



September 1, 2021

Mr. Greg Cassidy
South Carolina Department of Health and Environmental Control
Division of Site Assessment, Remediation, and Revitalization
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Subject: Semiannual Monitoring Report

Former Bramlette Manufactured Gas Plant
400 East Bramlette Road
Greenville, South Carolina VCC 16-5857-RP

Dear Mr. Cassidy:

On behalf of Duke Energy, please find enclosed two hard copies and one electronic copy on compact disk of the referenced report. The report is being submitted to support Remedial Investigation (RI) efforts associated with the referenced voluntary clean-up contract.

If you have any questions, please contact Rick Powell with Duke Energy at (980) 373-2663 or at Richard.powell2@duke-energy.com.

All the best,

SynTerra

A handwritten signature in blue ink, appearing to read "Todd Plating".

Todd Plating, PG (SC 2620)

Principal Geologist

Cc: Kevin Boland, CSXT
Daniel Schmitt, Esq., CSXT
Ty Houck, Greenville County
William W. Brown, Legacy School Properties, LLC

SEMIANNUAL MONITORING REPORT


**FORMER BRAMLETTE MGP SITE
400 EAST BRAMLETT ROAD
GREENVILLE, SC 29601
VOLUNTARY CLEANUP CONTRACT 16-5857-RP**

QUARTER 1 AND QUARTER 2, 2021

PREPARED FOR



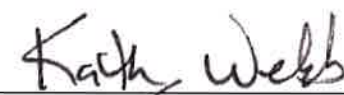
DUKE ENERGY CAROLINAS, LLC



Todd D. Plating
Todd D. Plating, SC P.G.
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Tom King
Project Geologist



Kathryn W. Webb, SC P.G.
Senior Peer Review

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LIST OF ACRONYMS

CSXT	CSX Transportation
DNAPL	dense non-aqueous phase liquid
Duke Energy	Duke Energy Carolinas, LLC
IDW	investigative-derived waste
Legacy Elementary	Legacy Charter Elementary School
µg/L	micrograms per liter
MCL	maximum contaminant level
MGP	manufactured gas plant
NAPL	non-aqueous phase liquid
NAVD 88	North American Vertical Datum of 1988
Pace	Pace Analytical Services, LLC
QAPP	Quality Assurance Project Plan
QC	quality control
RBSL	risk-based screening level
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
ROD	Record of Decision
SCDHEC	South Carolina Department of Health and Environmental Control
Site	former Bramlette Manufactured Gas Plant
SVOCs	semivolatile organic compounds
SynTerra	SynTerra Corporation
TSS	total suspended solids
USEPA	U.S. Environmental Protection Agency
VCC	Voluntary Cleanup Contract
VLS	VLS Recovery Services
VOCs	volatile organic compounds

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1.0 INTRODUCTION

This Semiannual Monitoring Report was prepared for the former Bramlette Manufactured Gas Plant (MGP or Site) on behalf of Duke Energy Carolinas, LLC (Duke Energy). The Site collectively refers to the location of the former MGP (400 East Bramlett Road in Greenville, South Carolina), as well as four other contiguous parcels and the western portion of the parcel owned by Legacy School Properties, LLC, (**Figure 1-1**).

Groundwater monitoring activities occurred from 2003 to 2016, when Voluntary Cleanup Contract (VCC) 16-5857-RP between the South Carolina Department of Health and Environmental Control (SCDHEC) and Duke Energy was executed. Since then, substantial Remedial Investigation (RI) activities have been completed to satisfy requirement 3.B of the VCC. Findings from those investigations were summarized in a Remedial Investigation (RI) Report dated June 26, 2020 (which was approved by SCDHEC on September 1, 2020) and a subsequent RI Report Addendum dated July 29, 2021.

This report summarizes semiannual groundwater and surface water monitoring activities that occurred from December 5, 2020, to June 30, 2021. Semiannual monitoring activities are not required by the VCC; however, Duke Energy has performed these activities to evaluate observed trends and to help inform the evaluation of potential remedial alternatives. These data will also be used to help develop and establish a long-term monitoring plan, which will be included in a Record of Decision (ROD). SynTerra conducted and documented these monitoring events in accordance with the RIWP Addendum approved by SCDHEC August 6, 2019, and the September 2018 *Quality Assurance Project Plan (QAPP)* (SynTerra, 2018).

2.0 SITE LOCATION AND TOPOGRAPHY

The former Bramlette MGP is located at 400 East Bramlett Road in Greenville, South Carolina, approximately two miles northwest of downtown Greenville. The Site, approximately 35 acres, is comprised of five parcels owned by CSX Transportation (CSXT) and the western portion of one parcel owned by Legacy School Properties, LLC, (**Figure 1-1** and **Figure 2-1**). The Site is generally bounded by the CSXT railroad corridor to the north, west, and south, and by West Washington Street, Legacy Charter Elementary School, and the City of Greenville Sanitation Department to the east. The Reedy River and Swamp Rabbit Trail form the western boundary (**Figure 2-1**).

Topography is relatively flat and low-lying and includes delineated wetlands. Parcel 2, Parcel 3, Parcel 4, and Parcel 5 are located within the 100-year flood plain of the Reedy River (**Figure 2-1**). Parcel 1 is relatively flat and gently sloping from the north (938 feet) to south (932 feet). The debris piles on Parcel 2 (946 feet) and the Vaughn Landfill on Parcel 3 (942 feet) are the points of highest elevation. Parcel 4 and Parcel 5 are generally flat, with topographic elevations that range from 920 feet to 925 feet. Elevations are referenced to the North American Vertical Datum of 1988 (NAVD 88).

The Site is located within the Piedmont Physiographic Province, which is bound to the west by the Blue Ridge and to the east by the Sandhills and Coastal Plain. In general, the geology of the Piedmont is comprised of a regolith-fractured rock system including regolith, a transition zone, and bedrock (Harned and Daniel, 1992). A conceptual model of groundwater flow in the Piedmont assumes a regolith and bedrock drainage basin with a perennial stream system (Harned and Daniel, 1992,). Groundwater is recharged by drainage and rainfall infiltration in the upland areas, followed by discharge to the perennial stream system. Flow in the regolith is like that of porous media, while flow in bedrock is primarily within secondary porosity features (fractures).

Surface water features within and adjacent to the Site include drainage ditches, wetlands, and the Reedy River. The surface water elevation within the Reedy River, adjacent to the Site, ranges from 920 feet (north) to 916 feet (south). Observations from extensive soil coring within the bounds of the floodplain confirmed the presence of alluvial deposits, including a laterally extensive coarse sand deposit with trace rounded gravel. Because most of the Site is within a 100-year flood plain, man-made drainage ditches were presumably constructed to improve drainage on the five parcels. Those ditches were present during MGP operations; therefore, they are an important aspect of the conceptual site model.

3.0 MONITORING ACTIVITIES

Groundwater and surface water monitoring activities were performed in accordance with Section 3.2 of the QAPP (SynTerra, 2018). Samples were managed and shipped under proper chain-of-custody protocols in accordance to Section 3.3 of the QAPP (SynTerra, 2018). Data review, verification, and validation was conducted in accordance with Section 6.0 of the QAPP (SynTerra, 2018) to identify deviations from the analytical methods, poor quality control (QC) results, and other potential problems that may compromise the potential uses of the data.

Monitoring activities conducted during this reporting period are summarized below:

Activity	Date
MW-49BR groundwater sampling	February and March 2021
Semiannual Monitoring	March 2021
Legacy Charter Elementary School surface water sampling	April 2021

3.1 Monitoring Well Network

Geologic Exploration, Inc. constructed three groundwater monitoring wells during the reporting period under SCDHEC Monitoring Well Permit Approval MW-12613.

Groundwater monitoring well construction details are summarized in **Table 3-1**.

- MW-49BR was constructed within the Vaughn Landfill to facilitate the bedrock aquifer performance test (**Figure 2-1**).
- MW-50S and MW-50TZ was constructed on CSXT property northeast of Parcel 5 to monitor groundwater near the Mountainview Baptist Church (**Figure 2-1**).

Groundwater monitoring well MW-2 was abandoned on June 20, 2020, at the request of ReWa to facilitate a sewer improvement project in the immediate vicinity. At this time, replacing the MW-2 monitoring well is not recommended based on the following information:

- Historical data from 2008 through 2019 indicate a decreasing trend for benzene and naphthalene in groundwater at the MW-2 location. Benzene and naphthalene concentrations from two sampling events in 2019 were less than the reporting limit.

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- VOCs and SVOCs present in the transition and bedrock flow zones can be monitored at MW-2TZ and MW-2BR.

Boring logs, monitoring well construction forms, and monitoring well abandonment forms can be referenced in the RI Report Addendum dated July 29, 2021.

3.2 Groundwater Monitoring Activities

Groundwater samples were collected during an aquifer performance test and a routine semiannual monitoring event. The results of the aquifer performance test are presented in the RI Report Addendum dated July 29, 2021. Groundwater samples were collected from 68 of the 70 monitoring wells during the semiannual monitoring event. Trace thicknesses of non-aqueous phase liquid (NAPL) were measured in the sump of monitoring wells MW-3 and MW-20; therefore, groundwater samples were not collected from those wells for analysis.

Pace Analytical Services, LLC, (Pace), a SCDHEC-certified laboratory, analyzed the groundwater samples for the following analyses:

- Volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (USEPA) Method 8260D
- Semivolatile organic compounds (SVOCs) by USEPA Method 8270E
- Total and dissolved iron and manganese (USEPA Method 600/7000 Series), total organic carbon (USEPA Method 9060A), total sulfate (USEPA Method 9036), total sulfide (USEPA Method 376)

3.3 Surface Water Monitoring Activities

Four surface water samples were collected from a ditch on the Legacy Charter Elementary School property - beginning at West Washington Street continuing downstream to the western side of Parcel 3 (SW-18, SW-19, SW-20, and SW-21) (**Figure 3-1**). Surface water samples were also collected from 17 established monitoring locations during the routine semiannual monitoring event (**Figure 3-1**).

The surface water samples were analyzed for the following analyses:

- VOCs by USEPA Method 8260D
- SVOCs by USEPA Method 8270E
- Total suspended solids (TSS) by USEPA Method SM 2540D-2011

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3.4 Investigation-derived Waste (IDW) Management

Purge water and decontamination water generated during groundwater monitoring activities were contained in 55-gallon drums or 275-gallon totes. VLS Recovery Services (VLS) transported the IDW to their facility for proper treatment and disposal. Waste manifests are included in **Appendix A**.

4.0 RESULTS

4.1 Direction of Groundwater Flow

Groundwater at the Site generally flows from the northeast to the southwest (from Parcel 1 toward the Reedy River). Potentiometric surface maps for the shallow zone (**Figure 4-1**), transition zone (**Figure 4-2**), and the bedrock zone (**Figure 4-3**) depict the relative gradient and direction of groundwater flow, as measured during March 2021. Depths to groundwater within the shallow, transition zone, and bedrock monitoring wells were measured from less than 1 foot below top of casing (btoc) to approximately 16 feet btoc. Depth to groundwater measurements and corresponding potentiometric-surface elevations are summarized in **Table 4-1**.

4.2 Vertical Hydraulic Gradients

Vertical hydraulic gradients were calculated (Driscoll, 1986) according to the following equation:

$$i_v = \frac{h_d - h_s}{L_v}$$

Where:

i_v = the vertical hydraulic gradient

h_d = the hydraulic head in the deep well in the nested well pair

h_s = the hydraulic head in the shallow well in the nested well pair

L_v = the vertical distance between the midpoint of the two well screens

Vertical gradients (unitless number) for well pairs at the Site are summarized in **Table 4-2**. Vertical gradients were generally neutral and ranged from -0.17 to 0.05. The results summarized in the hydrographs confirm relatively neutral vertical gradients and are included for MW-29 monitoring wells (**Figure 4-4**), Vaughn Landfill monitoring wells (**Figure 4-5**), MW-3 monitoring wells (**Figure 4-6**) and Reedy River and upgradient monitoring wells (**Figure 4-7**).

Potentiometric-surface fluctuations in all three flow zones correlate to precipitation events, indicating a groundwater recharge response. The potentiometric-surface data from wells located along the Swamp Rabbit Trail appeared to correlate to the data from the Reedy River manual staff gauge, indicating a hydraulic connection between the shallow flow system and the Reedy River. Based on the data included in the hydrographs, seasonal high potentiometric-surface elevations in these areas generally

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occurred in the spring (February and March), and seasonal low potentiometric-surface elevations generally occurred in the fall (October and November).

4.3 Horizontal Hydraulic Gradients

Horizontal hydraulic gradients were calculated (Driscoll, 1986) for each flow zone by dividing the change in elevation between two points (h_1 and h_2) on separate potentiometric-surface contours along a groundwater-flow path by the distance between the two locations (x_1 and x_2), according to the following equation:

$$i_h = \frac{(h_2 - h_1)}{(x_2 - x_1)} = \frac{\Delta h}{\Delta l}$$

Where:

i_h = horizontal gradient (feet per foot)

h_1 = potentiometric surface elevation at position 1

h_2 = potentiometric surface elevation at position 2

$x_2 - x_1 = \Delta l$ = distance between points h_1 and h_2 along the groundwater-flow path (feet)

Δh = change in elevation between two points (h_1 and h_2) on separate potentiometric-surface contours

Horizontal hydraulic gradients were calculated for each flow zone within Parcel 1, Parcel 2, and Parcel 3, based on March 2021 groundwater elevation data (**Table 4-3**). The geometric mean of the horizontal hydraulic gradients for each flow zone were as follows:

- Shallow zone: 0.03 feet/foot
- Transition zone: 0.01 feet/foot
- Bedrock zone: 0.02 feet/foot

4.4 NAPL

NAPL accumulation in all monitoring wells was measured during the Site-wide groundwater sampling event using an oil-water interface probe. NAPL accumulation of 4.50 feet was measured at the bottom of open-borehole monitoring well MW-49BR. Approximately three gallons of NAPL was bailed from MW-49BR. Routine measurements of NAPL thickness over a seven-day period indicated NAPL was not

recovering in the well. Trace amounts of NAPL were observed at MW-3 and MW-20 during the semiannual monitoring event.

4.5 Groundwater

The current groundwater monitoring well network consists of 70 monitoring wells screened within three flow zones. Monitoring well construction details are summarized in **Table 3-1**. Field data sheets, which detail the field parameters at the time of sample collection, are included in **Appendix B**. Analytical lab reports for all media are included in **Appendix C**.

During the March 2021 monitoring event, geochemical parameters were analyzed in groundwater collected from select monitoring wells to determine if geochemical environments conducive to beneficial natural attenuation exist. A *Proposed Groundwater Attenuation Monitoring Sampling Matrix* is presented in **Appendix D**. Results are summarized in **Table 4-4**. Initial results were evaluated and presented in the RI Report Addendum dated July 29, 2021. A second round of attenuation monitoring is planned for September 2021 and those results will be used to further evaluate physical and chemical processes that are known to attenuate dissolved Site-related constituents in groundwater.

The results of monitored natural attenuation parameters will be presented in a subsequent Semiannual Monitoring Report and continued testing for natural attenuation parameters will be determined at that time.

Groundwater Analytical Results

Groundwater impacts from former operation of the Bramlette MGP are described below and summarized in **Table 4-5**. Groundwater monitoring well locations are shown on **Figure 2-1**.

Parcel 1

Groundwater impacts on Parcel 1 are limited in extent to shallow areas around former MGP operational structures. The maximum concentration of benzene (0.012 mg/L) was detected near the former relief gas holder (MW-7R) and the maximum concentration of naphthalene (0.198 mg/L) was detected near the former tar chambers (MW-36S). These concentrations are an order of magnitude less when compared to results from other Site parcels.

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Parcel 2

Groundwater impacts on Parcel 2 are observed within the deeper flow zones. This is consistent with migration characteristics of dense non-aqueous phase liquids (DNAPL) that tend to migrate deeper with distance from the source area (Parcel 1). Specifically, the maximum concentration of benzene (1.6 mg/L) and naphthalene (1.75 mg/L) were detected in the groundwater sample collected from MW-29TZ. Concentrations of benzene and naphthalene in fractured bedrock at MW-29BR are less than the transition zone, although greater than their respective MCLs. No constituents were detected at concentrations greater than MCLs in groundwater samples from shallow monitoring wells on Parcel 2.

Parcel 3

Coal tar that migrated through stormwater conveyance ditches settled in the wetland and low-lying areas of Parcel 3 around the Vaughn Landfill, contributing to constituent mass in groundwater at the Site. Concentrations of benzene and naphthalene greater than MCLs were detected in the shallow, transition zone, and fractured bedrock flow zones (to a depth of 130 feet below land surface). Impacts were primarily detected beneath the Vaughn Landfill (MW-2TZ, MW-2BR, MW-3BR, MW-3BRL, MW-21BRL, MW-45BR, and MW-47BR). The maximum benzene concentration (1.25 mg/L) was detected at MW-2BR which is approximately 50 feet west of the Vaughn Landfill. The maximum concentration of naphthalene (2.06 mg/L) was detected at MW-3BR located in the northern portion of the Vaughn Landfill. Toluene concentrations greater than the MCL were detected in one sample from monitoring well MW-47BR (1.77 mg/L) located in the northern portion of the Vaughn Landfill.

Groundwater samples were not collected from shallow monitoring well MW-3 and transition zone well MW-20 due to the presence of DNAPL within the wells, although not at sufficient thickness to achieve a reliable measurement (0.01 feet).

Parcel 4

No constituents were detected at concentrations greater than laboratory reporting limits in samples collected from monitoring wells located on Parcel 4.

Parcel 5

There are no monitoring wells currently installed on Parcel 5. A shallow and transition zone monitoring well pair (MW-50S and MW-50TZ) is installed 250 feet upgradient adjacent to Mountainview Baptist Church. No constituents were detected at concentrations greater than laboratory reporting limits in groundwater samples from the MW-50 cluster.

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Legacy Charter Elementary School

No constituents were detected at concentrations greater than laboratory reporting limits in samples collected from monitoring wells located directly adjacent to Legacy Charter Elementary School (MW- MW-25R, MW-41S, MW-41TZ and MW-41BR). Groundwater analytical results indicate concentrations of benzene (0.011 mg/L) and naphthalene (0.938 mg/L) greater than MCLs in samples from shallow monitoring well MW-1 which is located near the northern end of the Vaughn Landfill.

Swamp Rabbit Trail and Reedy River

Based on historical and recent analytical results, impacted groundwater does not appear to be migrating to the Reedy River. Constituent concentrations continue to be equal to or less than laboratory reporting limits in samples from monitoring wells installed adjacent to the Swamp Rabbit Trail and upgradient of the Reedy River (MW-30S, MW-30TZ, MW-31S, MW-31TZ, MW-32S, MW-32TZ, MW-33S, MW-33TZ, MW-48S, and MW-48TZ). Constituent concentrations in groundwater west of the Reedy River (MW-44TZ and MW-44BR) continue to be less than laboratory reporting limits.

Mann-Kendall

Mann-Kendall trend analyses were conducted to determine whether benzene and naphthalene concentrations in groundwater exhibited a statistically significant increasing trend, decreasing trend, or no trend.

In a Mann-Kendall trend test, each value is compared to the proceeding values to calculate whether the value has increased, decreased, or stayed the same. These comparisons are recorded as simply 1 (increasing), -1 (decreasing), or 0 (stayed the same). These comparisons give an S value, where S indicates the type of trend. A negative S value indicates a decreasing trend, and a positive S value indicates an increasing trend. Whether or not these trends are statistically significant is dependent on the two-sided p value. A p value ranges from 0 to 1 and indicates whether the results are due to chance or the results are statistically significant. Greater p values indicate a trend is not statistically significant, and a p value less than 0.1 indicates a statistically significant trend.

Data must meet the following requirements for a Mann-Kendall trend test to be applicable:

- There must be at least four detect measurements.
- Non-detects must make up less than or equal to 50 percent of the measurements.

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Historical groundwater data from all monitoring wells were evaluated to determine which data sets meet the minimum criteria for the completion of Mann-Kendall analysis. Based on the minimum data requirements, Mann-Kendall trend analyses were limited to data sets from five monitoring wells (MW-1, MW-2BR, MW-3, MW-3BR, and MW-21). **Table 4-6** details the data set suitability compared to minimum criteria. The Mann Kendall Trend Test Analysis is included as **Appendix E**.

Based on the Mann-Kendall analysis, there were no significantly increasing trends for benzene or naphthalene.

Limitations of the data set were primarily a result of the lack of detections of constituents in the samples. In addition, less than four samples have been collected from 50 monitoring wells constructed between 2018 and 2021. Data sets from seven additional groundwater monitoring wells will contain sufficient information for Mann-Kendall analysis after the next semiannual groundwater sampling event in September 2021.

4.6 Surface Water

Surface water samples were collected at 21 locations at the Site. Four samples were collected for the first time on Legacy Charter Elementary property (SW-18, SW-19, SW-20 and SW-21) (**Figure 3-1**). Surface water analytical results are summarized in **Table 4-7**. Field data sheets, which detail the field parameters at the time of sample collection, are included in **Appendix B**. Analytical lab reports for all media are included in **Appendix C**.

Reedy River

Analytical results for VOCs and SVOCs from Reedy River surface water samples continue to be less analytical laboratory reporting limits.

Legacy Charter Elementary

No constituents were detected at concentrations greater than the laboratory reporting limit in surface water samples collected from locations located on Legacy Charter Elementary property (SW-1, SW-2, SW-18, SW-19, SW-20, and SW-21).

Parcel 3

One constituent [benzo(a)pyrene] was detected at a concentration greater than the MCL in surface water sampled at one location (SW-5). Historically, benzo(a)pyrene concentrations in samples from SW-5 have been less than laboratory reporting limits.

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Parcel 4 and 5

VOCs and SVOCs in samples collected downstream of the Vaughn Landfill continued to be less than screening criteria. These include samples collected along the centerline of Ditch 4 (Parcel 3, Parcel 4, and Parcel 5).

5.0 FINDINGS AND RECOMMENDATIONS

Groundwater samples collected from monitoring-well nests near and upgradient of the Reedy River do not contain MGP related constituents greater than MCLs. Most dissolved-phase constituent mass was detected in the transition zone and fractured-bedrock zone in the following areas:

- Parcel 1 – shallow zone
- Parcel 2 and Parcel 3 – shallow, transition, and fractured bedrock

Constituents were not detected in groundwater samples collected from monitoring wells on Parcels 4 and 5 and near the Reedy River.

Mann-Kendall analyses indicate stable or decreasing concentrations within the most impacted areas of groundwater. These findings suggest an attenuating or stable plume.

MGP-related constituent concentrations greater than analytical reporting limits were not detected in the Reedy River. VOCs and SVOCs in surface water were limited to the ditches and wetlands near the Vaughn Landfill where accumulated coal tar was observed. Constituent concentrations continued to be less than screening criteria downstream of the Vaughn Landfill to the point of discharge at the Reedy River. Hydraulic monitoring data and surface water analytical results indicate impacted groundwater is not likely discharging to wetland areas or stormwater conveyance ditches.

Continued semiannual groundwater and surface water monitoring are planned at this time. A combined semiannual groundwater and surface water monitoring event is planned for September 2021.

6.0 REFERENCES

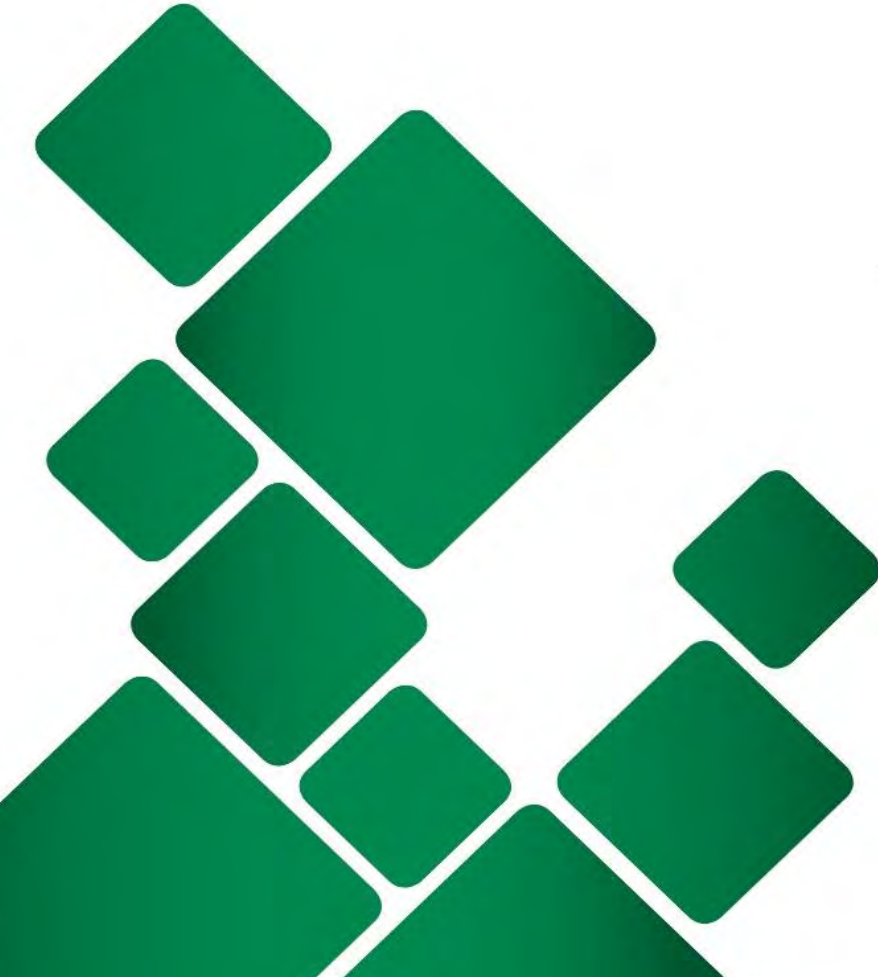
Driscoll, Fletcher G., 1986, *Groundwater and Wells*, Second Edition, Johnson Division, St. Paul, Minnesota, p. 73-75.

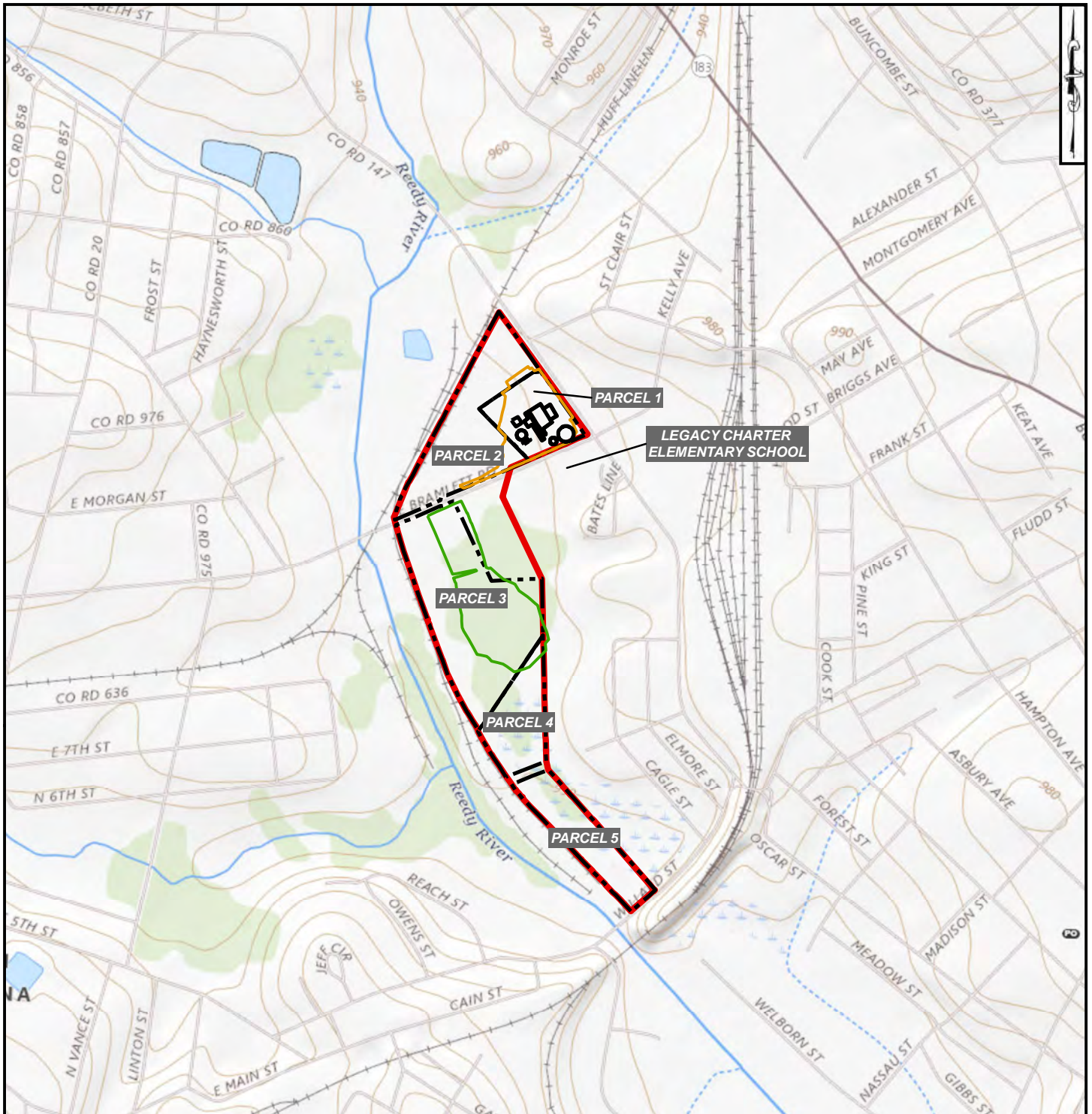
Harned, D.A., and Daniel C.C, III, 1992, The transition zone between bedrock and saprolite—Conduit for contamination, in Daniel, C.C., III, White, R.K., and Stone, P.A., eds., *Ground water in the Piedmont—Proceedings of a conference on ground water in the Piedmont of the eastern United States*: Clemson, S.C., Clemson University, p. 336–348.

SynTerra Corporation. 2018. "Quality Assurance Project Plan (QAPP): Former Bramlette MGP Site."

Willoughby, Howard, and Nystrom. 2005. *Generalized Geologic Map of South Carolina*. South Carolina Department of Natural Resources, Geological Survey. GGMW-01.

FIGURES





LEGEND

- FORMER MANUFACTURED GAS PLANT FOOTPRINT
- EXCAVATION AREA (2001-2002)
- VAUGHN LANDFILL
- PARCEL BOUNDARIES
- SITE BOUNDARY

NOTES:

1. EXCAVATION AREA AND VAUGHN LANDFILL BOUNDARY ARE FROM ERM WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
2. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
3. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).
4. 2020 USGS TOPOGRAPHIC MAP OBTAINED FROM THE USGS NATIONAL MAP VIEWER.



GREENVILLE COUNTY

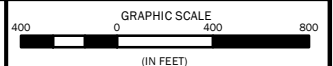


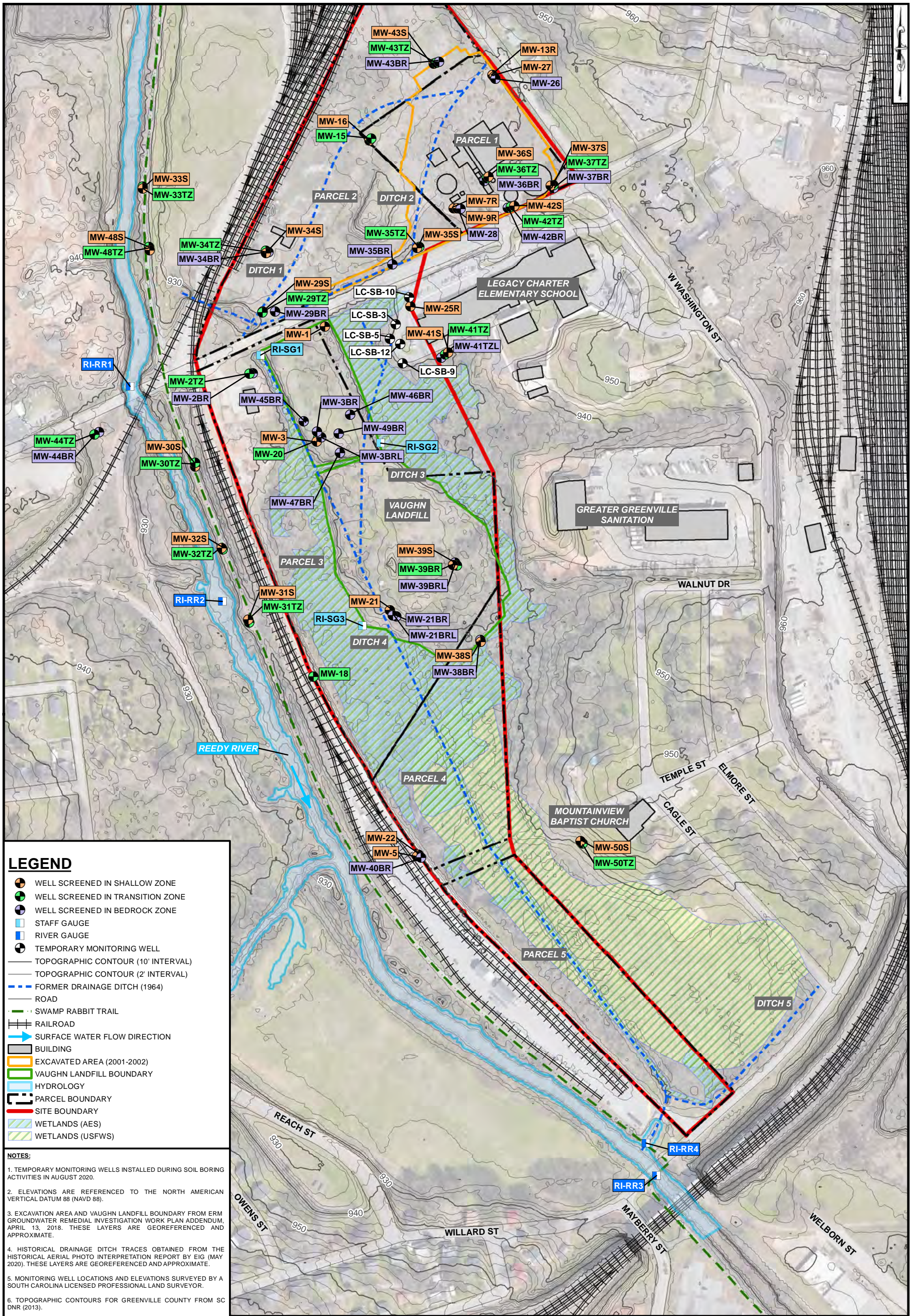
www.synterracorp.com

FIGURE 1-1
USGS TOPOGRAPHIC MAP
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

DRAWN BY: A. ROBINSON
 REVISED BY: B. MCGANN
 CHECKED BY: L. DRAGO
 APPROVED BY: T. KING
 PROJECT MANAGER: T. PLATING

DATE: 11/18/2020
 DATE: 08/02/2021
 DATE: 08/02/2021
 DATE: 08/02/2021





LEGEND

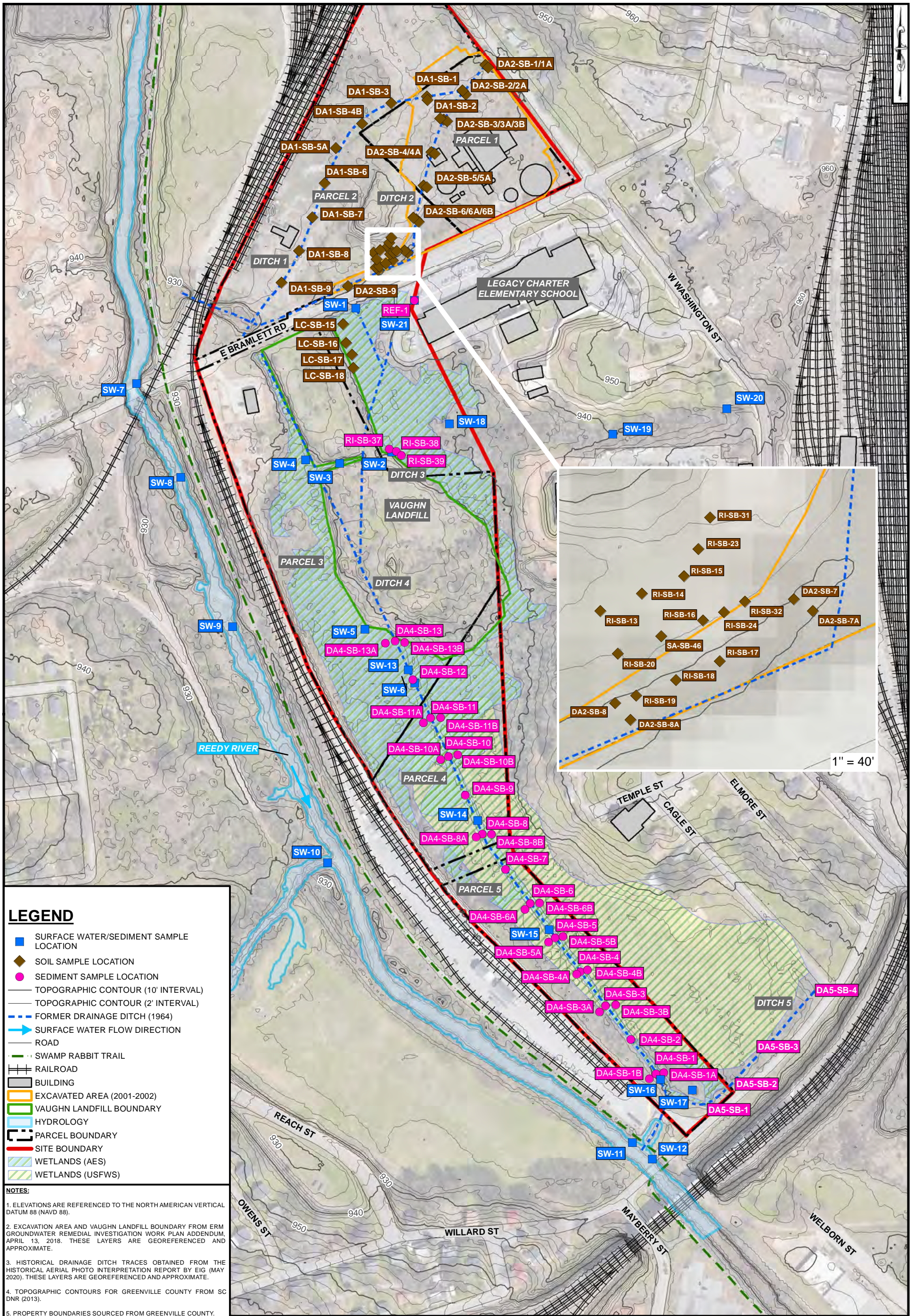
- WELL SCREENED IN SHALLOW ZONE
- WELL SCREENED IN TRANSITION ZONE
- WELL SCREENED IN BEDROCK ZONE
- STAFF GAUGE
- RIVER GAUGE
- TEMPORARY MONITORING WELL
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- FORMER DRAINAGE DITCH (1964)
- ROAD
- SWAMP RABBIT TRAIL
- RAILROAD
- SURFACE WATER FLOW DIRECTION
- BUILDING
- EXCAVATED AREA (2001-2002)
- VAUGHN LANDFILL BOUNDARY
- HYDROLOGY
- PARCEL BOUNDARY
- SITE BOUNDARY
- WETLANDS (AES)
- WETLANDS (USFWS)

- NOTES:**
1. TEMPORARY MONITORING WELLS INSTALLED DURING SOIL BORING ACTIVITIES IN AUGUST 2020.
 2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
 3. EXCAVATION AREA AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
 4. HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
 5. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
 6. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
 7. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
 8. WETLANDS (USFWS) BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY; WETLANDS (AES) DELINEATED BY APPLIED ENGINEERING AND SCIENCE, INC. IN 1999.
 9. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
 10. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
 11. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: J. KIRTZ DATE: 05/07/2021
 REVISED BY: B. MCGANN DATE: 08/02/2021
 CHECKED BY: L. DRAGO DATE: 08/02/2021
 APPROVED BY: T. KING DATE: 08/02/2021
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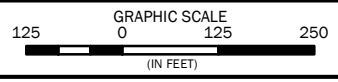
FIGURE 2-1
SITE LAYOUT MAP
 SEMIANNUAL MONITORING REPORT
 QUARTER 1 AND QUARTER 2, 2021
 FORMER BRAMLETTE MGP SITE
 EAST BRAMLETTE ROAD
 GREENVILLE, SOUTH CAROLINA



LEGEND

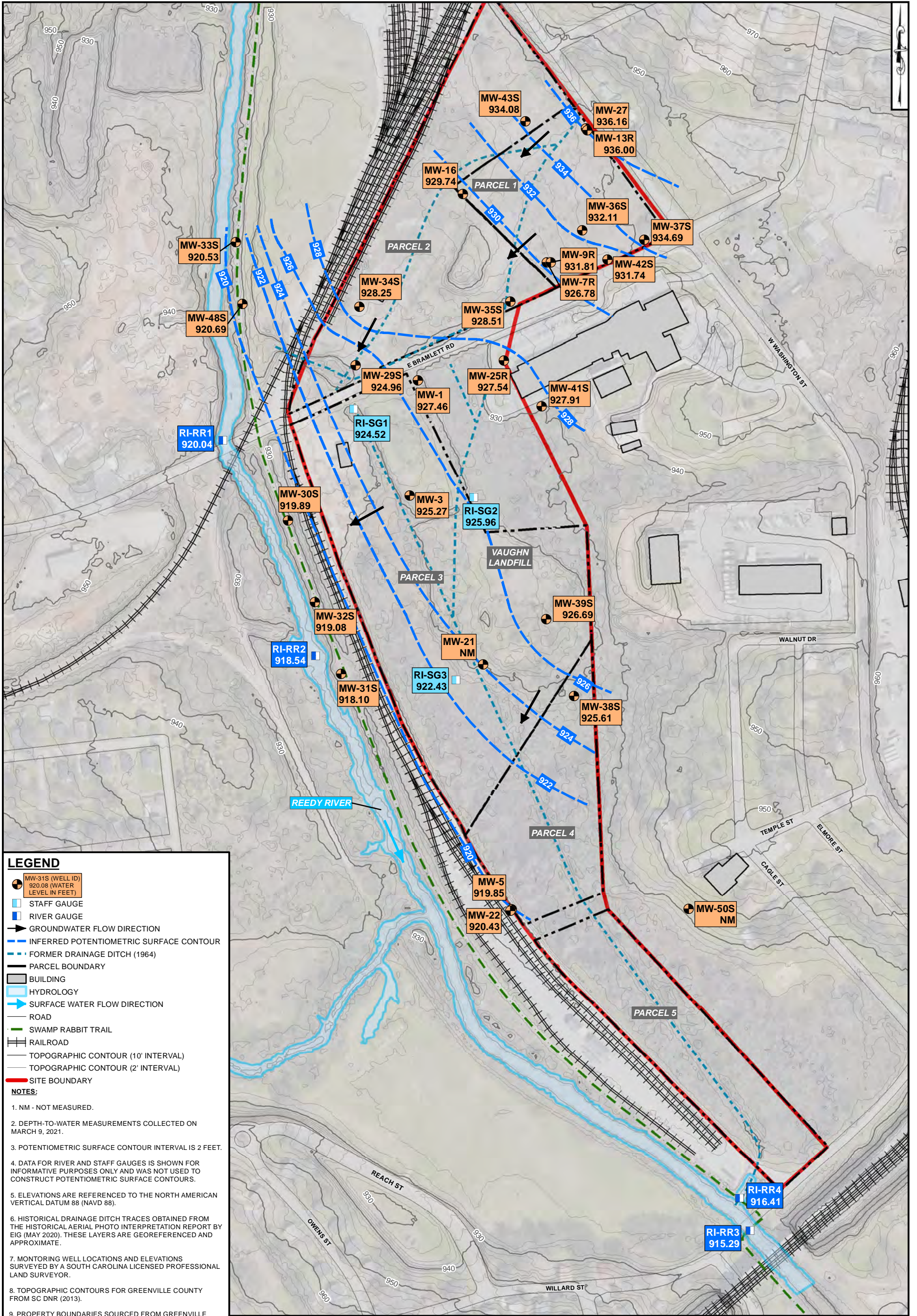
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- ◆ SOIL SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- - - FORMER DRAINAGE DITCH (1964)
- ➔ SURFACE WATER FLOW DIRECTION
- ROAD
- SWAMP RABBIT TRAIL
- ⊥ RAILROAD
- ▭ BUILDING
- ▭ EXCAVATED AREA (2001-2002)
- ▭ VAUGHN LANDFILL BOUNDARY
- ▭ HYDROLOGY
- ▭ PARCEL BOUNDARY
- ▭ SITE BOUNDARY
- ▭ WETLANDS (AES)
- ▭ WETLANDS (USFWS)

- NOTES:**
1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
 2. EXCAVATION AREA AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
 3. HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
 4. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
 5. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
 6. WETLANDS (USFWS) BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY. WETLANDS (AES) DELINEATED BY APPLIED ENGINEERING AND SCIENCE, INC. IN 1999.
 7. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
 8. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. INSET AERIAL OBTAINED OCTOBER 20, 2020. AERIAL WAS COLLECTED ON MARCH 12, 2018.
 9. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).



DRAWN BY: J. KIRTZ DATE: 05/07/2021
 REVISED BY: B. MCGANN DATE: 08/03/2021
 CHECKED BY: L. DRAGO DATE: 08/03/2021
 APPROVED BY: T. KING DATE: 08/03/2021
 PROJECT MANAGER: T. PLATING
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FIGURE 3-1
SURFACE WATER AND SEDIMENT SAMPLE LOCATIONS
 SEMIANNUAL MONITORING REPORT
 QUARTER 1 AND QUARTER 2, 2021
 FORMER BRAMLETTE MGP SITE
 EAST BRAMLETTE ROAD
 GREENVILLE, SOUTH CAROLINA



LEGEND

- MW-31S (WELL ID) 920.08 (WATER LEVEL IN FEET)
- STAFF GAUGE
- RIVER GAUGE
- GROUNDWATER FLOW DIRECTION
- INFERRED POTENTIOMETRIC SURFACE CONTOUR
- FORMER DRAINAGE DITCH (1964)
- PARCEL BOUNDARY
- BUILDING
- HYDROLOGY
- SURFACE WATER FLOW DIRECTION
- ROAD
- SWAMP RABBIT TRAIL
- RAILROAD
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SITE BOUNDARY

NOTES:

1. NM - NOT MEASURED.
2. DEPTH-TO-WATER MEASUREMENTS COLLECTED ON MARCH 9, 2021.
3. POTENTIOMETRIC SURFACE CONTOUR INTERVAL IS 2 FEET.
4. DATA FOR RIVER AND STAFF GAUGES IS SHOWN FOR INFORMATIVE PURPOSES ONLY AND WAS NOT USED TO CONSTRUCT POTENTIOMETRIC SURFACE CONTOURS.
5. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
6. HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
7. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
8. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
9. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
10. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
11. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
12. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

GRAPHIC SCALE

125 0 125 250

(IN FEET)

DRAWN BY: J. KIRTZ DATE: 05/07/2021

REVISED BY: B. MCGANN DATE: 08/16/2021

CHECKED BY: L. DRAGO DATE: 08/16/2021

APPROVED BY: T. KING DATE: 08/16/2021

PROJECT MANAGER: T. PLATING

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FIGURE 4-1

POTENTIOMETRIC SURFACE MAP - SHALLOW ZONE

SEMIANNUAL MONITORING REPORT

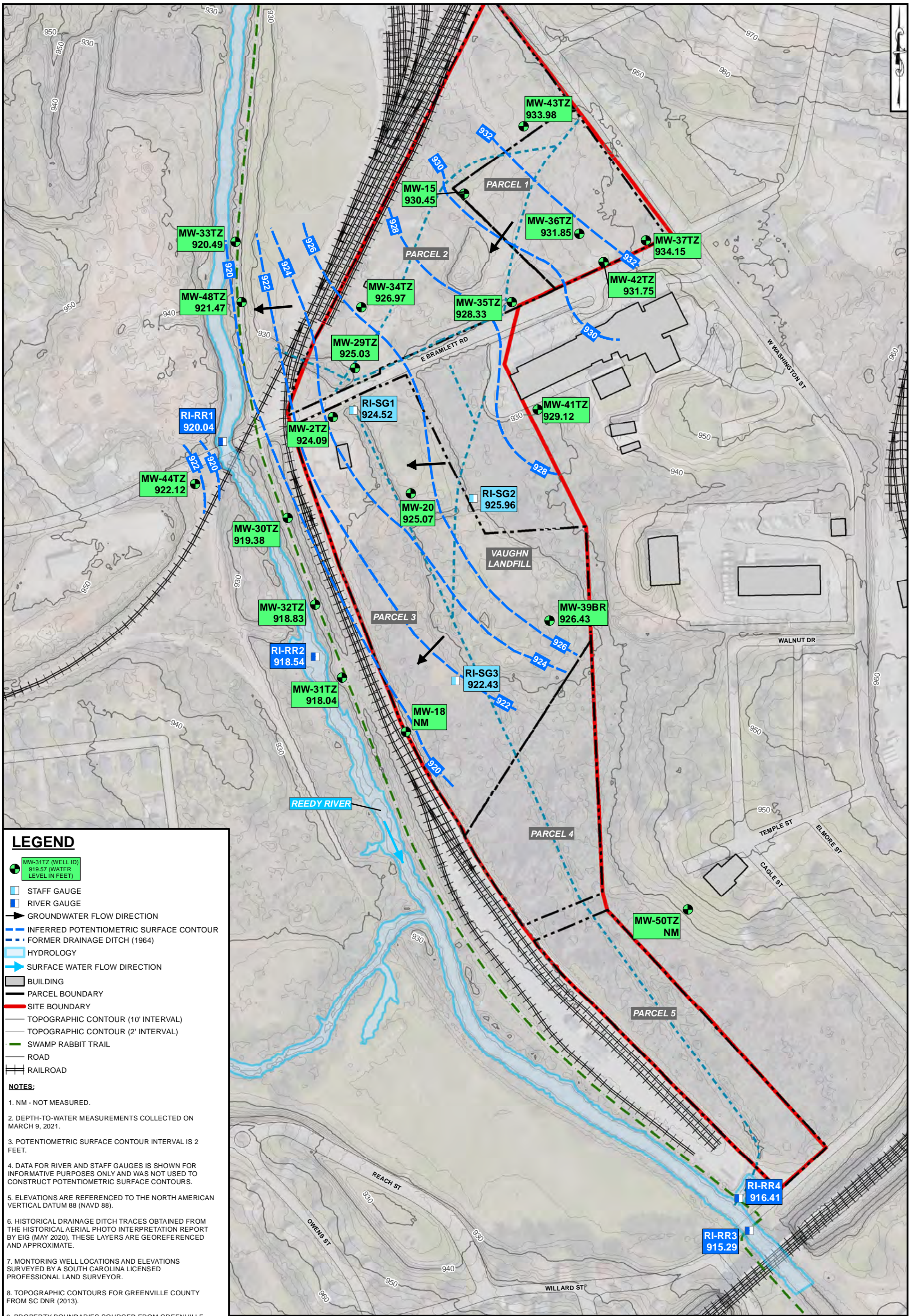
QUARTER 1 AND QUARTER 2, 2021

FORMER BRAMLETTE MGP SITE

EAST BRAMLETTE ROAD

GREENVILLE, SOUTH CAROLINA

FIGURE 4-1
POTENTIOMETRIC SURFACE MAP - SHALLOW ZONE
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA





LEGEND

- MW-31TZ (WELL ID)
919.57 (WATER LEVEL IN FEET)
- STAFF GAUGE
- RIVER GAUGE
- GROUNDWATER FLOW DIRECTION
- INFERRER POTENTIOMETRIC SURFACE CONTOUR
- - - FORMER DRAINAGE DITCH (1964)
- HYDROLOGY
- SURFACE WATER FLOW DIRECTION
- ▭ BUILDING
- PARCEL BOUNDARY
- SITE BOUNDARY
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SWAMP RABBIT TRAIL
- ROAD
- RAILROAD

NOTES:

1. NM - NOT MEASURED.
2. DEPTH-TO-WATER MEASUREMENTS COLLECTED ON MARCH 9, 2021.
3. POTENTIOMETRIC SURFACE CONTOUR INTERVAL IS 2 FEET.
4. DATA FOR RIVER AND STAFF GAUGES IS SHOWN FOR INFORMATIVE PURPOSES ONLY AND WAS NOT USED TO CONSTRUCT POTENTIOMETRIC SURFACE CONTOURS.
5. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
6. HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
7. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
8. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
9. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
10. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
11. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
12. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

GRAPHIC SCALE

125 0 125 250

(IN FEET)

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REVISED BY: B. MCGANN DATE: 08/16/2021

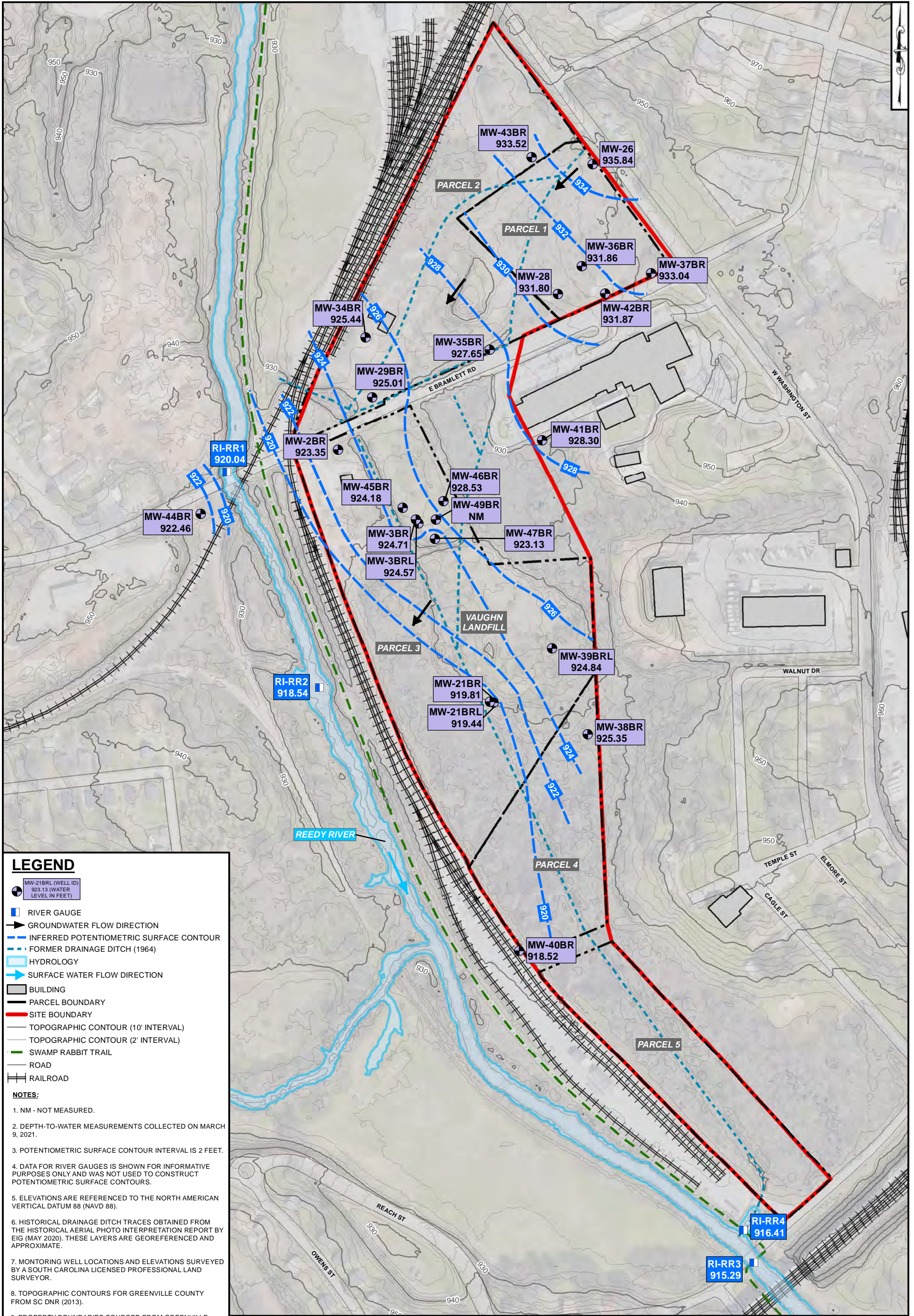
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APPROVED BY: T. KING DATE: 08/16/2021

PROJECT MANAGER: T. PLATING

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FIGURE 4-2
POTENTIOMETRIC SURFACE MAP - TRANSITION ZONE
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



LEGEND

- MW-21BRL (WELL ID)
923.13 (WATER LEVEL IN FEET)
- RIVER GAUGE
- GROUNDWATER FLOW DIRECTION
- INFERRED POTENTIOMETRIC SURFACE CONTOUR
- FORMER DRAINAGE DITCH (1964)
- HYDROLOGY
- SURFACE WATER FLOW DIRECTION
- BUILDING
- PARCEL BOUNDARY
- SITE BOUNDARY
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SWAMP RABBIT TRAIL
- ROAD
- RAILROAD

NOTES:

1. NM - NOT MEASURED.
2. DEPTH-TO-WATER MEASUREMENTS COLLECTED ON MARCH 9, 2021.
3. POTENTIOMETRIC SURFACE CONTOUR INTERVAL IS 2 FEET.
4. DATA FOR RIVER GAUGES IS SHOWN FOR INFORMATIVE PURPOSES ONLY AND WAS NOT USED TO CONSTRUCT POTENTIOMETRIC SURFACE CONTOURS.
5. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
6. HISTORICAL DRAINAGE DITCH TRACES OBTAINED FROM THE HISTORICAL AERIAL PHOTO INTERPRETATION REPORT BY EIG (MAY 2020). THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.
7. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR.
8. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
9. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
10. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
11. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
12. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

GRAPHIC SCALE

125 0 125 250

(IN FEET)

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PROJECT MANAGER: T. PLATING

DATE: 05/07/2021

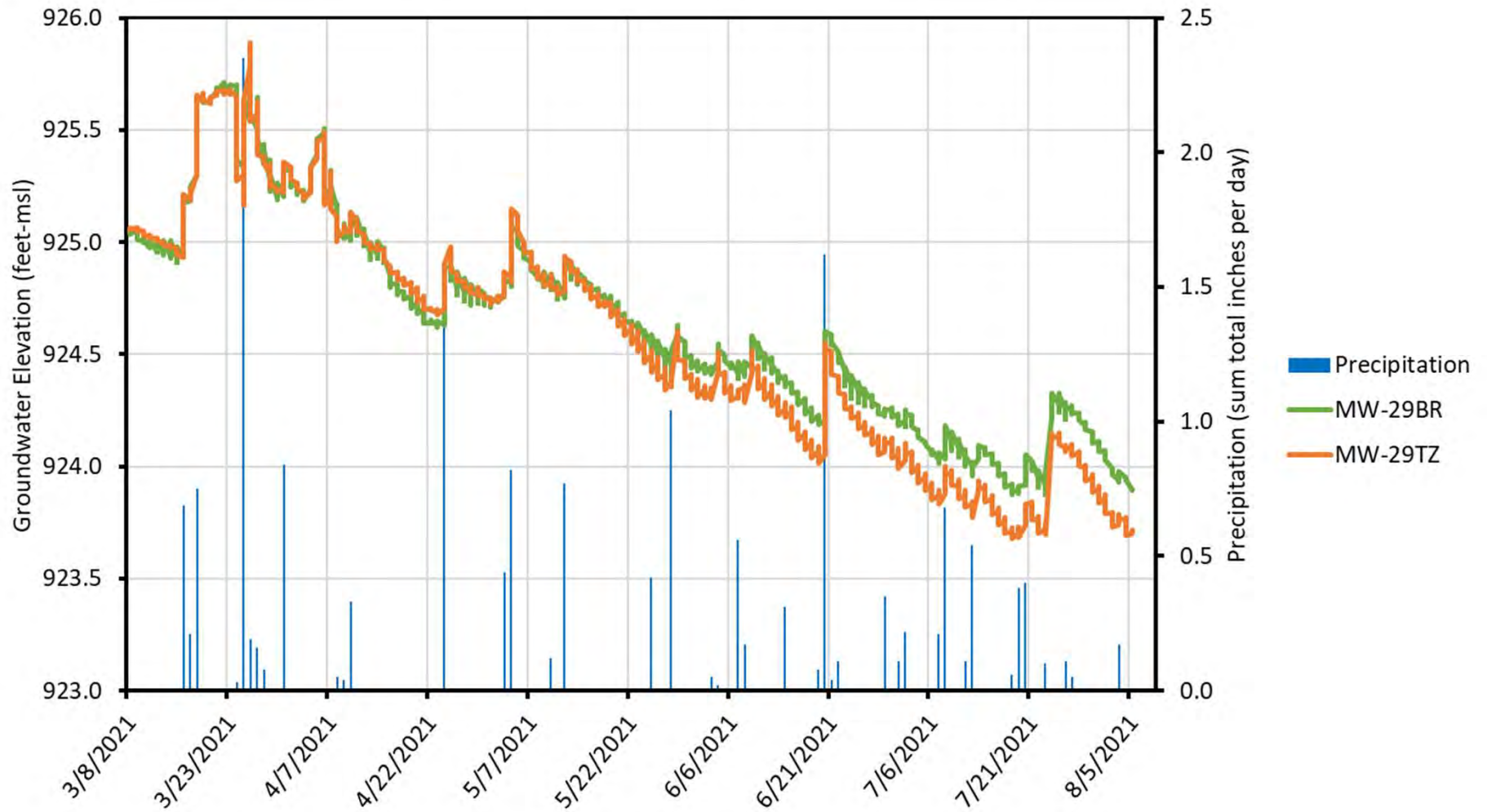
DATE: 08/16/2021

DATE: 08/16/2021

DATE: 08/16/2021

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FIGURE 4-3
POTENTIOMETRIC SURFACE MAP - BEDROCK ZONE
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



Notes:

1. Elevations referenced to North American Vertical Datum of 1988
2. Precipitation obtained from online published data from https://waterdata.usgs.gov/nwis/dv/?site_no=02164000&agency_cd=USGS&referred_module=sw
3. feet-msl – feet mean sea level



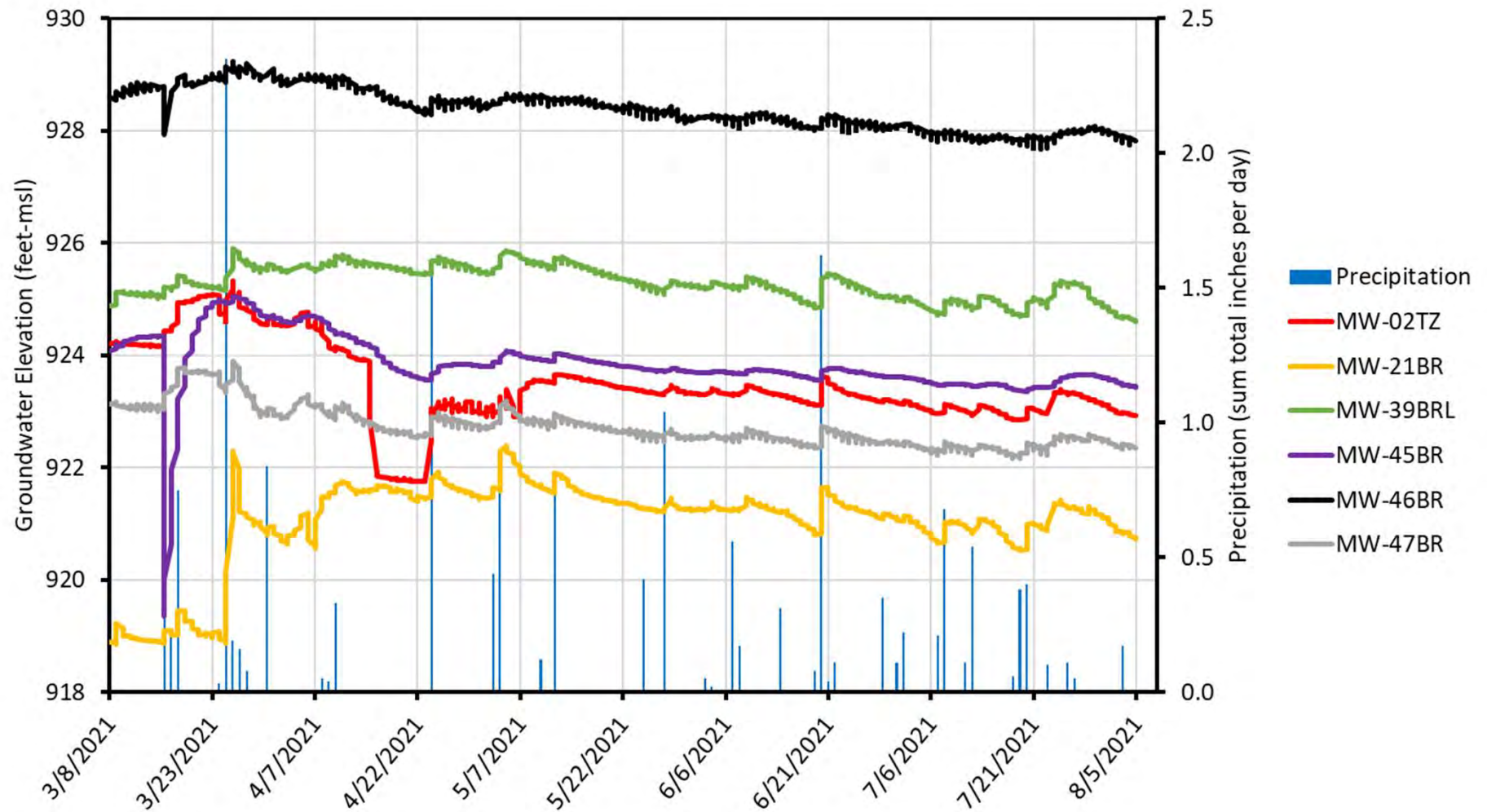
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 APPROVED BY: T. PLATING
 PROJECT MANAGER: T. PLATING

DATE: 08/11/2021
 DATE: 08/11/2021
 DATE: 08/12/2021
 DATE: 08/12/2021



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FIGURE 4-4
MW-29 CLUSTER HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



Notes:

1. Elevations referenced to North American Vertical Datum of 1988
2. Precipitation obtained from online published data from https://waterdata.usgs.gov/nwis/dv/?site_no=02164000&agency_cd=USGS&referred_module=sw
3. feet-msl – feet mean sea level



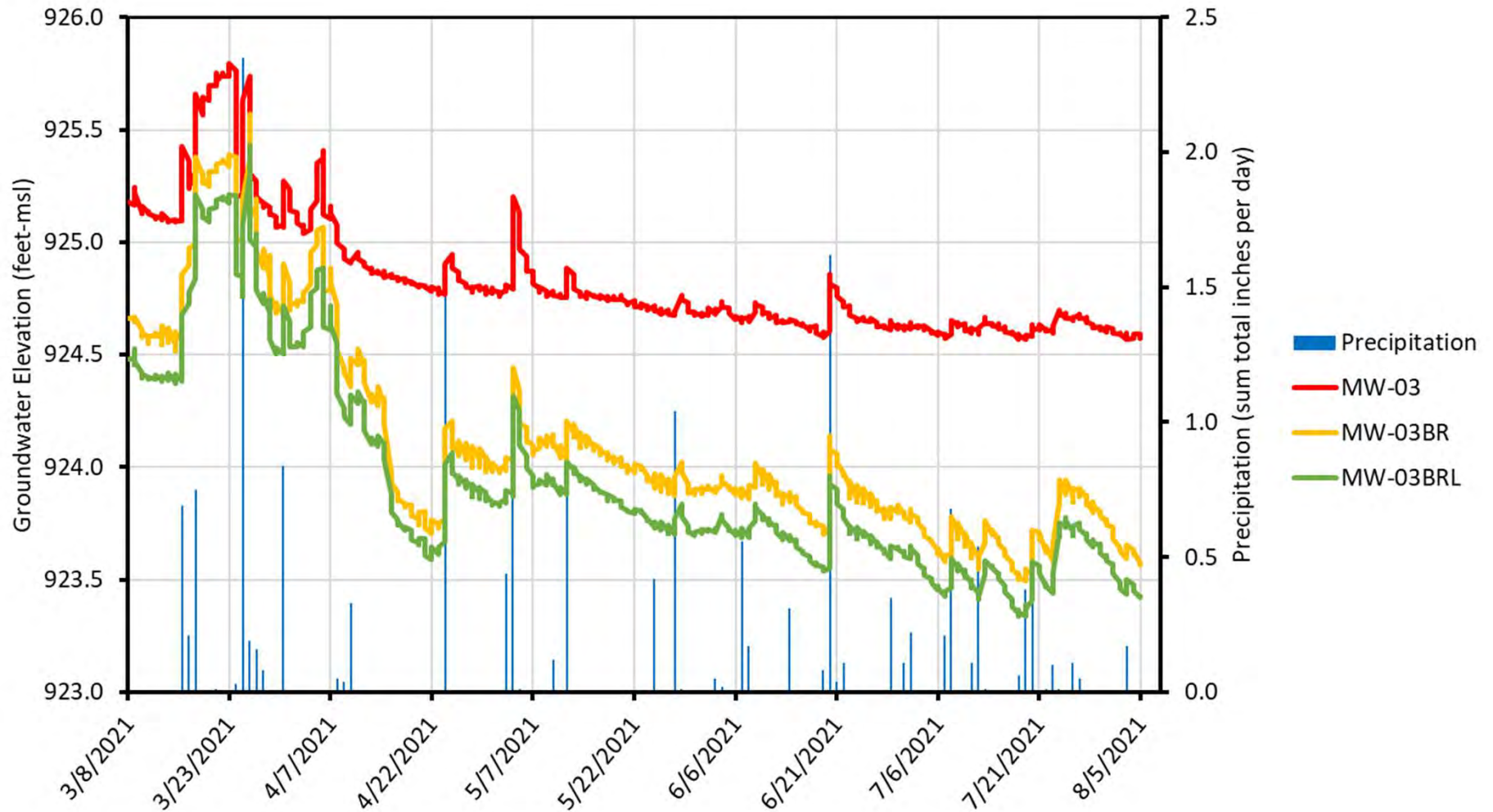
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DATE: 08/11/2021
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 DATE: 08/12/2021
 DATE: 08/12/2021



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FIGURE 4-5
VAUGHN LANDFILL AREA HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



Notes:

1. Elevations referenced to North American Vertical Datum of 1988
2. Precipitation obtained from online published data from https://waterdata.usgs.gov/nwis/dv/?site_no=02164000&agency_cd=USGS&referred_module=sw
3. feet-msl – feet mean sea level
4. MW-03 and MW-03BR were non-vented. Pressure, and Depths for these wells were corrected for with barometric data taken with a Barologger in MW-03BR



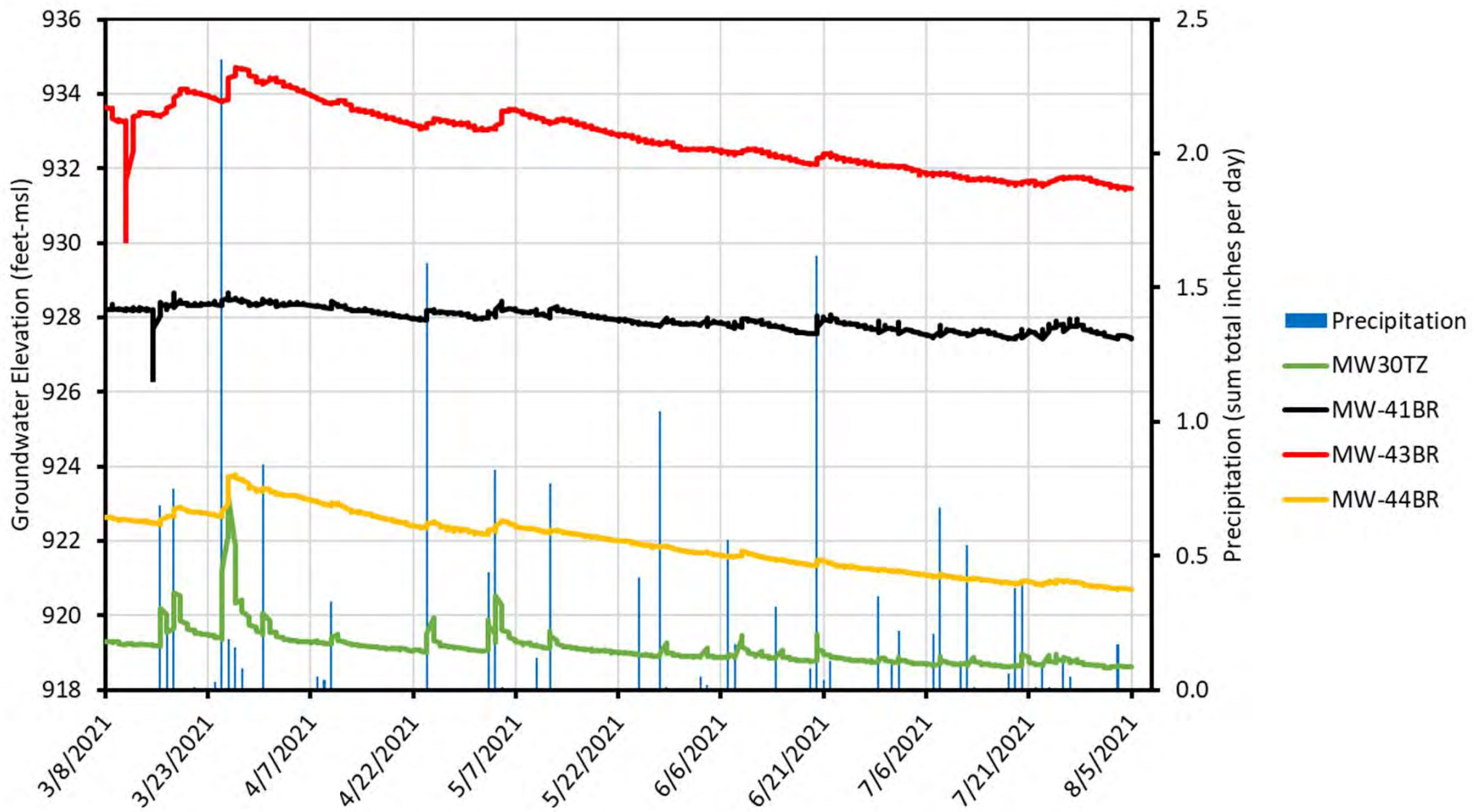
DRAWN BY: B. MCGANN
 REVISED BY: T. GRANT
 CHECKED BY: T. KING
 APPROVED BY: T. PLATING
 PROJECT MANAGER: T. PLATING

DATE: 08/11/2021
 DATE: 08/11/2021
 DATE: 08/12/2021
 DATE: 08/12/2021



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FIGURE 4-6
MW-03 CLUSTER HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



Notes:

1. Elevations referenced to North American Vertical Datum of 1988
2. Precipitation obtained from online published data from https://waterdata.usgs.gov/nwis/dv/?site_no=02164000&agency_cd=USGS&referred_module=sw
3. feet-msl – feet mean sea level
4. MW-30TZ and MW-41BR were non-vented. Pressure, and Depths for these wells were corrected for with barometric data taken with a Barologger in MW-03BR



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 PROJECT MANAGER: T. PLATING

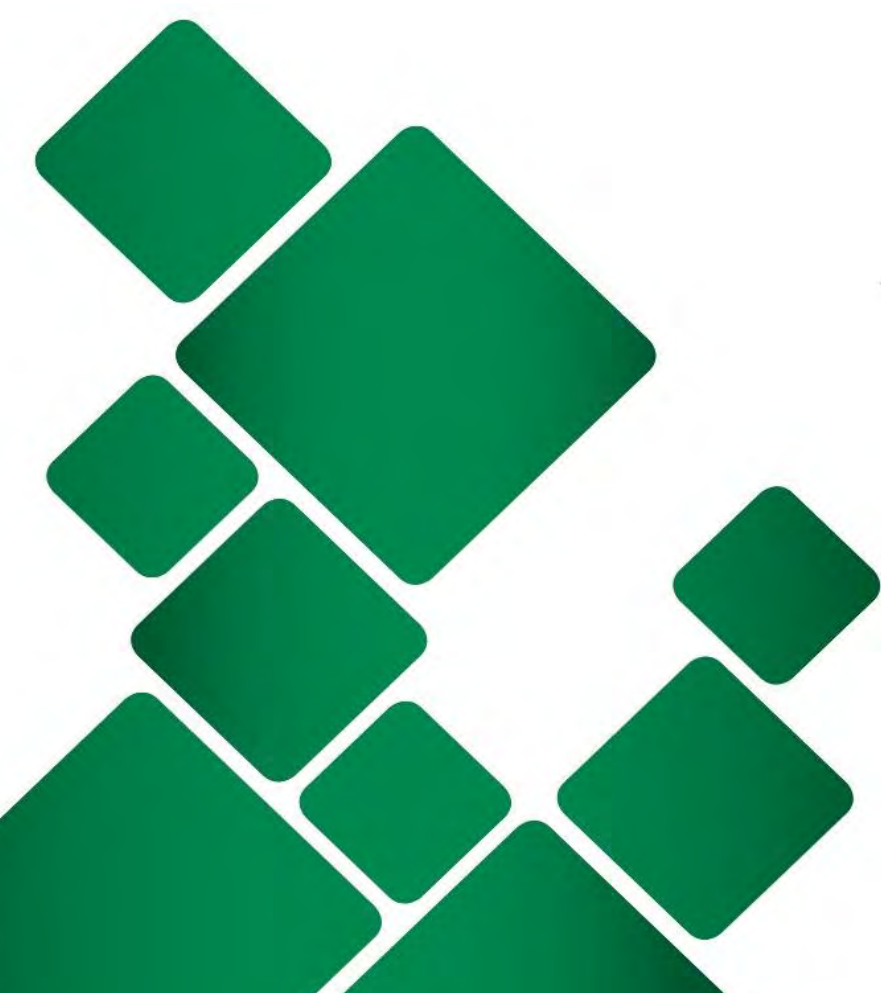
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FIGURE 4-7
REEDY RIVER, AND UPGRADIENT WELLS HYDROGRAPHS
SEMIANNUAL MONITORING REPORT
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

TABLES



**TABLE 3-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC**

Well	Installed By/For		Install Date	Northing	Easting	Ground Elevation (ft-NAVD 88)	TOC Elevation (ft-NAVD 88)	Total Depth of Boring		Screen Length (ft)	Screen Interval			
	Consultant	Client/Owner						ft-bls	ft-NAVD 88		Top	Bottom	Top	Bottom
											ft-bls		ft-NAVD 88	
CSXT PARCEL 1 - FORMER MGP SITE														
MW-7	AES	CSXT	3/1/1996	---	---	933.44	935.74	15	918.44	10	5	15	928.44	918.44
MW-7R	Anchor QEA	Duke Energy	6/1/2017	1104849.061	1574503.135	932.93	936.01	15	917.93	10	5	15	927.93	917.93
MW-8	Duke Engineering	Duke Power	3/1/1999	---	---	933.54	935.99	16	918.04	13	1.7	14.7	931.84	918.84
MW-9	Duke Engineering	Duke Power	3/1/1999	---	---	933.54	936.03	30	903.14	5	25.2	30.2	908.34	903.34
MW-9R	Anchor QEA	Duke Energy	6/1/2017	1104848.766	1574514.012	933.62	936.47	30	903.72	5	21	26	912.62	907.62
MW-10	Duke Engineering	Duke Power	2/1/1999	---	---	941.47	943.39	20	921.97	15	3	18	938.47	923.47
MW-11	Duke Engineering	Duke Power	2/1/1999	---	---	939.49	941.81	26	913.79	10	14	24	925.49	915.49
MW-12	Duke Engineering	Duke Power	2/1/1999	---	---	939.19	941.89	12	927.19	10	1.5	11.5	937.69	927.69
MW-13	Duke Engineering	Duke Power	3/1/1999	---	---	938.08	940.48	23	914.98	10	11.5	21.5	926.58	916.58
MW-13R	Anchor QEA	Duke Energy	6/1/2017	1105219.021	1574610.864	937.93	940.94	23	914.48	10	10	20	927.93	917.93
MW-14	Duke Engineering	Duke Power	3/1/1999	---	---	937.64	940.18	13	924.64	10	2	12	935.64	925.64
MW-15	Duke Engineering	Duke Power	3/1/1999	1105042.194	1574275.573	936.39	939.09	58	877.99	5	50	55	886.39	881.39
MW-16	Duke Engineering	Duke Power	3/1/1999	1105037.868	1574270.95	936.73	938.61	16	920.73	10	5	15	931.73	921.73
MW-17	Duke Engineering	Duke Power	3/1/1999	---	---	933.29	935.22	16	917.29	13.9	1.6	15.5	931.69	917.79
MW-26	Anchor QEA	Duke Energy	6/1/2017	1105207.707	1574618.806	937.90	940.91	58	879.50	10	45	55	892.90	882.90
MW-27	Anchor QEA	Duke Energy	6/1/2017	1105213.38	1574614.926	937.83	940.93	39	899.23	10	25	35	912.83	902.83
MW-28	Anchor QEA	Duke Energy	6/1/2017	1104848.427	1574522.331	933.88	936.69	45	889.28	10	35	45	898.88	888.88
MW-3BR	SynTerra	Duke Energy	4/1/2019	1104216.352	1574138.038	932.99	935.87	67	865.98	5	59.5	64.5	873.49	868.49
MW-36S	SynTerra	Duke Energy	2/3/2020	1104935.479	1574597.267	937.18	940.49	24	913.36	15	5	20	932.18	917.18
MW-36TZ	SynTerra	Duke Energy	2/3/2020	1104929.74	1574591.683	936.89	940.07	49	887.89	5	40	45	896.89	891.89
MW-36BR	SynTerra	Duke Energy	2/5/2020	1104923.156	1574585.34	936.72	940.04	71	865.23	5	63	68	873.72	868.72
MW-37S	SynTerra	Duke Energy	1/23/2020	1104909.383	1574769.02	940.16	943.05	20	920.16	15	5	20	935.16	920.16
MW-37TZ	SynTerra	Duke Energy	1/23/2020	1104910.709	1574776.157	940.15	943.27	70	870.15	5	65	70	875.15	870.15
MW-37BR	SynTerra	Duke Energy	1/23/2020	1104903.652	1574777.329	940.09	943.12	119	821.41	5	111	116	829.09	824.09
MW-42S	SynTerra	Duke Energy	1/29/2020	1104854.691	1574667.584	937.47	940.42	23	914.07	15	5	20	932.47	917.47
MW-42TZ	SynTerra	Duke Energy	1/29/2020	1104850.991	1574658.683	937.04	940.18	58	879.38	5	50	55	887.04	882.04
MW-42BR	SynTerra	Duke Energy	1/29/2020	1104848.136	1574650.469	936.84	939.52	80	857.01	5	72	77	864.84	859.84
CSXT PARCEL 2 - NORTH OF EAST BRAMLETT ROAD														
MW-29S	SynTerra	Duke Energy	2/1/2019	1104564.845	1573975.681	930.25	932.86	15	915.25	10	5	15	925.25	915.25
MW-29TZ	SynTerra	Duke Energy	2/1/2019	1104558.837	1573972.226	930.18	932.92	31	899.18	5	26	31	904.18	899.18
MW-29BR	SynTerra	Duke Energy	1/20/2020	1104562.165	1574007.247	930.36	933.32	89	841.57	5	81	86	849.36	844.36
MW-34S	SynTerra	Duke Energy	12/6/2019	1104723.096	1573982.19	934.82	937.53	25	909.82	15	10	25	924.82	909.82
MW-34TZ	SynTerra	Duke Energy	12/6/2019	1104729.972	1573981.01	935.14	937.91	54	881.14	10	40	50	895.14	885.14
MW-34BR	SynTerra	Duke Energy	12/6/2019	1104727.199	1573988.835	935.11	937.92	111	824.36	5	103	108	832.11	827.11

**TABLE 3-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC**

Well	Installed By/For		Install Date	Northing	Easting	Ground Elevation (ft-NAVD 88)	TOC Elevation (ft-NAVD 88)	Total Depth of Boring		Screen Length (ft)	Screen Interval			
	Consultant	Client/Owner						ft-bls	ft-NAVD 88		Top	Bottom	Top	Bottom
											ft-bls		ft-NAVD 88	
CSXT PARCEL 2 - NORTH OF EAST BRAMLETT ROAD (CONTINUED)														
MW-35S	SynTerra	Duke Energy	1/30/2020	1104737.809	1574399.488	930.06	933.26	17	913.06	10	5	15	925.06	915.06
MW-35TZ	SynTerra	Duke Energy	1/30/2020	1104740.693	1574405.309	930.12	933.51	35	895.12	5	30	35	900.12	895.12
MW-35BR	SynTerra	Duke Energy	6/20/2020	1104694.8	1574334.51	928.05	931.40	153	774.77	10	140	150	788.05	778.05
MW-43S	SynTerra	Duke Energy	5/20/2020	1105249.95	1574448.11	938.17	941.26	24	914.33	15	5	20	933.17	918.17
MW-43TZ	SynTerra	Duke Energy	5/20/2020	1105252.21	1574456.33	938.09	941.45	75	863.57	10	61	71	877.09	867.09
MW-43BR	SynTerra	Duke Energy	6/20/2020	1105254.56	1574463.42	938.06	941.30	113	825.14	5	110	115	828.06	823.06
CSXT PARCEL 3 - VAUGHN LANDFILL/WETLANDS														
MW-1	AES	CSXT	3/1/1996	1104523.176	1574147.694	931.47	934.31	15	916.47	10	5	15	926.47	916.47
MW-2	AES	CSXT	3/1/1996	1104411.968	1573894.503	932.17	934.82	15	917.17	10	5	15	927.17	917.17
MW-2TZ	SynTerra	Duke Energy	11/25/2019	1104390.074	1573935.916	931.61	934.90	32	899.61	5	27	32	904.61	899.61
MW-2BR	SynTerra	Duke Energy	11/22/2019	1104392.204	1573945.340	931.37	934.42	80	851.37	5	55	60	876.37	871.37
MW-3	AES	CSXT	3/1/1996	1104205.179	1574124.530	932.90	935.53	14	918.90	5	9	14	923.90	918.90
MW-3D	AES	CSXT	3/1/1996	1104199.629	1574122.517	932.81	935.41	20	912.81	5	15	20	917.81	912.81
MW-3BR	SynTerra	Duke Energy	4/1/2019	1104216.352	1574138.038	932.99	935.87	65	868.49	5	59.5	64.5	873.49	868.49
MW-3BRL	SynTerra	Duke Energy	1/9/2020	1104230.397	1574122.560	933.44	936.49	105	828.44	5	99	104	834.44	829.44
MW-4	AES	CSXT	3/1/1996	---	---	932.54	935.06	7	925.54	5	2	7	930.54	925.54
MW-6	AES	CSXT	3/1/1996	---	---	930.67	933.24	12	918.67	10	2	12	928.67	918.67
MW-6A	Duke Engineering	Duke Energy	11/1/2005	1103722.942	1574325.996	928.50	931.62	15	913.50	10	5	15	923.50	913.50
MW-18	Duke Engineering	Duke Power	3/1/1999	1103555.790	1574116.247	931.08	933.34	25	906.08	15	9.5	24.5	921.58	906.58
MW-19	Duke Engineering	Duke Power	3/1/1999	1104516.773	1574147.074	931.65	934.20	19	912.65	10	9	19	922.65	912.65
MW-20	Duke Engineering	Duke Power	4/1/1999	1104213.556	1574128.665	933.23	935.71	26	907.73	5	20	25	913.23	908.23
MW-21	Duke Engineering	Duke Power	3/1/1999	1103738.846	1574327.052	930.68	934.53	18	912.68	13	5	18	925.68	912.68
MW-21BR	SynTerra	Duke Energy	2/10/2020	1103722.170	1574332.248	928.00	930.89	44	884.00	5	37	42	891.00	886.00
MW-21BRL	SynTerra	Duke Energy	1/22/2020	1103719.720	1574342.351	928.48	931.51	125	803.48	5	60	65	868.48	863.48
MW-39S	SynTerra	Duke Energy	11/22/2019	1103862.135	1574498.529	935.55	938.60	29	906.55	15	9	24	926.55	911.55
MW-39BR	SynTerra	Duke Energy	12/6/2019	1103861.343	1574509.394	935.25	937.92	53	882.39	5	45	50	890.25	885.25
MW-39BRL	SynTerra	Duke Energy	1/21/2020	1103868.772	1574504.365	935.17	937.91	80	855.17	5	75	80	860.17	855.17
MW-45BR	SynTerra	Duke Energy	6/20/2020	1104261.04	1574088.93	932.83	936.14	94	839.19	10	80	90	852.83	842.83
MW-46BR	SynTerra	Duke Energy	6/20/2020	1104279.97	1574217.44	931.14	934.01	183	748.41	10	170	180	761.14	751.14
MW-47BR	SynTerra	Duke Energy	6/20/2020	1104178.22	1574202.76	932.73	935.96	123	809.38	10	110	120	822.73	812.73
MW-49BR	SynTerra	Duke Energy	2/12/2021	1104230.26	1574193.06	---	934.71	114	---	OB	OB	OB	OB	OB
CSXT PARCEL 4 - REEDY RIVER FLOODPLAIN/WETLANDS														
MW-5	AES	CSXT	3/1/1996	1103060.693	1574402.095	929.58	929.73	14	915.58	10	4	14	925.58	915.58
MW-22	AES	CSXT	4/1/1999	1103063.776	1574406.424	930.47	930.30	37	893.97	10	25	35	905.47	895.47
MW-38S	SynTerra	CSXT	6/20/2020	1103652.26	1574578.32	926.48	929.90	23	903.46	15	5	20	921.48	906.48

TABLE 3-1
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well	Installed By/For		Install Date	Northing	Easting	Ground Elevation (ft-NAVD 88)	TOC Elevation (ft-NAVD 88)	Total Depth of Boring		Screen Length (ft)	Screen Interval			
	Consultant	Client/Owner						ft-bls	ft-NAVD 88		Top	Bottom	Top	Bottom
											ft-bls		ft-NAVD 88	
CSXT PARCEL 4 - REEDY RIVER FLOODPLAIN/WETLANDS (CONTINUED)														
MW-38BR	SynTerra	CSXT	6/20/2020	1103657.07	1574577.86	926.50	929.72	30	896.59	5	42	47	884.50	879.50
MW-40BR	SynTerra	CSXT	2/23/2020	1103053.240	1574410.054	930.17	929.85	80	850.17	10	65	75	865.17	855.17
CSXT PARCEL 5 - REEDY RIVER FLOODPLAIN/WETLANDS														
MW-23	Duke Engineering	Duke Power	5/1/1999	1103037.2	1574608.164	922.25	924.63	43	879.25	10	32.5	42.5	889.75	879.75
MW-24	Duke Engineering	Duke Power	5/1/1999	1103032.223	1574601.039	922.21	926.13	11	911.21	10	0.4	10.4	921.81	911.81
MW-50S	SynTerra	Duke Energy	3/23/2021	1103085.98	1574808.76	926.99	---	15	---	10	5	15	921.99	911.99
MW-50TZ	SynTerra	Duke Energy	3/30/2021	1103075.73	1574811.04	925.81	---	34	---	5	29	34	896.81	891.81
GREENVILLE COUNTY - LEGACY CHARTER ELEMENTARY														
MW-25	Duke Engineering	Duke Power	5/1/1999	---	---	928.53	928.53	17	911.83	15	1	16	927.53	912.53
MW-25R	S&ME	Duke Energy	7/1/2011	1104577.939	1574384.196	930.79	930.75	17	914.19	15	1.6	16.6	929.19	914.19
MW-41S	SynTerra	Duke Energy	10/20/2019	1104448.222	1574485.435	930.13	929.93	20	910.13	15	5	20	925.13	910.13
MW-41TZ	SynTerra	Duke Energy	11/6/2019	1104443.242	1574476.744	929.94	929.52	55	874.94	10	45	55	884.94	874.94
MW-41BR	SynTerra	Duke Energy	10/20/2019	1104435.246	1574465.954	929.92	929.80	99	830.92	10	80	90	849.92	839.92
GREENVILLE COUNTY - SWAMP RABBIT TRAIL														
MW-30S	SynTerra	Duke Energy	12/5/2018	1104136.705	1573788.946	932.60	932.80	20	912.70	15	5	20	927.60	912.60
MW-30TZ	SynTerra	Duke Energy	12/19/2019	1104144.363	1573785.995	932.57	932.54	40	892.57	5	35	40	897.57	892.57
MW-31S	SynTerra	Duke Energy	10/1/2018	1103712.681	1573935.913	932.51	932.11	20	912.51	15	5	20	927.51	912.51
MW-31TZ	SynTerra	Duke Energy	10/1/2018	1103705.803	1573938.694	932.37	932.07	39	893.37	10	28	38	904.37	894.37
MW-32S	SynTerra	Duke Energy	12/19/2019	1103909.294	1573859.880	931.98	931.73	35	896.98	15	20	35	911.98	896.98
MW-32TZ	SynTerra	Duke Energy	12/19/2019	1103904.939	1573861.601	931.74	931.92	66	865.74	10	56	66	875.74	865.74
MW-33S	SynTerra	Duke Energy	12/19/2019	1104902.020	1573641.427	932.12	932.06	20	912.12	15	5	20	927.12	912.12
MW-33TZ	SynTerra	Duke Energy	12/19/2019	1104906.515	1573641.307	931.81	931.24	40	891.81	5	35	40	896.81	891.81
MW-48S	SynTerra	Duke Energy	2/22/2020	1104730.873	1573659.968	932.80	932.56	31	902.00	15	15	30	917.80	902.80
MW-48TZ	SynTerra	Duke Energy	2/23/2020	1104740.919	1573658.275	932.72	932.66	55	877.72	10	45	55	887.72	877.72
CSXT - WEST OF REEDY RIVER														
MW-44TZ	SynTerra	Duke Energy	6/20/2020	1104224.86	1573511.01	938.06	937.59	25	913.10	5	20	25	918.06	913.06
MW-44BR	SynTerra	Duke Energy	6/20/2020	1104231.12	1573523.48	937.74	937.38	59	878.50	10	50	60	887.74	877.74

Prepared by: LWD Checked by: TCK

Notes:

MW-7 - Abandoned monitoring wells

--- - Data is not available or not applicable

ft - feet

bls - below land surface

NAVD 88 - North American Vertical Datum of 1988

OB - open borehole

A full survey of monitoring wells MW-49BR, MW-50S and MW-50TZ to be completed and reported at a later date

TABLE 4-1
SUMMARY OF DEPTH TO WATER MEASUREMENTS (MARCH 2021)
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Location Identification	Monitoring Zone	Measuring Point TOC Elevation (ft-NAVD 88)	Measured Water Level (ft-BTOC)	Groundwater Elevation (ft-NAVD 88)
MONITORING WELLS				
MW-1	Shallow	934.31	6.85	927.46
MW-2TZ	Transition Zone	934.90	10.81	924.09
MW-2BR	Bedrock	934.42	11.07	923.35
MW-3	Shallow	935.53	10.26	925.27
MW-3BR	Bedrock	935.87	11.16	924.71
MW-3BRL	Bedrock	936.49	11.92	924.57
MW-5	Shallow	929.73	9.88	919.85
MW-7R	Shallow	936.01	9.23	926.78
MW-9R	Shallow	936.47	4.66	931.81
MW-13R	Shallow	940.94	4.94	936.00
MW-15	Transition Zone	939.09	8.64	930.45
MW-16	Shallow	938.61	8.87	929.74
MW-20	Transition Zone	935.71	10.64	925.07
MW-21	Shallow	934.53	NM	NM
MW-21BR	Bedrock	930.89	11.08	919.81
MW-21BRL	Bedrock	931.51	12.07	919.44
MW-22	Shallow	930.30	9.87	920.43
MW-25R	Shallow	930.75	3.21	927.54
MW-26	Bedrock	940.91	5.07	935.84
MW-27	Shallow	940.93	4.77	936.16
MW-28	Bedrock	936.69	4.89	931.80
MW-29S	Shallow	932.86	7.90	924.96
MW-29TZ	Transition Zone	932.92	7.89	925.03
MW-29BR	Bedrock	933.32	8.31	925.01
MW-30S	Shallow	932.80	12.91	919.89
MW-30TZ	Transition Zone	932.54	13.16	919.38
MW-31S	Shallow	932.11	14.01	918.10
MW-31TZ	Transition Zone	932.07	14.03	918.04
MW-32S	Shallow	931.73	12.65	919.08
MW-32TZ	Transition Zone	931.92	13.09	918.83
MW-33S	Shallow	932.06	11.53	920.53
MW-33TZ	Transition Zone	931.24	10.75	920.49
MW-34S	Shallow	937.53	9.28	928.25
MW-34TZ	Transition Zone	937.91	10.94	926.97
MW-34BR	Bedrock	937.92	12.48	925.44
MW-35S	Shallow	933.26	4.75	928.51
MW-35TZ	Transition Zone	933.51	5.18	928.33
MW-35BR	Bedrock	931.40	3.75	927.65
MW-36S	Shallow	940.49	8.38	932.11
MW-36TZ	Transition Zone	940.07	8.22	931.85
MW-36BR	Bedrock	940.04	8.18	931.86
MW-37S	Shallow	943.05	8.36	934.69
MW-37TZ	Transition Zone	943.27	9.12	934.15
MW-37BR	Bedrock	943.12	10.08	933.04

TABLE 4-1
SUMMARY OF DEPTH TO WATER MEASUREMENTS (MARCH 2021)
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Location Identification	Monitoring Zone	Measuring Point TOC Elevation (ft-NAVD 88)	Measured Water Level (ft-BTOC)	Groundwater Elevation (ft-NAVD 88)
MONITORING WELLS (Continued)				
MW-38S	Shallow	929.90	4.29	925.61
MW-38BR	Bedrock	929.72	4.37	925.35
MW-39S	Shallow	938.60	11.91	926.69
MW-39BR	Transition Zone	937.92	11.49	926.43
MW-39BRL	Bedrock	937.91	13.07	924.84
MW-40BR	Bedrock	929.85	11.33	918.52
MW-41S	Shallow	929.93	2.02	927.91
MW-41TZ	Transition Zone	929.52	0.40	929.12
MW-41BR	Bedrock	929.80	1.50	928.30
MW-42S	Shallow	940.42	8.68	931.74
MW-42TZ	Transition Zone	940.18	8.43	931.75
MW-42BR	Bedrock	939.52	7.65	931.87
MW-43S	Shallow	941.26	7.18	934.08
MW-43TZ	Transition Zone	941.45	7.47	933.98
MW-43BR	Bedrock	941.30	7.78	933.52
MW-44TZ	Transition Zone	937.59	15.47	922.12
MW-44BR	Bedrock	937.38	14.92	922.46
MW-45BR	Bedrock	936.14	11.96	924.18
MW-46BR	Bedrock	934.01	5.48	928.53
MW-47BR	Bedrock	935.96	12.83	923.13
MW-48S	Shallow	932.56	11.87	920.69
MW-48TZ	Transition Zone	932.66	11.19	921.47
STAFF GAGES				
RI-SG1	NA	927.79	2.23	924.52
RI-SG2	NA	930.31	1.15	925.96
RI-SG3	NA	927.44	0.49	922.43
RIVER GAGES				
RI-RR1	NA	938.68	18.64	920.04
RI-RR2	NA	934.14	15.60	918.54
RI-RR3	NA	929.49	14.20	915.29
RI-RR4	NA	925.81	9.40	916.41

Prepared by: LWD Checked by: TAW

Notes:

Water levels collected on 03/09/2021

BTOC - below top of casing

ft - feet

NAVD 88 - North American Vertical Datum of 1988

NM - not measured

TABLE 4-2
SUMMARY OF VERTICAL HYDRAULIC GRADIENTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Monitoring Zone	Ground Surface Elevation (ft-NAVD 88)	Measured Well Depth (ft-BTOC)	Water Level Elevation Q1-2021 (ft-NAVD 88)	Vertical Gradient and Direction	
MW-2TZ	Transition Zone	931.61	28.50	924.09	0.03	Downward
MW-2BR	Bedrock	931.37	62.84	923.35		
MW-3	Shallow	932.90	16.57	925.27	0.02	Downward
MW-20	Transition Zone	933.23	27.98	925.07		
MW-20	Transition Zone	933.23	27.98	925.07	0.01	Downward
MW-3BR	Bedrock	932.99	67.01	924.71		
MW-3BR	Bedrock	932.99	67.01	924.71	0.00	Downward
MW-3BRL	Bedrock	933.44	107.11	924.57		
MW-7R	Shallow	932.93	18.69	926.78	-0.17	Upward
MW-28	Bedrock	933.88	44.57	931.80		
MW-9R	Shallow	933.62	29.88	931.81	0.00	Downward
MW-28	Bedrock	933.88	44.57	931.80		
MW-13R	Shallow	937.93	23.45	936.00	0.00	Downward
MW-26	Bedrock	937.90	58.50	935.84		
MW-27	Shallow	937.83	38.62	936.16	0.02	Downward
MW-26	Bedrock	937.90	58.50	935.84		
MW-16	Shallow	936.73	17.87	929.74	-0.02	Upward
MW-15	Transition Zone	936.39	57.10	930.45		
MW-21	Shallow	930.68	19.28	NM	---	---
MW-21BR	Bedrock	928.00	45.00	919.81	0.02	Downward
MW-21BR	Bedrock	928.00	45.00	919.81		
MW-21BRL	Bedrock	928.48	67.13	919.44	0.02	Downward
MW-5	Shallow	929.73	15.58	919.85		
MW-40BR	Bedrock	930.17	75.00	918.52	0.05	Downward
MW-22	Shallow	930.47	34.92	920.43		
MW-40BR	Bedrock	930.17	75.00	918.52	0.00	Upward
MW-29S	Shallow	930.25	17.79	924.96		
MW-29TZ	Transition Zone	930.18	34.00	925.03	0.00	Downward
MW-29TZ	Transition Zone	930.18	34.00	925.03		
MW-29BR	Bedrock	930.36	88.79	925.01	0.02	Downward
MW-30S	Shallow	932.80	19.90	919.89		
MW-30TZ	Transition Zone	932.57	41.10	919.38	0.00	Downward
MW-31S	Shallow	932.51	19.75	918.10		
MW-31TZ	Transition Zone	932.37	37.85	918.04	0.01	Downward
MW-32S	Shallow	931.98	34.76	919.08		
MW-32TZ	Transition Zone	931.74	65.51	918.83	0.00	Downward
MW-33S	Shallow	932.12	20.02	920.53		
MW-33TZ	Transition Zone	931.81	40.26	920.49	0.05	Downward
MW-34S	Shallow	934.82	28.59	928.25		
MW-34TZ	Transition Zone	935.14	53.56	926.97	0.03	Downward
MW-34TZ	Transition Zone	935.14	53.56	926.97		
MW-34BR	Bedrock	935.11	110.75	925.44	0.01	Downward
MW-35S	Shallow	930.06	18.44	928.51		
MW-35TZ	Transition Zone	930.12	38.11	928.33	0.01	Downward
MW-35TZ	Transition Zone	930.12	38.11	928.33		
MW-35BR	Bedrock	928.05	153.28	927.65		

TABLE 4-2
SUMMARY OF VERTICAL HYDRAULIC GRADIENTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Monitoring Zone	Ground Surface Elevation (ft-NAVD 88)	Measured Well Depth (ft-BTOC)	Water Level Elevation Q1-2021 (ft-NAVD 88)	Vertical Gradient and Direction	
MW-36S	Shallow	937.18	23.82	932.11	0.01	Downward
MW-36TZ	Transition Zone	936.89	48.73	931.85		
MW-36TZ	Transition Zone	936.89	48.73	931.85	0.00	Upward
MW-36BR	Bedrock	936.72	71.49	931.86		
MW-37S	Shallow	940.16	23.08	934.69	0.01	Downward
MW-37TZ	Transition Zone	940.15	72.94	934.15		
MW-37TZ	Transition Zone	940.15	72.94	934.15	0.02	Downward
MW-37BR	Bedrock	940.09	118.68	933.04		
MW-38S	Shallow	926.48	23.02	925.61	0.01	Downward
MW-38BR	Bedrock	926.50	29.91	925.35		
MW-39S	Shallow	935.55	27.12	926.69	0.01	Downward
MW-39BR	Transition Zone	935.25	52.86	926.43		
MW-39S	Shallow	935.55	27.12	926.69	0.03	Downward
MW-39BRL	Bedrock	935.17	82.65	924.84		
MW-41S	Shallow	930.13	19.96	927.91	-0.03	Upward
MW-41TZ	Transition Zone	929.94	55.65	929.12		
MW-41TZ	Transition Zone	929.94	55.65	929.12	0.02	Downward
MW-41BR	Bedrock	929.92	90.40	928.30		
MW-42S	Shallow	937.47	23.40	931.74	0.00	Upward
MW-42TZ	Transition Zone	937.04	57.66	931.75		
MW-42TZ	Transition Zone	937.04	57.66	931.75	-0.01	Upward
MW-42BR	Bedrock	936.84	79.83	931.87		
MW-43S	Shallow	938.17	23.84	934.08	0.00	Downward
MW-43TZ	Transition Zone	938.09	74.52	933.98		
MW-43TZ	Transition Zone	938.09	74.52	933.98	0.01	Downward
MW-43BR	Bedrock	938.06	112.92	933.52		
MW-44TZ	Transition Zone	938.06	24.96	922.12	-0.01	Upward
MW-44BR	Bedrock	937.74	59.24	922.46		
MW-48S	Shallow	932.80	NM	920.69	-0.03	Upward
MW-48TZ	Transition Zone	932.72	NM	921.47		

Prepared by: LWD Checked by: WTP

Notes:

Water levels were collected within a 24-hour period on 03/09/2021.

'---'- Indicates that data is not available or not applicable

BLS - below land surface

BTOC - below top of casing

ft - feet

NAVD 88 - North American Vertical Datum 1988

Vertical hydraulic gradients (Driscoll, 1986) according to the following equation:

$$i_v = \frac{h_d - h_s}{L_v}$$

Where:

i_v = the vertical hydraulic gradient

h_d = the hydraulic head in the deep well in the nested well pair

h_s = the hydraulic head in the shallow well in the nested well pair

L_v = the vertical distance between the midpoint of the two well screens

TABLE 4-3
SUMMARY OF HORIZONTAL GROUNDWATER GRADIENTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Shallow Zone														
Area	Upgradient Potentiometric Surface Contour h_1 (ft-NAVD 88) ¹	Downgradient Potentiometric Surface Contour h_2 (ft-NAVD 88) ²	K (ft/day) ³	Δh (ft)	Δl (ft) ⁴	Benzene Partition Coefficient (K_d)	Naphthalene Partition Coefficient (K_d)	n_e ⁵	v_s (ft/day)	v_s (ft/yr)	Gradient ($\Delta h/\Delta l$)	Benzene Constituent Velocity (ft/yr) ⁶	Naphthalene Constituent Velocity (ft/yr) ⁶	
Parcel 1	934	932	5.40	2	108	0.25	4.76	0.35	0.285	104.11	0.02	47	4	
Parcel 2	928	926	5.40	2	55	0.25	4.76	0.35	0.559	203.93	0.04	93	8	
Parcel 3	924	922	5.40	2	59	0.25	4.76	0.35	0.523	190.80	0.03	87	8	
									Geometric Mean	0.437	159.41	0.03	72	7
									Average	0.456	166.28	0.03	75	7

Transition Zone														
Area	Upgradient Potentiometric Surface Contour h_1 (ft-NAVD 88) ¹	Downgradient Potentiometric Surface Contour h_2 (ft-NAVD 88) ²	K (ft/day) ³	Δh (ft)	Δl (ft) ⁴	Benzene Partition Coefficient (K_d) ⁷	Naphthalene Partition Coefficient (K_d) ⁷	n_e ⁵	v_s (ft/day)	v_s (ft/yr)	Gradient ($\Delta h/\Delta l$)	Benzene Constituent Velocity (ft/yr) ⁶	Naphthalene Constituent Velocity (ft/yr) ⁶	
Parcel 1	932	930	1.53	2	192	0.25	4.76	0.3	0.053	19.43	0.01	8	1	
Parcel 2	926	924	1.53	2	141	0.25	4.76	0.3	0.073	26.46	0.01	11	1	
Parcel 3	924	922	1.53	2	113	0.25	4.76	0.3	0.090	32.87	0.02	14	1	
									Geometric Mean	0.070	25.67	0.01	11	1
									Average	0.072	26.26	0.01	11	1

TABLE 4-3
SUMMARY OF HORIZONTAL GROUNDWATER GRADIENTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Bedrock Zone														
Area	Upgradient Potentiometric Surface Contour h_1 (ft-NAVD 88) ¹	Downgradient Potentiometric Surface Contour h_2 (ft-NAVD 88) ²	K (ft/day) ³	Δh (ft)	Δl (ft) ⁴	Benzene Partition Coefficient (K_d) ⁸	Naphthalene Partition Coefficient (K_d) ⁸	n_e ⁵	v_s (ft/day)	v_s (ft/yr)	Gradient ($\Delta h/\Delta l$)	Benzene Constituent Velocity (ft/yr) ⁹	Naphthalene Constituent Velocity (ft/yr) ⁹	
Parcel 1	934	932	0.354	2	105	--	--	0.01	0.674	246.09	0.02	246	246	
Parcel 2	930	928	0.354	2	121	--	--	0.01	0.584	213.02	0.02	213	213	
Parcel 3	926	924	0.354	2	125	--	--	0.01	0.569	207.55	0.02	208	208	
									Geometric Mean	0.607	221.59	0.02	222	222
									Average	0.609	222.22	0.02	222	222

Prepared by: LWD Checked by: JPC

Notes:

- ¹ Potentiometric surface elevation shown corresponds to upgradient groundwater contour on Figures 4-1 through 4-3.
- ² Potentiometric surface elevation shown corresponds to downgradient groundwater contour on Figures 4-1 through 4-3.
- ³ Value is the geometric mean of hydraulic conductivities measured in site monitoring wells.
- ⁴ The length of a flow path between an upgradient and downgradient groundwater contour within the same flow zone.
- ⁵ n_e is an assumed effective porosity
- ⁶ constituent velocity calculated as the seepage velocity divided by the retardation factor; the retardation factor was calculated using K_d , bulk density (ρ_d), and n_e
- ⁷ partition coefficients calculated using the fraction organic carbon measured from samples collected from the shallow zone
- ⁸ K_d values could not be estimated for Benzene and Naphthalene because fraction organic carbon values are not available
- ⁹ constituent velocity assumed to equal the groundwater seepage velocity because K_d values could not be estimated and igneous and metamorphic rocks generally have greatly reduced fraction organic carbon and demonstrate limited retardation (ITRC, 2017)

ft - feet

h - potentiometric surface height in feet-NAVD 88

NAVD 88 - North American Vertical Datum 1988

yr - year

l - horizontal distance between two points on separate potentiometric surface contours along the groundwater-flow path

Δh - difference in potentiometric surface elevation between upgradient and downgradient potentiometric surface contours

Δl - horizontal distance between two points on separate potentiometric surface contours (upgradient and downgradient) along the groundwater-flow path

$\Delta h/\Delta l$ - horizontal hydraulic gradient (ft/ft)

Horizontal gradients (Driscoll, 1986) for each flow zone were calculated according to the following equation:

K - horizontal hydraulic conductivity

n_e - effective porosity

v_s - horizontal seepage velocity

K_d - calculated by multiplying the constituent Koc by the fraction organic carbon value

retardation factor - $1 + (K_d * \rho_d) / n_e$

Benzene Koc - 62 (L/Kg)

Naphthalene Koc - 1191 (L/Kg)

Koc - organic carbon-water partitioning coefficient

fraction organic carbon for shallow zone - 0.004

bulk density (ρ_d) - 1.7 (Kg/L)

L/Kg - liters per kilogram

Kg/L - kilograms per liter

TABLE 4-4
SUMMARY OF MONITORED NATURAL ATTENUATION ANALYTICAL PARAMETERS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Hydrostratigraphic Unit	Depth (ft bls)	Sample Collection Date	pH	Temperature	Specific Conductance	Dissolved Oxygen	Oxidation Reduction Potential	Turbidity	Benzene	Naphthalene	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Sulfate	Sulfide	Total Organic Carbon	Location of Monitoring Well
				S.U.	Deg C	µmhos/cm	mg/L	mV	NTUs	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
MW-13R	Shallow	10 - 20	3/11/2021	4.36	18	124	0.42	88	0.8	< 0.001	< 0.001 ^	< 0.050	<0.050	0.296	0.314	34	< 0.10	0.83 j	Upgradient of the existing shallow groundwater plume.
MW-29S	Shallow	5 - 15	3/15/2021	6.92	14	653	0.16	19	4.2	<0.001	<0.001 ^	0.528	0.705	0.154	0.165	18.3	< 0.10	3.7	Sidegradient of the existing shallow groundwater plume.
MW-21	Shallow	5 - 18	3/17/2021	7.05	11	433	0.56	21	0.5	0.00062 j	0.0012 ^	2.04	2.07	0.098	0.104	22.3	< 0.10	3.2	Within the southern portion of the dissolved phase shallow plume.
MW-15	Transition Zone	50 - 55	3/11/2021	5.67	18	125	4.22	59	2.6	< 0.001	<0.001 ^	< 0.0050	0.16	<0.005	0.0037 j	2	< 0.10	< 1.0	Upgradient of the existing transition zone groundwater plume.
MW-39BR	Bedrock	45 - 50	3/17/2021	7.31	12	416	0.68	-57	3.3	< 0.001	< 0.001 ^	1.69	1.86	0.108	0.114	35.7	< 0.10	0.62 j	Sidegradient of the existing transition zone groundwater plume.
MW-29TZ	Transition Zone	26 - 31	3/15/2021	6.73	15	374	0.39	-32	3.5	1.6	1.75 M1^	8.42	10.4	0.114	0.121	< 1.0	< 0.10	8	Within the northern portion of the dissolved phase transition zone plume.
MW-31TZ	Transition Zone	28 - 38	3/10/2021	6.02	20	341	0.29	27	5.9	0.00040 j	< 0.001 ^	6.57	16.2 M1	4.7	4.84 M1	10.3	< 0.10	2.4	Downgradient of the dissolved phase transition zone plume.
MW-43BR	Bedrock	110 - 115	3/11/2021	9.62	17	270	0.71	-31	9.8	<0.001	0.0023 ^	0.379	0.836	0.0417	0.0466	12.3	1.6	22.2	Upgradient of the existing lower bedrock plume.
MW-28	Bedrock	35 - 45	3/11/2021	5.91	20	177	0.9	40	9.4	< 0.001	< 0.001 ^	0.445	0.539	0.162	0.163	20.2	< 0.10	< 1.0 M1	Upgradient of the existing bedrock groundwater plume.
MW-39BRL	Bedrock	75 - 80	3/17/2021	10.76	12	1968	0.43	-41	8	< 0.001	< 0.001 ^	0.0522	0.0918	0.0078	0.0048 j	586	0.54	51.7	Upgradient of the existing bedrock groundwater plume.
MW-38BR	Bedrock	42 - 47	3/16/2021	7.62	11	274	0.2	30	1.9	< 0.001	<0.001 ^	<0.050	< 0.050	0.0119	0.0126	10.3	< 0.10	2.7	Upgradient of the dissolved phase lower bedrock plume.
MW-46BR	Bedrock	170 - 180	3/16/2021	8.75	12	284	0.3	-151	9.9	< 0.001	0.0114 ^	0.26	0.348	0.0063	0.0074	4.2	0.51	4.1	Within the upgradient portion of the dissolved phase lower bedrock plume
MW-29BR	Bedrock	81 - 86	3/15/2021	9.42	16	320	0.32	-17	1.6	0.214	0.25 ^	<0.050	0.0716	< 0.005	< 0.005	0.56 j	< 0.10	0.97 j	Within the central portion of the dissolved phase transition zone plume.
MW-45BR	Bedrock	80 - 90	3/16/2021	10.97	8	693	0.79	29	5.6	0.142	0.172 ^	10.9	0.0643	0.0839	< 0.005	118	0.1	22.8	Within the central portion of the dissolved phase transition zone plume.
MW-47BR	Bedrock	110 - 120	3/16/2021	12.65	11	5814	1.01	1	6.8	0.194	1.63 ^	0.0797	0.159	<0.005	< 0.005	24.1	< 0.10	35.2	Within the central portion of the dissolved phase deep bedrock plume.
MW-44BR	Bedrock	50 - 60	3/10/2021	9.8	21	196	0.29	45	27.8	< 0.001	< 0.001 ^	0.384	0.494	0.0214	0.0214	1.7	< 0.10	1.8	West of Reedy River

Prepared by: EMH Checked by: ICK

Notes:

- Red shading indicates that the monitoring well is screened in the shallow zone
 - Green shading indicates that the monitoring well is screened in the transition zone
 - Yellow shading indicates that the monitoring well is screened in the bedrock zone
- Bold** type indicates that the compound was detected at a concentration greater than the adjusted method detection limit.
- ^ - Sample analyzed by EPA Method 8260D
- < - Concentration not detected at or above the adjusted reporting limit.
- bls - below land surface
- Deg C - degrees Celsius
- ft - feet
- j - Estimated concentration above the adjusted method detection limit and less than the adjusted reporting limit.
- M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.
- µmhos/cm - micromhos per centimeter
- mg/L - milligrams per liter
- mV - millivolts
- NTUs - Nephelometric Turbidity units
- S.U. - standard units

TABLE 4-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter	8260B (VOA and MTBE)							8260B (Other VOC)					
	Benzene	Ethylbenzene	Toluene	Xylene			Methyl tert-butyl ether (MTBE)	2-Butanone (MEK)	Acetone	Chlorobenzene	cis-1,2-Dichloroethene	Diisopropyl ether (DIPE)	
				m&p-Xylenes	o-Xylene	Total Xylene							
Reporting Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Regulatory Standard	0.005	0.7	1	NE	NE	10	0.04	NE	NE	0.1	NE	NE	
Sample ID	Sample Collection Date	Analytical Results											
MW-46BR	3/16/2021	< 0.001	< 0.001	0.00082 j	< 0.002	< 0.001	< 0.001	< 0.001	< 0.005	< 0.025	< 0.001	< 0.001	< 0.001
MW-47BR	3/16/2021	0.194	0.263	1.77	0.881	0.499	1.38	< 0.01	< 0.05	0.253	< 0.01	< 0.01	< 0.01 IK
MW-48S	3/10/2021	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	< 0.005	< 0.025	< 0.001	< 0.001	< 0.001
MW-48TZ	3/10/2021	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	< 0.005	< 0.025	< 0.001	< 0.001	< 0.001
MW-49BR	3/1/2021	0.121 H1,R0	0.0953 H1,R0	0.0379 H1,R0	0.0453 H1,R0	0.0301 H1,R0	0.0754	< 0.02 H1,R0	< 0.1 H1,R0,v1	< 0.5 H1,R0,v1	< 0.02 H1,R0	< 0.02 H1,R0	< 0.02 H1,R0
MW-49BR	3/2/2021	0.281 H1,R0	0.134 H1,R0	0.0367 H1,R0	0.0642 H1,R0	0.043 H1,R0	0.107	< 0.025 H1,R0	< 0.125 H1,R0	< 0.625 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-49BR	3/3/2021	0.518 H1,R0	0.2 H1,R0	0.0748 H1,R0	0.104 H1,R0	0.0674 H1,R0	0.172	< 0.025 H1,R0	< 0.125 H1,R0,v1	< 0.625 H1,R0,v1	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-49BR	2/24/2021	0.0494 H1,R0	0.0466 H1,R0	0.0236 H1,R0	0.022 H1,R0	0.0154 H1,R0	0.0374	< 0.01 H1,R0	< 0.05 H1,R0,v1	< 0.25 H1,R0,v1	< 0.01 H1,R0	< 0.01 H1,R0	< 0.01 H1,R0
MW-49BR	2/24/2021	0.14 H1,R0	0.0201 H1,R0	0.135 H1,R0	0.0299 j,H1,R0	0.0218 H1,R0	0.0518	< 0.02 H1,R0	0.17 H1,R0,v1	< 0.5 H1,R0,v1	< 0.02 H1,R0	< 0.02 H1,R0	< 0.02 H1,R0
MW-49BR	3/4/2021	0.57 H1,R0	0.208 H1,R0	0.0873 H1,R0	0.105 H1,R0	0.0705 H1,R0	0.176	< 0.025 H1,R0	< 0.125 H1,R0,v1	< 0.625 H1,R0,v1	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-50S	3/31/2021	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	< 0.005 IK	< 0.025	< 0.001	< 0.001	< 0.001
MW-50TZ	3/31/2021	< 0.001	< 0.001	< 0.001	< 0.002	< 0.001	< 0.001	< 0.001	< 0.005 IK	< 0.025	< 0.001	< 0.001	< 0.001

Notes:

This table summarizes only constituents detected at concentrations greater than the method detection limit.

- Yellow shading indicates that the compound was detected above a potentially applicable regulatory standard listed in Section 4.11 of the RIWP-A

Bold type indicates that the compound was detected at a concentration greater than the adjusted method detection limit.

† - Risk Based Screening Level (RBSL) referenced in Appendix D, Table 1 of the South Carolina Department of Environmental Health and Control (SCDHEC) Quality Assurance Program Plan for the Underground Storage Tank (UST) Management Division.

< - Concentration not detected at or greater than the adjusted reporting limit.

^ - Sample was analyzed by EPA Method 8260d.

* - Sample was analyzed by EPA Method 8260.

Deg C - degrees Celsius

ft - feet

µmhos/cm - micromhos per centimeter

mg/L - milligrams per liter

mV - millivolts

NA - not analyzed

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

NM - not measured

NTUs -Nephelometric Turbidity Units

PAH - Polycyclic aromatic hydrocarbon

SCDHEC R. 61-58 - South Carolina Department of Health and Environmental Control Regulation 61-58.

S.U. - standard units

SVOC - Semi-volatile organic compounds

VOA - Volatile organic aromatics

VOC - Volatile organic compounds

3g - Due to matrix interference, achieving a constant weight is not possible.

B - Target analyte detected in method blank at or greater than the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.

C8 - Result may be biased high due to carryover from previously analyzed sample.

H1 - Analysis conducted outside the EPA method holding time.

H2 - Extraction or preparation was conducted outside of the recognized method holding time.

H3 - Sample was received or analysis requested beyond the recognized method holding time.

IK - The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

j - Estimated concentration above the adjusted method detection limit and less than the adjusted reporting limit.

L1 - Analyte recovery in the laboratory control sample was above quality control limits. Results may be biased high.

L2 - Analyte recovery in the laboratory control sample was below quality control limits. Results for this analyte in associated samples may be biased low.

M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.

MS - Analyte recovery in the matrix spike was outside quality control limits for one or more of the constituent analytes used in the calculated result.

R0 - The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

R1 - Relative Percent Difference value was outside control limits.

S1 - Data review findings indicate result may be biased, however, data is usable.

v1 - The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2 - The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 - The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

TABLE 4-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter	8260B (Other VOC) (Continued)					8270D (PAH)								
	Methylene chloride	Styrene	Trichloroethene	Vinyl Acetate	Naphthalene	2-Chloronaphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	
Reporting Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
Regulatory Standard	0.005	0.1	0.005	NE	0.025†	NE	NE	NE	NE	NE	NE	0.01	0.0002	
Sample ID	Sample Collection Date	Analytical Results												
MW-46BR	3/16/2021	< 0.005	< 0.001	< 0.001	< 0.002	0.0114 ^	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
MW-47BR	3/16/2021	< 0.05	0.0736	< 0.01	< 0.02 IK	1.63 ^	< 0.01	0.0639	0.0979	0.0031 j	0.0408	< 0.01	< 0.01	< 0.0001
MW-48S	3/10/2021	< 0.005	< 0.001	< 0.001	< 0.002	< 0.001 ^	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
MW-48TZ	3/10/2021	< 0.005	< 0.001	< 0.001	< 0.002	< 0.001 ^	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
MW-49BR	3/1/2021	0.0543 j, H1, RO	< 0.02 H1, RO	< 0.02 H1, RO	< 0.04 H1, RO, L1	2.59 H1, RO ^	< 0.01 H2, RO	0.409 H2, RO	0.672 H2, RO	0.15 H2, RO	0.066 H2, RO	0.0096 j, H2, RO	< 0.01 H2, RO	NA
MW-49BR	3/2/2021	< 0.125 H1, RO	< 0.025 H1, RO	< 0.025 H1, RO	< 0.05 H1, RO	2.47 H1, RO ^	< 0.01 H2, RO	0.565 H2, RO	0.962 H2, RO	0.223 H2, RO	0.0713 H2, RO	0.0128 H2, RO	< 0.01 H2, RO	NA
MW-49BR	3/3/2021	< 0.125 H1, RO	< 0.025 H1, RO	< 0.025 H1, RO	< 0.05 H1, RO, L1	4.05 H1, RO ^	< 0.01 H2, RO	0.446 H2, RO	0.771 H2, RO	0.176 H2, RO	0.0633 H2, RO	0.0102 H2, RO	< 0.01 H2, RO	NA
MW-49BR	2/24/2021	< 0.05 H1, RO	0.0061 j, H1, RO	< 0.01 H1, RO	< 0.02 H1, RO, L1	1.6 H1, RO, M1 ^	< 0.01 H2, RO	0.304 H2, RO	0.502 H2, RO	0.0957 H2, RO	0.115 H2, RO	0.0107 H2, RO	< 0.01 H2, RO	NA
MW-49BR	2/24/2021	< 0.1 H1, RO	0.037 H1, RO	< 0.02 H1, RO	< 0.04 H1, RO, L1	1.92 H1, RO ^	< 0.05 H2, RO	0.44 H2, RO	0.724 H2, RO	0.0474 j, H2, RO	0.357 H2, RO	0.0692 H2, RO	0.0299 j, H2, RO	NA
MW-49BR	3/4/2021	0.0497 j, H1, RO	0.0089 j, H1, RO	< 0.025 H1, RO	< 0.05 H1, RO, L1	4.24 H1, RO ^	< 0.01 H2, RO	0.459 M1, H2, RO	0.791 M1, H2, RO	0.173 M1, H2, RO	0.0701 H2, RO	0.0117 H2, RO	< 0.01 H2, RO	NA
MW-50S	3/31/2021	< 0.005 v2	< 0.001	< 0.001	< 0.002 IK	< 0.001 ^	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
MW-50TZ	3/31/2021	< 0.005 v2	< 0.001	< 0.001	< 0.002 IK	< 0.001 ^	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001

Notes:

This table summarizes only constituents detected at concentrations greater than the method detection limit.

- Yellow shading indicates that the compound was detected above a potentially applicable regulatory standard listed in Section 4.11 of the RIWP-A

Bold type indicates that the compound was detected at a concentration greater than the adjusted method detection limit.

† - Risk Based Screening Level (RBSL) referenced in Appendix D, Table 1 of the South Carolina Department of Environmental Health and Control (SCDHEC) Quality Assurance Program Plan for the Underground Storage Tank (UST) Management Division.

< - Concentration not detected at or greater than the adjusted reporting limit.

^ - Sample was analyzed by EPA Method 8260d.

* - Sample was analyzed by EPA Method 8260.

Deg C - degrees Celsius

ft - feet

µmhos/cm - micromhos per centimeter

mg/L - milligrams per liter

mV - millivolts

NA - not analyzed

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

NM - not measured

NTUs - Nephelometric Turbidity Units

PAH - Polycyclic aromatic hydrocarbon

SCDHEC R. 61-58 - South Carolina Department of Health and Environmental Control Regulation 61-58.

S.U. - standard units

SVOC - Semi-volatile organic compounds

VOA - Volatile organic aromatics

VOC - Volatile organic compounds

3g - Due to matrix interference, achieving a constant weight is not possible.

B - Target analyte detected in method blank at or greater than the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.

C8 - Result may be biased high due to carryover from previously analyzed sample.

H1 - Analysis conducted outside the EPA method holding time.

H2 - Extraction or preparation was conducted outside of the recognized method holding time.

H3 - Sample was received or analysis requested beyond the recognized method holding time.

IK - The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

j - Estimated concentration above the adjusted method detection limit and less than the adjusted reporting limit.

L1 - Analyte recovery in the laboratory control sample was above quality control limits. Results may be biased high.

L2 - Analyte recovery in the laboratory control sample was below quality control limits. Results for this analyte in associated samples may be biased low.

M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.

M5 - Analyte recovery in the matrix spike was outside quality control limits for one or more of the constituent analytes used in the calculated result.

R0 - The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

R1 - Relative Percent Difference value was outside control limits.

S1 - Data review findings indicate result may be biased, however, data is usable.

v1 - The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2 - The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 - The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

TABLE 4-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter	8270D (PAH) (Continued)										8270D (Other SVOC)			
	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene	1,2-Dichlorobenzene	1,3-Dichlorobenzene		
Reporting Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		
Regulatory Standard	0.01	NE	0.01	0.01	0.01	NE	NE	NE	NE	NE	0.6	NE		
Sample ID	Sample Collection Date	Analytical Results												
MW-46BR	3/16/2021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001
MW-47BR	3/16/2021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.0067 j	< 0.01	0.0067 j	< 0.01	< 0.01	< 0.01	< 0.01
MW-48S	3/10/2021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001
MW-48TZ	3/10/2021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001
MW-49BR	3/1/2021	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	0.0031 j,H2,R0	0.0614 H2,R0	< 0.01 H2,R0	0.0651 H2,R0	0.0052 j,H2,R0	< 0.02 H1,R0	< 0.02 H1,R0	< 0.02 H1,R0
MW-49BR	3/2/2021	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	0.0044 j,H2,R0	0.0816 H2,R0	< 0.01 H2,R0	0.0866 H2,R0	0.0069 j,H2,R0	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-49BR	3/3/2021	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	0.0032 j,H2,R0	0.0648 H2,R0	< 0.01 H2,R0	0.0674 H2,R0	0.0052 j,H2,R0	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-49BR	2/24/2021	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	0.0042 j,H2,R0	0.0617 H2,R0	< 0.01 H2,R0	0.0744 H2,R0	0.0074 j,H2,R0	< 0.01 H1,R0	< 0.01 H1,R0	< 0.01 H1,R0
MW-49BR	2/24/2021	0.015 j,H2,R0	< 0.05 H2,R0	< 0.05 H2,R0	0.0196 j,H2,R0	< 0.05 H2,R0	0.0781 H2,R0	0.142 H2,R0	< 0.05 H2,R0	0.353 H2,R0	0.136 H2,R0	< 0.02 H1,R0	< 0.02 H1,R0	< 0.02 H1,R0
MW-49BR	3/4/2021	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	0.0036 j,H2,R0	0.071 H2,R0	< 0.01 H2,R0	0.0746 H2,R0	0.0059 j,H2,R0	< 0.025 H1,R0	< 0.025 H1,R0	< 0.025 H1,R0
MW-50S	3/31/2021	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001
MW-50TZ	3/31/2021	< 0.01 L1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 L1	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001

Notes:

This table summarizes only constituents detected at concentrations greater than the method detection limit.

- Yellow shading indicates that the compound was detected above a potentially applicable regulatory standard listed in Section 4.11 of the RIWP-A

Bold type indicates that the compound was detected at a concentration greater than the adjusted method detection limit.

T - Risk Based Screening Level (RBSL) referenced in Appendix D, Table 1 of the South Carolina Department of Environmental Health and Control (SCDHEC) Quality Assurance Program Plan for the Underground Storage Tank (UST) Management Division.

< - Concentration not detected at or greater than the adjusted reporting limit.

^ - Sample was analyzed by EPA Method 8260d.

* - Sample was analyzed by EPA Method 8260.

Deg C - degrees Celsius

ft - feet

µmhos/cm - micromhos per centimeter

mg/L - milligrams per liter

mV - millivolts

NA - not analyzed

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

NM - not measured

NTUs -Nephelometric Turbidity Units

PAH - Polycyclic aromatic hydrocarbon

SCDHEC R. 61-58 - South Carolina Department of Health and Environmental Control Regulation 61-58.

S.U. - standard units

SVOC - Semi-volatile organic compounds

VOA - Volatile organic aromatics

VOC - Volatile organic compounds

3g - Due to matrix interference, achieving a constant weight is not possible.

B - Target analyte detected in method blank at or greater than the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.

C8 - Result may be biased high due to carryover from previously analyzed sample.

H1 - Analysis conducted outside the EPA method holding time.

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j - Estimated concentration above the adjusted method detection limit and less than the adjusted reporting limit.

L1 - Analyte recovery in the laboratory control sample was above quality control limits. Results may be biased high.

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M0 - Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.

MS - Analyte recovery in the matrix spike was outside quality control limits for one or more of the constituent analytes used in the calculated result.

R0 - The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

R1 - Relative Percent Difference value was outside control limits.

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TABLE 4-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
SEMI ANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter		8270D (Other SVOC) (Continued)								
		1,4-Dichlorobenzene	2,4-Dimethylphenol	2-Methylphenol(o-Cresol)	3&4-Methylphenol(m&p Cresol)	Aniline	Benzoic acid	Benzyl alcohol	Dibenzofuran	Phenol
Reporting Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Regulatory Standard		0.075	NE	NE	NE	NE	NE	NE	NE	NE
Sample ID	Sample Collection Date	Analytical Results								
MW-46BR	3/16/2021	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.02	< 0.01	< 0.01
MW-47BR	3/16/2021	< 0.01	0.0152	< 0.01	0.0071 j	< 0.01	< 0.05	0.0053 j	< 0.01	0.003 j
MW-48S	3/10/2021	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.02	< 0.01	< 0.01
MW-48TZ	3/10/2021	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.02	< 0.01	< 0.01
MW-49BR	3/1/2021	< 0.02 H1,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.05 H2,R0	< 0.02 H2,R0	0.0163 H2,R0	< 0.01 H2,R0
MW-49BR	3/2/2021	< 0.025 H1,R0	0.0274 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.05 H2,R0	< 0.02 H2,R0	0.0218 H2,R0	0.0022 j, H2, R0
MW-49BR	3/3/2021	< 0.025 H1,R0	0.037 H2,R0	< 0.01 H2,R0	0.0031 j, H2, R0	< 0.01 H2,R0	< 0.05 H2,R0	0.0073 j, H2, R0	0.0177 H2,R0	0.0029 j, H2, R0
MW-49BR	2/24/2021	< 0.01 H1,R0	0.0049 j, H2, R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.05 H2,R0	< 0.02 H2,R0	0.0159 H2,R0	< 0.01 H2,R0
MW-49BR	2/24/2021	< 0.02 H1,R0	0.0542 H2,R0	< 0.05 H2,R0	< 0.05 H2,R0	< 0.05 v2, H2, R0	< 0.25 H2,R0	< 0.1 H2,R0	0.0333 j, H2, R0	< 0.05 H2,R0
MW-49BR	3/4/2021	< 0.025 H1,R0	0.0493 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.01 H2,R0	< 0.05 M1, H2, R0	< 0.02 H2,R0	0.0193 H2,R0	0.0034 j, H2, R0
MW-50S	3/31/2021	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.02	< 0.01	< 0.01
MW-50TZ	3/31/2021	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.02	< 0.01	< 0.01

Prepared by: RSB Checked by: PPB/JPC

Notes:

This table summarizes only constituents detected at concentrations greater than the method detection limit.

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µmhos/cm - micromhos per centimeter

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NA - not analyzed

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

NM - not measured

NTUs -Nephelometric Turbidity Units

PAH - Polycyclic aromatic hydrocarbon

SCDHEC R. 61-58 - South Carolina Department of Health and Environmental Control Regulation 61-58.

S.U. - standard units

SVOC - Semi-volatile organic compounds

VOA - Volatile organic aromatics

VOC - Volatile organic compounds

3g - Due to matrix interference, achieving a constant weight is not possible.

B - Target analyte detected in method blank at or greater than the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.

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L1 - Analyte recovery in the laboratory control sample was above quality control limits. Results may be biased high.

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M5 - Analyte recovery in the matrix spike was outside quality control limits for one or more of the constituent analytes used in the calculated result.

R0 - The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.

R1 - Relative Percent Difference value was outside control limits.

S1 - Data review findings indicate result may be biased, however, data is usable.

v1 - The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2 - The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 - The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

**TABLE 4-6
SUMMARY OF MANN-KENDALL TREND ANALYSIS RESULTS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC**

Well ID	Analyte	Number of Samples	Non-Detects	Detects	Percent Non-Detects	Is Trend Analysis Applicable?	Two-Sided P Value	S Value	Trend Conclusion
MW-1	Benzene	12	0	12	0	Yes	6.41E-02	-28	Statistically significant decreasing trend
MW-2	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-2BR	Benzene	4	0	4	0	Yes	7.34E-01	-	Stable, no significant trend
MW-2TZ	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-3	Benzene	8	2	6	25	Yes	3.19E-01	-	Stable, no significant trend
MW-3BR	Benzene	4	0	4	0	Yes	8.94E-02	-6	Statistically significant decreasing trend
MW-3BRL	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-5	Benzene	12	12	0	100	No	-	-	Cannot Analyze for Trends
MW-7R	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-9R	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-13R	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-15	Benzene	11	11	0	100	No	-	-	Cannot Analyze for Trends
MW-16	Benzene	11	11	0	100	No	-	-	Cannot Analyze for Trends
MW-18	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-21	Benzene	21	1	20	5	Yes	6.51E-01	-	Stable, no significant trend
MW-21BR	Benzene	3	1	2	33	No	-	-	Cannot Analyze for Trends
MW-21BRL	Benzene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-22	Benzene	11	11	0	100	No	-	-	Cannot Analyze for Trends
MW-25R	Benzene	19	19	0	100	No	-	-	Cannot Analyze for Trends
MW-26	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-27	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-28	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-29BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-29S	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-29TZ	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-30S	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-30TZ	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-31S	Benzene	5	5	0	100	No	-	-	Cannot Analyze for Trends
MW-31TZ	Benzene	4	2	2	50	No	-	-	Cannot Analyze for Trends
MW-32S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-32TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-33S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-33TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-34BR	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-34S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-34TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-35BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-35S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-35TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-36BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-36S	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-36TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37BR	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-38BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-38S	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-39BR	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-39BRL	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-39S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-40BR	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-41BR	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZL	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-41S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42BR	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-43BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-43S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-43TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-44TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-45BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-46BR	Benzene	3	1	2	33	No	-	-	Cannot Analyze for Trends
MW-47BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-48S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-48TZ	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-49BR	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-1	Naphthalene	12	0	12	0	Yes	1.91E-01	-	Stable, no significant trend
MW-2	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-2BR	Naphthalene	4	0	4	0	Yes	1.00E+00	-	Stable, no significant trend
MW-2TZ	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-3	Naphthalene	8	1	7	12	Yes	2.66E-01	-	Stable, no significant trend
MW-3BR	Naphthalene	4	0	4	0	Yes	7.34E-01	-	Stable, no significant trend
MW-3BRL	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-5	Naphthalene	12	11	1	92	No	-	-	Cannot Analyze for Trends
MW-7R	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-9R	Naphthalene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-13R	Naphthalene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-15	Naphthalene	11	11	0	100	No	-	-	Cannot Analyze for Trends

TABLE 4-6
SUMMARY OF MANN-KENDALL TREND ANALYSIS RESULTS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Analyte	Number of Samples	Non-Detects	Detects	Percent Non-Detects	Is Trend Analysis Applicable?	Two-Sided P Value	S Value	Trend Conclusion
MW-16	Naphthalene	11	11	0	100	No	-	-	Cannot Analyze for Trends
MW-18	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-21	Naphthalene	21	5	16	24	Yes	3.16E-03	-98	Statistically significant decreasing trend
MW-21BR	Naphthalene	3	1	2	33	No	-	-	Cannot Analyze for Trends
MW-21BRL	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-22	Naphthalene	11	10	1	91	No	-	-	Cannot Analyze for Trends
MW-25R	Naphthalene	19	19	0	100	No	-	-	Cannot Analyze for Trends
MW-26	Naphthalene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-27	Naphthalene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-28	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-29BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-29S	Naphthalene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-29TZ	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-30S	Naphthalene	4	3	1	75	No	-	-	Cannot Analyze for Trends
MW-30TZ	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-31S	Naphthalene	5	4	1	80	No	-	-	Cannot Analyze for Trends
MW-31TZ	Naphthalene	4	3	1	75	No	-	-	Cannot Analyze for Trends
MW-32S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-32TZ	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-33S	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-33TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-34BR	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-34S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-34TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-35BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-35S	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-35TZ	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-36BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-36S	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-36TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37BR	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-37TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-38BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-38S	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-39BR	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-39BRL	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-39S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-40BR	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-41BR	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZL	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-41S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42BR	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-42TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-43BR	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-43S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-43TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-44TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-45BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-46BR	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-47BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-48S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-48TZ	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-49BR	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends

Prepared by: RSB Checked by: JPC

Notes:

- Highlighted cells indicate that the well data set is statistically applicable.
Detection limits were adjusted in accordance with USEPA guidelines.

TABLE 4-7
SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter		8260B (VOC)	8270D (PAH)			8270D (SVOC)		
		Tetrachloroethene	Naphthalene	Benzo(a)pyrene	Pyrene	3&4-Methylphenol (m&p Cresol)	Benzo(a)pyrene	cis-1,2-Dichloroethene
Reporting Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SCDHEC R.61-68 Human Health MCLs		NE	0.025†	0.0002	NE	NE	0.0002	NE
Location ID	Sample Collection Date	Analytical Results						
SW-1	3/23/2021	< 0.001	0.00087 j^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-2	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-3	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-4	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-5	3/23/2021	< 0.001	< 0.001 ^	0.00058	0.0022 j	< 0.01	0.00058	< 0.001
SW-6	3/23/2021	< 0.001	1.1^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-7	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-8	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-9	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-10	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-11	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-12	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01 R1	< 0.0001	< 0.001
SW-13	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-14	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-15	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001

TABLE 4-7
SUMMARY OF SURFACE WATER ANALYTICAL RESULTS
SEMIANNUAL MONITORING REPORT
QUARTER 1 AND QUARTER 2, 2021
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Analytical Parameter		8260B (VOC)	8270D (PAH)			8270D (SVOC)		
		Tetrachloroethene	Naphthalene	Benzo(a)pyrene	Pyrene	3&4-Methylphenol (m&p Cresol)	Benzo(a)pyrene	cis-1,2-Dichloroethene
Reporting Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SCDHEC R.61-68 Human Health MCLs		NE	0.025†	0.0002	NE	NE	0.0002	NE
Location ID	Sample Collection Date	Analytical Results						
SW-16	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-17	3/23/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01	< 0.01	< 0.0001	< 0.001
SW-18	4/5/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01 L1	< 0.01	< 0.0001	< 0.001
SW-19	4/5/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01 L1	< 0.01	< 0.0001	< 0.001
SW-20	4/5/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01 L1	< 0.01	< 0.0001	< 0.001
SW-21	4/5/2021	< 0.001	< 0.001 ^	< 0.0001	< 0.01 L1	< 0.01	< 0.0001	< 0.001

Prepared by: PPB Checked by: RSB / JPC

Notes:

This table summarizes only constituents detected at concentrations greater than the method detection limit.

 - Bold highlighted concentrations indicate that the compound was detected at a concentration greater than the SCDHEC R.61-68 Human Health MCLs.

Bold type indicates that the compound was detected at a concentration greater than the adjusted method detection limit.

† - Risk Based Screening Level (RBSL) referenced in Appendix D, Table 1 of the South Carolina Department of Environmental Health and Control (SCDHEC) Quality Assurance Program Plan for the Underground Storage Tank (UST) Management Division.

< - Concentration not detected at or above the adjusted reporting limit.

* - In instances where the reporting limit is greater than the comparative regulatory criteria, the non-detected value is reported as less than the maximum detection limit.

^ - Sample was analyzed by EPA Method 8260D

Deg C - degrees Celsius

ft - feet

j - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

L1 - Analyte recovery in the laboratory control sample was above quality control limits. Results may be biased high.

MCLs - Maximum Contaminant Levels

mg/L - milligrams per liter

mV - millivolts

µmhos/cm - micromhos per centimeter

NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.

NTUs -Nephelometric Turbidity Units

PAH - polycyclic aromatic hydrocarbon

R1 - Relative Percent Difference value was outside control limits.

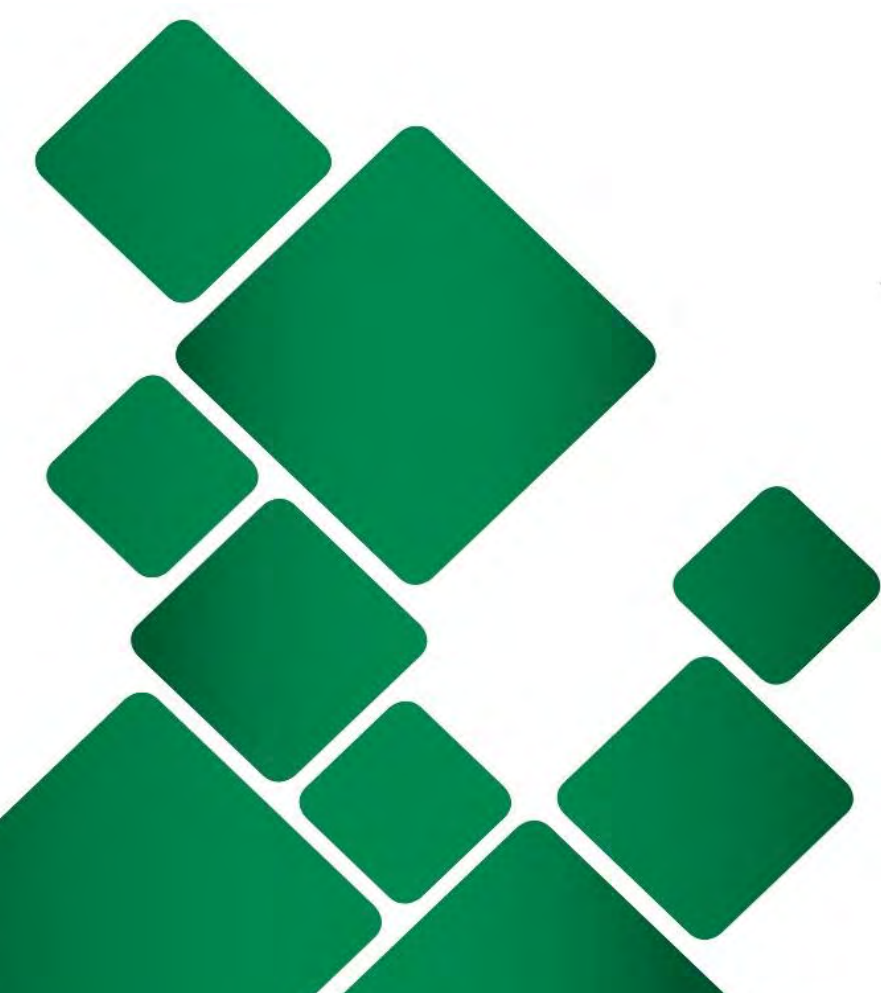
S.U. - standard units

SCDHEC R.61-68 - South Carolina Department of Health and Environmental Control Regulation 61-68.

SVOCs - Semi-volatile organic compounds

VOC - Volatile organic compounds

APPENDIX A
WASTE MANIFESTS





NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

2030121

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Duke Energy Carolinas, LLC.
400 East Bramlett Rd
Greenville, SC 29601

c/o Synterra

Generator's Phone:

6. Transporter 1 Company Name

Robble D. Wood, Inc.

U.S. EPA ID Number

ALD067138891

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

VLS Recovery Services, LLC.
305 S Main St
Mauldin, SC 29662

U.S. EPA ID Number

SCR000762468

Facility's Phone:

864-962-9953

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Non-Hazardous | Non-Regulated
Profile# 30114 | Investigative Derived Water

No.

Type

1

TT

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

Monday, 03.01.2021
Contact: Tom King | 803.429.3668

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

Johnathan Ebanhach

3 | 1 | 21

INT'L

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Paul Gray

3 | 1 | 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DISCREPANCY

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

DESIGNATED FACILITY

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Heather Williams

3 | 1 | 21

GENERATOR

TRANSPORTER

DESIGNATED FACILITY



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
 2. Page 1 of
 3. Emergency Response Phone
 4. Waste Tracking Number **2030121**

5. Generator's Name and Mailing Address: **Duke Energy Carolinas, LLC, 400 East Bramlett Rd, Greenville, SC 29601**
 Generator's Site Address (if different than mailing address): **c/o Synterra**

Generator's Phone:
 6. Transporter 1 Company Name: **Robble D. Wood, Inc.** U.S. EPA ID Number: **ALD067138891**

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address: **VLS Recovery Services, LLC, 305 S Main St, Mauldin, SC 29662** U.S. EPA ID Number: **SCR000782468**
 Facility's Phone: **864-962-9953**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	11		G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:
Monday, 03.01.2021
Contact: Tom King | 803.429.3668

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: **Jonathan Lymbach** Signature: *[Signature]* Month: **3** Day: **1** Year: **21**

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **PAUL GRAY** Signature: *[Signature]* Month: **3** Day: **1** Year: **21**
 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
 17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
 Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
 Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: **Hermin W. Can** Signature: *[Signature]* Month: **3** Day: **1** Year: **21**

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 2030121
Invoice Number : 9255164
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 2,247.00 GLS
Date Received..... : 3/2/2021
Signature : Lance Creasman-Facility Manage

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 2030021
-------------------------------------	------------------------	--------------	-----------------------------	--

5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601	Generator's Site Address (if different than mailing address) c/o Synterra
---	---

6. Transporter 1 Company Name Robble D. Wood, Inc.	U.S. EPA ID Number ALD067138891
--	---


7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29652	U.S. EPA ID Number SCR000752458
--	---


9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT	5000 gals	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
**Tuesday, 03.02.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offorer's Printed/Typed Name Nicholas Hayes	Signature 	Month Day Year 3 2 2021
---	---	-----------------------------------

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name PAUL GRAY	Signature 	Month Day Year 3 2 21
Transporter 2 Printed/Typed Name	Signature	Month Day Year

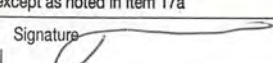
17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
--	--------------------

17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Pep Chhim	Signature 	Month Day Year 02 03 21
--	---	-----------------------------------

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 2030221
Invoice Number : 9255148
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 5,317.00 GLS
Date Received..... : 3/2/2021
Signature : Lance Creasman-Facility Manage

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 1030221
-------------------------------------	------------------------	--------------	-----------------------------	--

5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601	Generator's Site Address (if different than mailing address) c/o Synterra
---	---

6. Transporter 1 Company Name Robbie D. Wood, Inc.	U.S. EPA ID Number ALD067138891
--	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29652	U.S. EPA ID Number SCR000762468
--	---

Facility's Phone: **864-962-9953**


9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT	5000 gals	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
**Tuesday, 03.02.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

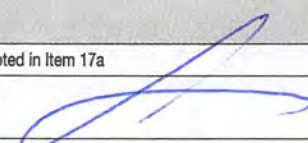
Generator's/Offoror's Printed/Typed Name Wesley Peter	Signature 	Month 03	Day 2	Year 2021
---	---	--------------------	-----------------	---------------------

INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
--------------	--	---

TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name Paul Gray	Signature 	Month 3	Day 2	Year 21
	Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY	17. Discrepancy				
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	17b. Alternate Facility (or Generator)			U.S. EPA ID Number	

DESIGNATED FACILITY	17c. Signature of Alternate Facility (or Generator)				
			Month	Day	Year

DESIGNATED FACILITY	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
	Printed/Typed Name Rep Chhinn	Signature 	Month	Day	Year

GENERATOR

TRANSPORTER

DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... :	1030221
Invoice Number :	9255146
Description :	INVESTIGATION DERIVED WATER
VLS Approval #..... :	30114
Quantity :	5,125.00 GLS
Date Received..... :	3/2/2021
Signature :	Lance Creasman-Facility Manage



34940

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

2030321

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Duke Energy Carolinas, LLC.
400 East Bramlett Rd
Greenville, SC 29601

c/o Synterra

Generator's Phone:

6. Transporter 1 Company Name

Robble D. Wood, Inc.

U.S. EPA ID Number

ALD067138891

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

VLS Recovery Services, LLC.
305 S Main St
Mauldin, SC 29662

U.S. EPA ID Number

SCR000762458

Facility's Phone:

864-962-9953

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1

TT

G

1. Non-Hazardous | Non-Regulated
Profile# 30114 | Investigative Derived Water

2.

3.

4.

13. Special Handling Instructions and Additional Information

Wednesday, 03.03.2021
Contact: Tom King | 803.429.3668

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name

Signature

Month Day Year

Michael Hayes

Michael Hayes

3 | 3 | 21

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/ext.:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Paul Gray

Paul Gray

3 | 3 | 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Rep Chhun

Rep Chhun

03 | 03 | 21

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 2030321
Invoice Number : 9255273
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 5,405.00 GLS
Date Received..... : 3/3/2021
Signature : Lance Creasman-Facility Manage



34940

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 1030321
-------------------------------------	------------------------	--------------	-----------------------------	--

5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601	Generator's Site Address (if different than mailing address) c/o Synterra
---	---

6. Transporter 1 Company Name Robble D. Wood, Inc.	U.S. EPA ID Number ALD067138891
--	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29652	U.S. EPA ID Number SCR000762468
--	---

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT		G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
**Wednesday, 03.03.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeor's Printed/Typed Name Nicholas Hayes	Signature 	Month 3	Day 3	Year 21
--	---------------	-------------------	-----------------	-------------------

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Paul Ginty	Signature 	Month 3	Day 3	Year 21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
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Facility's Phone:	Month	Day	Year
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17c. Signature of Alternate Facility (or Generator)	Month	Day	Year
---	-------	-----	------

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
Printed/Typed Name Steven Williams	Signature 	Month 3	Day 3	Year 21

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

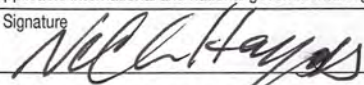




VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 1030321
Invoice Number : 9255274
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 4,472.00 GLS
Date Received..... : 3/3/2021
Signature : Lance Creasman-Facility Manage

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 3030321		
5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601		Generator's Site Address (if different than mailing address) c/o Synterra				
Generator's Phone:						
6. Transporter 1 Company Name Robble D. Wood, Inc.			U.S. EPA ID Number ALD067138891			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29662			U.S. EPA ID Number SCR000752458			
Facility's Phone: 864-962-9953						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water		1	TT		G	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Thursday, 03.04.2021 Contact: Tom King 803.429.3668						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offoror's Printed/Typed Name Nicholas Hayes		Signature 		Month 3	Day 3	Year 21
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name PAUL GARY		Signature 		Month 3	Day 3	Year 21
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name Sharon L. Dean		Signature 		Month 3	Day 3	Year 21

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... :	3030321
Invoice Number :	9255173
Description :	INVESTIGATION DERIVED WATER
VLS Approval #..... :	30114
Quantity :	5,305.00 GLS
Date Received..... :	3/4/2021
Signature :	Lance Creasman-Facility Manage

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 1030321
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5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601	Generator's Site Address (if different than mailing address) c/o Synterra
---	---

6. Transporter 1 Company Name Robbie D. Wood, Inc.	U.S. EPA ID Number ALD067138891
--	---

7. Transporter 2 Company Name	U.S. EPA ID Number
-------------------------------	--------------------

8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29652	U.S. EPA ID Number SCR000762468
--	---

Facility's Phone: **864-962-9953**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT	5000 gals	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
**Thursday, 03.04.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name Nicholas Hayes	Signature 	Month 3	Day 4	Year 21
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15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Paul Gray	Signature 	Month 3	Day 4	Year 21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone: _____	
17c. Signature of Alternate Facility (or Generator)	Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
Printed/Typed Name Rep Chhim	Signature 	Month	Day	Year

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... :	1030321
Invoice Number :	9255281
Description :	INVESTIGATION DERIVED WATER
VLS Approval #..... :	30114
Quantity :	5,211.00 GLS
Date Received..... :	3/4/2021
Signature :	Lance Creasman-Facility Manage



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
 2. Page 1 of
 3. Emergency Response Phone
 4. Waste Tracking Number **3030421**

5. Generator's Name and Mailing Address: **Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601**
 Generator's Site Address (if different than mailing address): **c/o Synterra**
 Generator's Phone:

6. Transporter 1 Company Name: **Robble D. Wood, Inc.** U.S. EPA ID Number: **ALD067138891**

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address: **VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29652** U.S. EPA ID Number: **SCR000762468**
 Facility's Phone: **864-962-9953**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT		G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Thursday, 03.04.2021
Contact: Tom King | 803.429.3668

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's Officer's Printed/Typed Name: *[Signature]* Signature: **Nicholas Hayes** Month: **3** Day: **4** Year: **21**

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **Paul Gray** Signature: *[Signature]* Month: Day: Year:
 Transporter 2 Printed/Typed Name: Signature: Month: **3** Day: **4** Year: **21**

17. Discrepancy
 17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
 Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
 Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
 Printed/Typed Name: *[Signature]* Signature: *[Signature]* Month: **3** Day: **4** Year: **21**



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 3030421
Invoice Number : 9255276
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 5,108.00 GLS
Date Received..... : 3/4/2021
Signature : Lance Creasman-Facility Manage



**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number
2030821

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

**Duke Energy Carolinas, LLC.
400 East Bramlett Rd
Greenville, SC 29601**

c/o Synterra

Generator's Phone:

6. Transporter 1 Company Name

Robble D. Wood, Inc.

U.S. EPA ID Number

ALD067138891

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

**VLS Recovery Services, LLC.
305 S Main St
Mauldin, SC 29662**

U.S. EPA ID Number

SCR000762468

Facility's Phone: **864-962-9953**

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. **Non-Hazardous | Non-Regulated
Profile# 30114 | Investigative Derived Water**

1

TT

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

**Monday, 03.08.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name

Wesley Prater

Signature

Month Day Year

3 | 8 | 21

INT'L

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

PAUL GRAY

Signature

Month Day Year

3 | 8 | 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Thomas Lubben

Signature

Month Day Year

3 | 8 | 21



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 2030821
Invoice Number : 9255326
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 4,765.00 GLS
Date Received..... : 3/8/2021
Signature : Lance Creasman-Facility Manage

[Handwritten Signature]

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 1030821
5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601		Generator's Site Address (if different than mailing address) c/o Synterra		
Generator's Phone:				
6. Transporter 1 Company Name Robble D. Wood, Inc.			U.S. EPA ID Number ALD067138891	
7. Transporter 2 Company Name			U.S. EPA ID Number	
8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29662		U.S. EPA ID Number SCR000762468		
Facility's Phone: 864-962-9953				
GENERATOR	9. Waste Shipping Name and Description		10. Containers	
			No.	Type
	1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water		1	TT
	2.			
	3.			
			11. Total Quantity	12. Unit Wt./Vol.
			5000 gal	G
4.				
13. Special Handling Instructions and Additional Information Monday, 03.08.2021 Contact: Tom King 803.429.3668				
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.				
Generator's/Offeror's Printed/Typed Name NO ONE HERE TO SIGN		Signature		Month Day Year 3 8 21
INT'L	15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit:	
	Transporter Signature (for exports only):		Date leaving U.S.:	
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials			
	Transporter 1 Printed/Typed Name PAUL Gray		Signature	
	Transporter 2 Printed/Typed Name		Signature	
Month Day Year		Month Day Year		Month Day Year
				3 8 21
DESIGNATED FACILITY	17. Discrepancy			
	17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection			
	17b. Alternate Facility (or Generator)		Manifest Reference Number:	
	U.S. EPA ID Number			
Facility's Phone:				
17c. Signature of Alternate Facility (or Generator)				Month Day Year
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a				
Printed/Typed Name Rep Chhlm		Signature		Month Day Year 03 08 21



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 1030821
Invoice Number : 9255331
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 4,835.00 GLS
Date Received..... : 3/8/2021
Signature : Lance Creasman-Facility Manage



NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 3030821
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5. Generator's Name and Mailing Address Duke Energy Carolinas, LLC. 400 East Bramlett Rd Greenville, SC 29601	Generator's Site Address (if different than mailing address) c/o Synterra
---	---

6. Transporter 1 Company Name Robble D. Wood, Inc.	U.S. EPA ID Number ALD067138891
--	---

7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address VLS Recovery Services, LLC. 305 S Main St Mauldin, SC 29662	U.S. EPA ID Number SCR000762468
--	---

Facility's Phone: **864-962-9953**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. Non-Hazardous Non-Regulated Profile# 30114 Investigative Derived Water	1	TT		G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
**Monday, 03.08.2021
Contact: Tom King | 803.429.3668**

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offor's Printed/Typed Name Wesley Prater	Signature 	Month 3	Day 8	Year 21
--	---------------	-------------------	-----------------	-------------------

15. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit:
Transporter Signature (for exports only):		Date leaving U.S.:	

16. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name PAUL GRAY	Signature 	Month 3	Day 8	Year 21
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
--	--------------------

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)	Month	Day	Year
---	-------	-----	------

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name Rep Chh...	Signature 	Month 03	Day 08	Year 21
---	---------------	--------------------	------------------	-------------------

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... : 3030821
Invoice Number : 9255311
Description : INVESTIGATION DERIVED WATER
VLS Approval #..... : 30114
Quantity : 5,139.00 GLS
Date Received..... : 3/8/2021
Signature : Lance Creasman-Facility Manage



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

2080921

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Duke Energy Carolinas, LLC.
400 East Bramlett Rd
Greenville, SC 29601

c/o Synterra

Generator's Phone:

6. Transporter 1 Company Name

Robble D. Wood, Inc.

U.S. EPA ID Number

ALD067138891

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

VLS Recovery Services, LLC.
305 S Main St
Mauldin, SC 29662

U.S. EPA ID Number

SCR000762468

Facility's Phone: 864-962-9953

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Non-Hazardous | Non-Regulated
Profile# 30114 | Investigative Derived Water

No.

Type

1

TT

G

2.

3.

4.

13. Special Handling Instructions and Additional Information

Tuesday, 03.09.2021
Contact: Tom King | 803.429.3668

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeor's Printed/Typed Name

Wesley Parker

Signature

Month Day Year

3 9 21

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

PAUL GRAY

Signature

Month Day Year

3 9 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

DESIGNATED FACILITY

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Heaven [Signature]

Signature

Month Day Year

3 9 21

GENERATOR



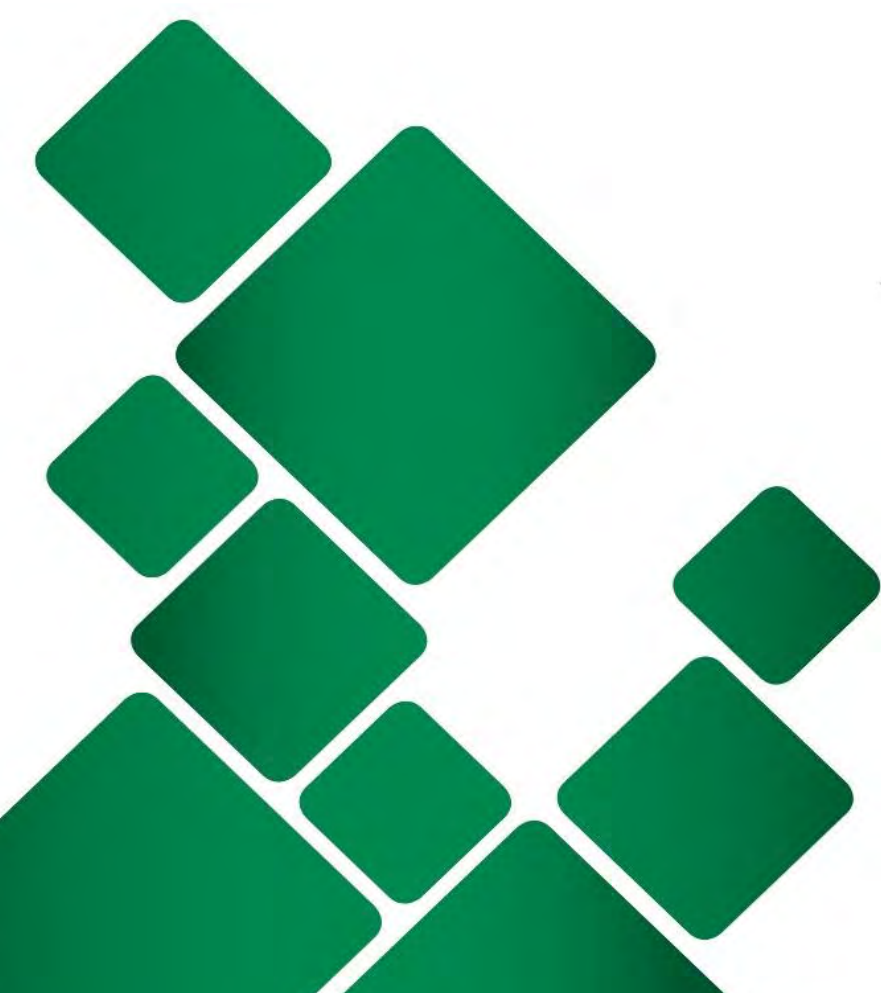
VLS Piedmont, LLC
305 South Main St.
Mauldin SC 29662
Phone: (864) 962-9953

CERTIFICATE OF TREATMENT

I certify that the following material received from
DUKE ENERGY CAROLINAS, LLC
was Recycled at our Industrial Recycling Facility

Shipping Doc #..... :	2080921
Invoice Number	9255401
Description	INVESTIGATION DERIVED WATER
VLS Approval #..... :	30114
Quantity	3,667.00 GLS
Date Received..... :	3/9/2021
Signature	Lance Creasman-Facility Manage

APPENDIX B
FIELD DOCUMENTATION



Bramlette MGP Groundwater Sampling
400 E Bramlett Rd

Well	Install Date	Elevation		Screen Length ft	Screen Interval		Aquifer Zone
		Ground	TOC		Top	Bottom	
				ft-bis			
CSXT PARCEL 1 - FORMER MGP SITE							
MW-7R	Jun-17	932.93	936.01	10	5	15	Shallow
MW-9R	Jun-17	933.62	936.47	5	21	26	Shallow
MW-13R	Jun-17	937.93	940.94	10	10	20	Shallow
MW-15	Mar-99	936.39	939.09	5	50	55	Transition Zone
MW-16	Mar-99	936.73	938.61	10	5	15	Shallow
MW-26	Jun-17	937.90	940.91	10	45	55	Bedrock
MW-27	Jun-17	937.83	940.93	10	25	35	Shallow
MW-28	Jun-17	933.88	936.69	10	35	45	Bedrock
MW-36S	Jan-20	937.18	940.49	15	5	20	Shallow
MW-36TZ	Jan-20	936.89	940.07	5	40	45	Transition Zone
MW-36BR	Feb-20	936.72	940.04	5	63	68	Bedrock
MW-37S	Jan-20	940.16	943.05	15	5	20	Shallow
MW-37TZ	Jan-20	940.15	943.27	5	65	70	Transition Zone
MW-37BR	Jan-20	940.09	943.12	5	111	116	Bedrock
MW-42S	Jan-20	937.47	940.42	15	5	20	Shallow
MW-42TZ	Jan-20	937.04	940.18	5	50	55	Transition Zone
MW-42BR	Jan-20	936.84	939.52	5	72	77	Bedrock
CSXT PARCEL 2 - NORTH OF EAST BRAMLETT ROAD							
MW-29S	Feb-19	930.25	932.86	10	5	15	Shallow
MW-29TZ	Feb-19	930.27	932.90	5	26	31	Transition Zone
MW-29BR	Jan-20	930.36	933.32	5	81	86	Bedrock
MW-34S	Nov-19	934.82	937.53	15	10	25	Shallow
MW-34TZ	Nov-19	935.14	937.91	10	40	50	Transition Zone
MW-34BR	Dec-19	935.11	937.92	5	103	108	Bedrock
MW-35S	Jan-20	930.06	933.26	10	5	15	Shallow
MW-35TZ	Jan-20	930.12	933.51	5	30	35	Transition Zone
MW-35BR	Jun-20	928.05	931.40	10	140	150	Bedrock
MW-43S	May-20	938.17	941.26	15	5	20	Shallow
MW-43TZ	May-20	938.09	941.45	10	61	71	Transition Zone
MW-43BR	Jun-20	938.06	941.30	5	110	115	Bedrock
CSXT PARCEL 3 - VAUGHN LANDFILL/WETLANDS							
MW-1	Mar-96	931.47	934.31	10	5	15	Shallow
MW-2TZ	Nov-19	931.61	934.90	5	27	32	Transition Zone
MW-2BR	Nov-19	931.37	934.42	5	55	60	Bedrock
MW-3	Mar-96	932.90	935.53	5	9	14	Shallow
MW-3BR	Mar-19	932.99	935.87	5	59	64	Bedrock
MW-3BRL	Jan-20	933.44	936.49	5	99	104	Lower Bedrock
MW-18	Mar-99	931.08	933.34	15	9.5	24.5	Transition Zone
MW-20	Apr-99	933.23	935.71	5	20	25	Transition Zone
MW-21	Mar-99	930.68	934.53	13	5	18	Shallow
MW-21BR	Dec-19	928.00	930.89	5	37	42	Bedrock
MW-21BRL	Jan-20	928.48	931.51	5	60	65	Lower Bedrock
MW-39S	Nov-19	935.55	938.60	15	9	24	Shallow
MW-39BR	Dec-19	935.25	937.92	5	45	50	Bedrock
MW-39BRL	Jan-20	935.17	937.91	5	75	80	Lower Bedrock
MW-45BR	Jun-20	932.83	936.14	10	80	90	Bedrock
MW-46BR	Jun-20	931.14	934.01	10	170	180	Bedrock
MW-47BR	Jun-20	932.73	935.96	10	110	120	Bedrock
CSXT PARCEL 4 - REEDY RIVER FLOODPLAIN/WETLANDS							
MW-5	Mar-96	929.73	929.58	10	4	14	Shallow
MW-22	Apr-99	930.47	930.30	10	25	35	Shallow
MW-40BR	Feb-20	930.17	929.85	10	65	75	Bedrock
MW-38S	Jun-20	926.48	929.90	15	5	20	Shallow
MW-38BR	Jun-20	926.50	929.72	5	42	47	Bedrock
CSXT PARCEL 5 - REEDY RIVER FLOODPLAIN/WETLANDS							
GREENVILLE COUNTY - LEGACY CHARTER ELEMENTARY							
MW-25R	Jul-11	930.79	930.75	15	1.6	16.6	Shallow
MW-41S	Oct-19	930.13	929.93	15	5	20	Shallow
MW-41TZ	Nov-19	929.94	929.52	10	45	55	Transition Zone
MW-41BR	Oct-19	929.92	929.80	10	80	90	Bedrock
GREENVILLE COUNTY - SWAMP RABBIT TRAIL							
MW-30S	Dec-18	932.84	932.60	15	4.9	19.9	Shallow
MW-30TZ	Dec-19	932.57	932.54	5	35	40	Transition Zone
MW-31S	Oct-18	932.51	932.11	15	5	20	Shallow
MW-31TZ	Oct-18	932.37	932.07	10	28	38	Transition Zone
MW-32S	Dec-19	931.98	931.73	15	20	35	Shallow
MW-32TZ	Dec-19	931.74	931.92	10	56	66	Transition Zone
MW-33S	Dec-19	932.12	932.06	15	5	20	Shallow
MW-33TZ	Dec-19	931.81	931.24	5	35	40	Transition Zone
MW-48S	Feb-20	932.80	932.56	15	15	30	Shallow
MW-48TZ	Feb-20	932.72	932.66	10	45	55	Transition Zone
CSXT - WEST OF REEDY RIVER							
MW-44TZ	Jun-20	938.06	937.59	5	20	25	Transition Zone
MW-44BR	Jun-20	937.74	937.38	10	50	60	Bedrock

Notes:

- free product in well - DO NOT SAMPLE.
- additional attenuation parameters to be collected

WATER LEVEL SWEEP
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Monitoring Well ID	Measuring Point TOC Elevation (ft-NAVD 88)	Ground Surface Elevation (ft-NAVD 88)	Measured Well Depth (ft-BTOC)	Date	Measured Water Level (ft-BTOC)	Free Product Thickness (ft)
MW-32S	--	--		3/9/21	12.65	ND
MW-32TZ	--	--		3/9/21	13.09	ND
MW-33S	--	--		3/9/21	11.53	ND
MW-33TZ	--	--		3/9/21	10.75	ND
MW-34S	--	--	28.62	3/9/21	9.28	ND
MW-34TZ	--	--	53.30	3/9/21	10.94	ND
MW-34BR	--	--	111.81	3/9/21	12.48	ND
MW-35S	--	--	18.16	3/9/21	4.75	ND
MW-35TZ	--	--	38.14	3/9/21	5.18	ND
MW-35BR	--	--	153.30	3/9/21	3.75	ND
MW-36S	--	--	23.87	3/9/21	8.38	ND
MW-36TZ	--	--	48.80	3/9/21	8.22	ND
MW-36BR	--	--	71.38	3/9/21	8.18	ND
MW-37S	--	--	23.31	3/9/21	8.36	ND
MW-37TZ	--	--	73.21	3/9/21	9.12	ND
MW-37BR	--	--	118.50	3/9/21	10.08	ND
MW-38S	--	--	22.74	3/9/21	4.29	ND
MW-38BR	--	--	49.95	3/9/21	4.37	ND
MW-39S	--	--	27.11	3/9/21	11.91	ND
MW-39BR	--	--	52.90	3/9/21	11.49	ND
MW-39BRL	--	--	83.68	3/9/21	13.07	ND
MW-41S	--	--	20.00	3/9/21	2.02	ND
MW-41TZ	--	--	55.59	3/9/21	0.40	ND
MW-41TZL	--	--	91.30	3/9/21	1.50	ND
MW-42S	--	--	23.35	3/9/21	8.68	ND
MW-42TZ	--	--	57.92	3/9/21	8.43	ND
MW-42BR	--	--	79.95	3/9/21	7.65	ND
MW-43S	--	--	23.85	3/9/21	7.18	ND
MW-43TZ	--	--	65.23	3/9/21	7.47	ND
MW-43BR	--	--	114.52	3/9/21	7.78	ND
MW-44TZ	--	--	25.28	3/9/21	15.47	ND
MW-44BR	--	--	59.80	3/9/21	14.92	ND
MW-45BR	--	--	94.65	3/9/21	11.96	ND
MW-46BR	--	--	184.42	3/9/21	5.48	ND
MW-47BR	--	--	123.36	3/9/21	12.83	ND
STAFF GAGES						
RI-SG1	927.79	922.30	NA	3/9/21	2.23	NA
RI-SG2	930.31	924.47	NA	3/9/21	1.15	NA
RI-SG3	927.44	921.54	NA	3/9/21	0.49	NA
RIVER GAGES						
RI-RR1	938.68	NA	NA		18.64	NA
RI-RR2	934.14	NA	NA		15.60	NA
RI-RR3	929.49	NA	NA		14.20	NA
RI-RR4	925.81	NA	NA		9.40	NA

MW-40BR
3/2/21 11.33 ND
Depth: 75.27'

17.44

MW-43S

H-87 WTT

WATER LEVEL SWEEP
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Monitoring Well ID	Measuring Point TOC Elevation (ft-NAVD 88)	Ground Surface Elevation (ft-NAVD 88)	Measured Well Depth (ft-BTOC)	Date	Measured Water Level (ft-BTOC)	Free Product Thickness (ft)
MONITORING WELLS						
MW-1	933.97	931.35	16.90	3/9/21	6.85	ND
MW-2TZ	--	--	28.58	3/9/21	10.81	ND
MW-2BR	--	--	62.56	3/9/21	11.07	ND
MW-3	935.23	932.66	16.57	3/9/21	10.26	ND
MW-3BR	935.87	932.99	67.01	3/9/21	11.16	ND
MW-3BRL	--	--	107.18	3/9/21	11.92	ND
MW-05	930.10	930.25	15.58	3/9/21	9.88	ND
MW-07R	936.01	932.93	18.69	3/9/21	4.23	ND
MW-09R	936.47	933.62	29.88	3/9/21	4.66	ND
MW-13R	940.18	937.64	23.45	3/9/21	4.94	ND
MW-15	939.07	936.52	57.10	3/9/21	8.04	ND
MW-16	938.75	936.84	17.87	3/9/21	8.87	ND
MW-20	932.83	935.36	27.98	3/9/21	10.64	ND
MW-21	934.42	932.14	20.58			
MW-21BR	--	--	45.28	3/9/21	11.08	ND
MW-21BRL	--	--	67.11	3/9/21	12.07	ND
MW-22	930.08	930.26	35.12	3/9/21	9.87	ND
MW-23	924.23	922.15	45.33			
MW-24	921.92	922.08	13.80			
MW-25R	930.08	930.16	16.38	3/9/21	3.21	ND
MW-26	940.91	937.90	58.40	3/9/21	5.07	
MW-27	940.93	937.83	38.62	3/9/21	4.77	ND
MW-28	936.47	933.88	44.57	3/9/21	4.89	ND
MW-29S	932.86	930.27	17.79	3/9/21	7.90	ND
MW-29TZ	932.90	930.25	34.00	3/9/21	7.89	ND
MW-29BR	--	--	88.90	3/9/21	8.31	ND
MW-30S	932.80	932.6	19.90	3/9/21	12.91	ND
MW-30TZ	--	--		3/9/21	13.16	ND
MW-31S	932.51	932.11	19.75	3/9/21	14.01	ND
MW-31TZ	932.37	932.07	37.85	3/9/21	14.03	ND

Depth: 15.40

15.60 depth

depth: 57.81

MW-48S - - - 3/9/21 11.87 ND
 MW-48TZ - - - 3/9/21 11.19 ND

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60s

MULTI METER TYPE/S#: 17F10 4348

TURBIDITY METER TYPE/S# 191100082164

WELL ID: MW-1
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 16.9 (FT)
DEPTH TO WATER: 6.99 (FT)

PUMP/TUBING INTAKE DEPTH: 12.5 (FT) START PURGE TIME: 1508
START PURGE DATE: 3/15/21 END PURGE TIME: 1520
END PURGE DATE: 3/15/21 FINAL READING TIME: 1520
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/15/21 SAMPLE COLLECTION TIME: 1520

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

440

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1511	7.05	420	15	0.75	329	6.32	-69	2.7	Clear	
1514	7.05	420	15	0.55	325	6.34	-66	1.2	Clear	
1517	7.05	420	15	0.46	325	6.33	-63	1.5	Clear	
1520	7.05	420	15	0.41	324	6.34	-61	0.8	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

Slight petroleum odor

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S# HAOK 15090C043415

WELL ID: MW-02B2

PUMP/TUBING INTAKE DEPTH: 60.34 (FT)

START PURGE TIME: 1044

MEASURING POINT: TOC

START PURGE DATE: 3/10/21

END PURGE TIME: 1100

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/10/21

FINAL READING TIME: 1100

WELL DEPTH: 62.84 (FT)

TOTAL VOLUME PURGED: 0.50 (X.XX GAL)

DEPTH TO WATER: 11.19 (FT)

SAMPLE DATE: 3/10/21

SAMPLE COLLECTION TIME: 1100

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1047	11.92	100	18	1.25	757	7.74	-131	6.42	Clear	
1050	12.35	↓	18	0.70	849	7.85	-127	31.3	Clear	
1053	12.62	↓	18	0.25	871	7.92	-132	4.6	Clear	
1057	12.68	↓	19	0.16	865	7.95	-130	4.9	Clear	
1100	12.91	↓	19	0.13	859	7.98	-128	4.2	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F/01514

TUBITIDY METER TYPE/S# HANNA 15090C043415

WELL ID: MW-02T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 28.50 (FT)
DEPTH TO WATER: 10.84 (FT)

PUMP/TUBING INTAKE DEPTH: 25.00 (FT) START PURGE TIME: 10:10
START PURGE DATE: 3/10/21 END PURGE TIME: 10:41
END PURGE DATE: 3/10/21 FINAL READING TIME: 10:41
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/10/21 SAMPLE COLLECTION TIME: 10:41

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1013	11.08	100	18	0.75	423	7.14	40	14.5	Clear	
1017	11.11	100	18	0.59	423	7.13	35	15.3	Clear	
1021	11.12	↓	18	0.46	423	7.12	32	15.7	Clear	
1024	11.12	↓	18	0.45	422	7.13	30	15.0	Clear	
1027	↓	↓	19	0.42	424	7.15	25	15.3	Clear	Waiting on Turb
1035	↓	↓	19	0.30	561	6.71	-45	5.9	Clear	
1038	↓	↓	19	0.24	564	6.68	-49	5.0	Clear	
1041	↓	↓	19	0.24	571	6.69	-51	3.5	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2S2O8	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50's

MULTI METER TYPE/S#: 17F104348

TURBIDITY METER TYPE/S# 19110C082164

WELL ID: MW-3BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 67.01 (FT)
DEPTH TO WATER: 11.24 (FT)

PUMP/TUBING INTAKE DEPTH: 64.30 (FT)
START PURGE DATE: 3/16/21
END PURGE DATE: 3/16/21
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/16/21

START PURGE TIME: 1054
END PURGE TIME: 1109
FINAL READING TIME: 1109
SAMPLE COLLECTION TIME: 1109

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1057	12.30	100	9	1.55	349	9.93	21	4.5	Clear	
1100	12.54	100	8	1.07	343	9.96	21	6.9		
1103	12.81	100	8	0.89	341	9.95	22	4.9		
1106	12.96	100	8	0.77	349	9.94	23	4.5		
1109	13.11	100	8	0.73	342	9.94	22	5.1		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN

TEMPERATURE (APPROX): 50's

MULTI METER TYPE/S#: MF104348

TUBITIDY METER TYPE/S# 191100082164



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WELL ID: MW-38RL
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 107.11 (FT)
DEPTH TO WATER: 11.98 (FT)

PUMP/TUBING INTAKE DEPTH: 104.50 (FT) START PURGE TIME: 1135
START PURGE DATE: 3/16/21 END PURGE TIME: 1150
END PURGE DATE: 3/16/21 FINAL READING TIME: 1150
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/16/21 SAMPLE COLLECTION TIME: 1150

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1138	12.46	100	11	1.17	2411	7.73	23	3.9	clear	slight HC
1141	12.44	100	12	0.73	2554	7.85	22	3.3		odor
1144	12.45	100	12	0.56	2704	7.91	21	6.6		
1147	12.46	100	12	0.48	2691	7.96	19	4.3		
1150	12.48	100	12	0.47	2674	8.01	16	3.0		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE										✓							
TOTAL ORGANIC CARBON										✓							
F, Cl, SO ₄										✓							
TDS										✓							
TSS										✓							
CHROMIUM (VI)																	✓
RADIUM												✓					

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60S

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S#: 191100082164



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WELL ID: MW-5

PUMP/TUBING INTAKE DEPTH: 11.50 (FT)

START PURGE TIME: 1014

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 1029

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 1029

WELL DEPTH: 15.58 (FT)

TOTAL VOLUME PURGED: 1.25 (X.XX GAL)

SAMPLE COLLECTION TIME: 1029

DEPTH TO WATER: 9.94 (FT)

SAMPLE DATE: 3/15/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1017	10.02	180	14	0.56	294	6.99	5	1.4	clear	
1020	10.00	170	14	0.47	295	6.17	1	1.4	clear	
1023	10.00	170	14	0.40	294	6.21	0	1.0	clear	
1026	10.00	170	15	0.35	293	6.16	-1	0.7	clear	
1029	10.00	170	15	0.35	293	6.17	-2	0.7	clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090C043415



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MS/MSD

WELL ID: W-7R
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 18.69 (FT)
DEPTH TO WATER: 4.29 (FT)

PUMP/TUBING INTAKE DEPTH: 13.69 (FT) START PURGE TIME: 1334
START PURGE DATE: 3/11/21 END PURGE TIME: 1441
END PURGE DATE: 3/11/21 FINAL READING TIME: 1441
TOTAL VOLUME PURGED: 4.00 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1441 *MS/MC*

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1337	4.41	250	18	0.25	282	6.35	-4	52.2	Clear	
1340	4.43		18	0.19	272	6.29	-9	49.2	Clear	
1343			19	0.15	263	6.26	-12	28.6		
1346			19	0.15	263	6.27	-15	29.2		
1349			19	0.15	256	6.30	-18	24.0		Waiting on TURB.
1435			19	0.11	237	6.10	23	9.2		
1438			19	0.09	235	6.09	13	8.2		
1441			19	0.10	238	6.07	10	9.6		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE										✓							
TOTAL ORGANIC CARBON										✓							
F, Cl, SO ₄										✓							
TDS										✓							
TSS										✓							
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

MS/MSD

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____. NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB BSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S# HACH 15090C093415

WELL ID: MW-9^{RSB}R PUMP/TUBING INTAKE DEPTH: 27.38 (FT) START PURGE TIME: 1450
 MEASURING POINT: TOC START PURGE DATE: 3/11/21 END PURGE TIME: 1502
 WELL DIAMETER: 2 (IN) END PURGE DATE: 3/11/21 FINAL READING TIME: 1502
 WELL DEPTH: 29.88 (FT) TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
 DEPTH TO WATER: 4.72 (FT) SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1502

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1453	4.82	190	19	0.82	131	5.18	71	1.5	Clear	
1456	4.82	↓	19	0.77	131	5.13	75	1.3	↓	
1459	↓	↓	18	0.68	130	5.09	78	1.4	↓	
1502	↓	↓	18	0.71	130	5.07	80	1.1	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2S2O8	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17101514

TURBIDITY METER TYPE/S# HACH 150906043415

WELL ID: MW-13R
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.45 (FT)
DEPTH TO WATER: 5.04 (FT)

PUMP/TUBING INTAKE DEPTH: 18.50 (FT) START PURGE TIME: 1021
START PURGE DATE: 3/11/21 END PURGE TIME: 1033
END PURGE DATE: 3/11/21 FINAL READING TIME: 1033
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1033

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

300

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1024 1021	<u>5.18</u>	<u>300</u>	<u>18</u>	<u>0.51</u>	<u>124</u>	<u>4.35</u>	<u>92</u>	<u>1.1</u>	<u>Clear</u>	
1027	↓	↓	<u>18</u>	<u>0.47</u>	<u>124</u>	<u>4.35</u>	<u>90</u>	<u>1.6</u>	↓	
1030	↓	↓	<u>18</u>	<u>0.49</u>	<u>124</u>	<u>4.34</u>	<u>90</u>	<u>1.2</u>	↓	
1033	↓	↓	<u>18</u>	<u>0.42</u>	<u>124</u>	<u>4.36</u>	<u>88</u>	<u>0.8</u>	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS												<input checked="" type="checkbox"/>						
SULFIDE										<input checked="" type="checkbox"/>								
ALKALINITY, BICARBONATE, CARBONATE										<input checked="" type="checkbox"/>								
TOTAL ORGANIC CARBON										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
F, Cl, SO ₄										<input checked="" type="checkbox"/>								
TDS										<input checked="" type="checkbox"/>								
TSS										<input checked="" type="checkbox"/>								
CHROMIUM (VI)																		<input checked="" type="checkbox"/>
RADIUM												<input checked="" type="checkbox"/>						

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70S

MULTI METER TYPE/S#: 17104348

TUBIDITY METER TYPE/S#: 19110C082164



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WELL ID: MW-15

MEASURING POINT: TOC

WELL DIAMETER: 2 (IN)

WELL DEPTH: 57.12 (FT)

DEPTH TO WATER: 8.70 (FT)

PUMP/TUBING INTAKE DEPTH: 52.50 (FT)

START PURGE DATE: 3/11/21

END PURGE DATE: 3/11/21

TOTAL VOLUME PURGED: 0.75 (X.XX GAL)

SAMPLE DATE: 3/11/21

START PURGE TIME: 1211

END PURGE TIME: 1223

FINAL READING TIME: 1223 TAW

SAMPLE COLLECTION TIME: 1223

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

40 ml
amber vial
w/24-14
phosphoric
acid
solution
bottle broke

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1214	9.09	240	17	4.30	123	5.48	58	6.80	Clear	
1217	8.94	180	18	4.30	123	5.63	55	2.9	Clear	
1220	8.95	180	18	4.27	123	5.68	56	2.8	Clear	
1223	8.95	180	18	4.22	123	5.67	59	2.6	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO UTV

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70S

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S# A110C082164

WELL ID: MW-16
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 17.90 (FT)
DEPTH TO WATER: 8.93 (FT)

PUMP/TUBING INTAKE DEPTH: 12.00 (FT) START PURGE TIME: 1240
START PURGE DATE: 3/11/21 END PURGE TIME: 1255
END PURGE DATE: 3/11/21 FINAL READING TIME: 1255
TOTAL VOLUME PURGED: 0.75 (X.XX GAL) SAMPLE COLLECTION TIME: 1255
SAMPLE DATE: 3/11/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1243	8.95	170	17	0.61	947	6.48	48	9.5	Clear	
1246	8.96	170	17	0.63	946	6.51	48	8.1	Clear	
1249	8.96	170	17	0.47	948	6.52	48	8.2		
1252	8.96	170	17	0.42	947	6.52	49	6.8		
1255	8.96	170	17	0.39	950	6.53	50	5.0		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

FIELD VEHICLE ACCESSIBLE YES NO UTV

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramble

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBITUDY METER TYPE/S# HACH 15090C043415

WELL ID: MW-18
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 87.43 (FT)
DEPTH TO WATER: 14.87 (FT)

PUMP/TUBING INTAKE DEPTH: 20.00 (FT) START PURGE TIME: 0950
START PURGE DATE: 3/16/21 END PURGE TIME: 1002
END PURGE DATE: 3/16/21 FINAL READING TIME: 1002
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/16/21 SAMPLE COLLECTION TIME: 1002

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0953	14.90	280	14	1.52	286	6.22	-12	6.7	Clear	
0956	14.94	↓	14	0.47	287	6.23	-14	4.6	↓	
0959	↓	↓	14	0.30	288	6.19	-13	2.9	↓	
1002	↓	↓	13	0.23	288	6.19	-13	2.9	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



148 River Street, Suite 220
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(864) 421-9999 • (864) 421-9909 Fax
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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50s

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S#: 191100-82164

WELL ID: MW-21
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 17.87 (FT)
DEPTH TO WATER: 11.00 (FT)

PUMP/TUBING INTAKE DEPTH: 14.00 (FT)
START PURGE DATE: 3/17/21
END PURGE DATE: 3/17/21
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/17/21

START PURGE TIME: 0912
END PURGE TIME: 0927
FINAL READING TIME: 0927
SAMPLE COLLECTION TIME: 0927

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
350

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0915	11.20	350	11	1.27	440	7.06	19	2.2	Clear	
0918	11.21	350	11	0.95	436	7.06	18	5.0	Clear	
0921	11.21	350	11	0.79	435	7.03	19	1.3	Clear	
0924	11.21	350	11	0.66	434	7.06	20	0.7	Clear	
0927	11.21	350	11	0.56	433	7.05	21	0.5	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	MgSO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50's

MULTI METER TYPE/S#: 17F104348

TUBITIDY METER TYPE/S# 191100082164

WELL ID: MW-21BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 45.00 (FT)
DEPTH TO WATER: 11.85 (FT)

PUMP/TUBING INTAKE DEPTH: 42.5 (FT)
START PURGE DATE: 3/17/21
END PURGE DATE: 3/17/21
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/17/21

START PURGE TIME: 1119
END PURGE TIME: 1131
FINAL READING TIME: 1131
SAMPLE COLLECTION TIME: 1131

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
120

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1122	12.09	120	12	0.96	476	6.65	16	6.0	clear w	fines
1125	12.10	120	12	0.65	495	6.66	13	3.1	Clear	
1128	12.11	120	13	0.50	505	6.68	10	1.6	Clear	
1131	12.11	120	13	0.47	509	6.69	9	3.2	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50°

MULTI METER TYPE/S#: 17F104348

TURBIDITY METER TYPE/S#: F1100082164

WELL ID: MW-21 BRL

PUMP/TUBING INTAKE DEPTH: 64.63 (FT)

START PURGE TIME: 0951

MEASURING POINT: TOC

START PURGE DATE: 3/17/21

END PURGE TIME: 1051

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/17/21

FINAL READING TIME: 1051

WELL DEPTH: 67.13 (FT)

TOTAL VOLUME PURGED: 2.22 (X.XX GAL)

SAMPLE COLLECTION TIME: 1051

DEPTH TO WATER: 12.24 (FT)

SAMPLE DATE: 3/17/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

140

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0954	12.78	140	11	0.99	209	9.16	28	35.2	Cloudy	
0957	12.81	140	10	0.72	208	9.15	26	29.0	Cloudy	
1000	12.83	140	11	0.61	207	9.17	26	29.3	Cloudy	
1003	12.85	140	11	0.56	209	9.19	26	19.0	Cloudy	
waiting on Turbidity										
1045	12.90	140	11	0.40	215	9.14	26	11.8	Clear	
1048	12.90	140	11	0.39	215	9.13	26	12.3	Clear	
1051	12.90	140	11	0.39	216	9.11	26	10.3	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Dup
FD-03

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

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To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Brambleton MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60's

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S#: F110C082164



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WELL ID: MW-22
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 34.92 (FT)
DEPTH TO WATER: 10.25 (FT)

PUMP/TUBING INTAKE DEPTH: 30.60 (FT)
START PURGE DATE: 3/15/21
END PURGE DATE: 3/15/21
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/15/21

START PURGE TIME: 0922
END PURGE TIME: 0937
FINAL READING TIME: 0937
SAMPLE COLLECTION TIME: 0937

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

150

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0925	10.52	150	16	2.00	180	5.68	22	5.1	Clear w/	finer
0928	10.53	150	16	1.82	180	5.85	25	10.2	Clear w/	finer
0931	10.55	150	16	1.69	178	5.69	28	13.1	Clear w/	finer
0934	10.57	150	16	1.65	178	5.66	30	10.3	Clear w/	finer
0937	10.57	150	16	1.60	177	5.69	31	7.3	1	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

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To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F10/S14

TUBITIDY METER TYPE/S# HACH 15090CO43415

WELL ID: MW-2SK
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 16.21 (FT)
DEPTH TO WATER: 3.23 (FT)

PUMP/TUBING INTAKE DEPTH: 9.25 (FT) START PURGE TIME: 1214
START PURGE DATE: 3/15/21 END PURGE TIME: 1311
END PURGE DATE: 3/15/21 FINAL READING TIME: 1311
TOTAL VOLUME PURGED: 3.25 (X.XX GAL)
SAMPLE DATE: 3/15/21 SAMPLE COLLECTION TIME: 1311

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

200

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1217	3.75	200	16	0.32	194	5.92	15	38.6	w/Floc	
1220	3.75	↓	16	0.22	194	5.91	8	26.7	↓	
1223	↓	↓	16	0.18	193	5.89	6	23.3	↓	
1226	↓	↓	16	0.16	193	5.86	7	31.6	↓	Waiting on Turb.
1311	↓	↓	17	0.11	193	5.86	7	9.0	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramble Hill

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: HACH 15090C043415

WELL ID: MW-26
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: 58.50 (FT)
DEPTH TO WATER: 5.16 (FT)

PUMP/TUBING INTAKE DEPTH: 53.5 (FT) START PURGE TIME: 0927
START PURGE DATE: 3/11/21 END PURGE TIME: 0939
END PURGE DATE: 3/11/21 FINAL READING TIME: 0939
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 0939

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0930	5.58	100	16	1.18	710	11.77	-18	1.2	Clear	
0933	5.61	↓	16	0.90	732	11.78	-14	1.4	↓	
0936	5.63	↓	16	0.80	736	11.77	-12	1.8	↓	
0939	5.64	↓	16	0.83	715	11.79	-12	1.3	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

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To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Brumlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S#: HACH 15090643415

WELL ID: MW-27
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 38.62 (FT)
DEPTH TO WATER: 4.87 (FT)

PUMP/TUBING INTAKE DEPTH: 33.5 (FT) START PURGE TIME: 6945
START PURGE DATE: 3/11/21 END PURGE TIME: 1009
END PURGE DATE: 3/11/21 FINAL READING TIME: 1009
TOTAL VOLUME PURGED: 2.00 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1009

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0948	4.95	300	17	0.45	69	6.50	57	7.5	Clear	
0951	4.96		17	0.89	67	5.56	78	6.4		
0954			17	0.84	65	5.17	84	4.4		
0957			17	0.81	65	4.95	84	5.7		
1000			17	0.78	65	4.90	80	4.5		
1003			17	0.75	65	4.76	81	3.6		
1006			17	0.73	65	4.74	79	3.5		
1009			17	0.73	65	4.76	74	3.6		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NI(OH)	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

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To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S# HACH 15090C093 415

WELL ID: MW-28

PUMP/TUBING INTAKE DEPTH: 39.57 (FT)

START PURGE TIME: 1354

MEASURING POINT: TOC

START PURGE DATE: 3/11/21

END PURGE TIME: 1406

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/11/21

FINAL READING TIME: 1406

WELL DEPTH: 44.57 (FT)

TOTAL VOLUME PURGED: 0.50 (X.XX GAL)

DEPTH TO WATER: 4.92 (FT)

SAMPLE DATE: 3/11/21

SAMPLE COLLECTION TIME: 1406

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1357	5.71	100	19	1.14	180	5.95	31	14.2	clear	
1400	5.96	↓	20	0.79	177	5.95	33	9.8	↓	
1403	5.99	↓	20	0.87	176	5.89	38	4.9	↓	
1406	6.18	↓	20	0.90	177	5.91	40	9.4	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS												✓						
SULFIDE															✓			
ALKALINITY, BICARBONATE, CARBONATE										✓								
TOTAL ORGANIC CARBON											✓							
F, Cl, SO ₄										✓								
TDS										✓								
TSS										✓								
CHROMIUM (VI)																		✓
RADIUM												✓						

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSD GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBITIDY METER TYPE/S# HACH 15090C043415



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WELL ID: MW-29BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 88.79 (FT)
DEPTH TO WATER: 8.43 (FT)

PUMP/TUBING INTAKE DEPTH: 84.30 (FT) START PURGE TIME: 1344
START PURGE DATE: 3/15/21 END PURGE TIME: 1356
END PURGE DATE: 3/15/21 FINAL READING TIME: 1356
TOTAL VOLUME PURGED: 0.50 (X.XX GAL) SAMPLE COLLECTION TIME: 1356
SAMPLE DATE: 3/15/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1347	8.82	100	16	0.64	316	9.16	-13	1.8	Clear	
1350	8.98	↓	16	0.44	319	9.34	-16	3.3	↓	
1353	9.08	↓	16	0.37	320	9.39	-17	4.2	↓	
1356	9.15	↓	16	0.32	320	9.42	-17	1.6	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: YSI 17FI4514

TURBIDITY METER TYPE/S# HACH 15090 C043415

WELL ID: MW-095

PUMP/TUBING INTAKE DEPTH: 12.80 (FT)

START PURGE TIME: 1519

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 1531

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 1531

WELL DEPTH: 17.79 (FT)

TOTAL VOLUME PURGED: 0.75 (X.XX GAL)

DEPTH TO WATER: 7.99 (FT)

SAMPLE DATE: 3/15/21

SAMPLE COLLECTION TIME: 1531

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1522	8.07	250	14	0.26	653	6.88	29	5.8	clear	
1525	8.07	↓	14	0.20	652	6.88	25	4.9	↓	
1528	↓	↓	14	0.17	654	6.90	22	5.1	↓	
1531	↓	↓	14	0.16	653	6.92	19	4.2	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE										✓							
TOTAL ORGANIC CARBON											✓						
F, CL, SO ₄										✓							
TDS										✓							
TSS										✓							
CHROMIUM (VI)																	✓
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090C043415

WELL ID: MW-29T2

PUMP/TUBING INTAKE DEPTH: 31.27 (FT)

START PURGE TIME: 1430

MEASURING POINT: TOC

START PURGE DATE: 3/19/21

END PURGE TIME: 1440

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/19/21

FINAL READING TIME: 1440

WELL DEPTH: 33.77 (FT)

TOTAL VOLUME PURGED: 0.50 (X.XX GAL)

DEPTH TO WATER: 8.00 (FT)

SAMPLE DATE: 3/19/21

SAMPLE COLLECTION TIME: 1442

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1433	8.56	100	15	0.63	374	6.85	-36	4.1	Clear	
1436	8.63	↓	15	0.48	374	6.77	-34	5.4	↓	
1439	8.67	↓	15	0.41	374	6.73	-32	4.3	↓	
1442	8.69	↓	15	0.39	374	6.73	-32	3.5	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F10 1514

TURBIDITY METER TYPE/S#: HACH 15090C043415

WELL ID: MW-305
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 19.90 (FT)
DEPTH TO WATER: 12.90 (FT)

PUMP/TUBING INTAKE DEPTH: 16.00 (FT)
START PURGE DATE: 3/10/21
END PURGE DATE: 3/10/21
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/10/21

START PURGE TIME: 1454
END PURGE TIME: 1512
FINAL READING TIME: 1512
SAMPLE COLLECTION TIME: 1512

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
300

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1457	13.02	300	18	0.85	125	5.79	53	22.5	Clear	
1500	13.00	↓	18	0.69	159	5.84	46	13.7	↓	
1503	↓	↓	17	0.61	184	5.92	39	8.3	↓	
1506	↓	↓	18	0.58	192	5.96	35	8.9	↓	
1509	↓	↓	18	0.55	199	6.04	29	6.5	↓	
1512	↓	↓	18	0.52	205	6.05	26	6.1	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 150906043415



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WELL ID: MW-30T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 41.10 (FT)
DEPTH TO WATER: 13.28 (FT)

PUMP/TUBING INTAKE DEPTH: 37.50 (FT)
START PURGE DATE: 3/10/21
END PURGE DATE: 3/10/21
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/10/21

START PURGE TIME: 1416
END PURGE TIME: 1442
FINAL READING TIME: 1442
SAMPLE COLLECTION TIME: 1442

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1419	13.88	100	21	0.90	326	6.50	28	9.0	Clear	
1422	14.00		21	0.45	327	6.40	20	9.1		
1425	14.09		21	0.33	321	6.30	18	11.3		
1428	14.12		20	0.30	314	6.24	18	11.1		
1431	14.17		20	0.35	305	6.14	21	13.4		
1434	14.18		20	0.35	301	6.10	22	11.7		
1437	14.21		20	0.36	298	6.13	21	12.4		waiting on Turb.
1442	14.61	✓	20	0.32	301	6.15	21	9.97	✓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE										✓								
TOTAL ORGANIC CARBON										✓								
F, CL, SO ₄										✓								
TDS										✓								
TSS										✓								
CHROMIUM (VI)																		✓
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: YSI WP101514

TURBIDITY METER TYPE/S# HACH 15090C043415



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WELL ID: MW-315
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 19.75 (FT)
DEPTH TO WATER: 14.02 (FT)

PUMP/TUBING INTAKE DEPTH: 15.06 (FT) START PURGE TIME: 1321
START PURGE DATE: 3/10/21 END PURGE TIME: 1333
END PURGE DATE: 3/10/21 FINAL READING TIME: 1333
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/10/21 SAMPLE COLLECTION TIME: 1333

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1324	14.09	200	20	0.34	263	5.88	32	7.5	Clear	
1327	↓	↓	20	0.24	261	5.84	28	5.2	↓	
1330	↓	↓	19	0.22	260	5.89	25	4.3	↓	
1333	↓	↓	20	0.19	259	5.86	21	3.5	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090 C043415

WELL ID: MW-3ITZ
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 37.84 (FT)
DEPTH TO WATER: 14.13 (FT)

PUMP/TUBING INTAKE DEPTH: 32.85 (FT)
START PURGE DATE: 3/10/21
END PURGE DATE: 3/10/21
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/10/21

START PURGE TIME: 1304
END PURGE TIME: 1316
FINAL READING TIME: 1316
SAMPLE COLLECTION TIME: 1316

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

120

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1307	14.48	120	19	0.59	337	6.10	34	4.25	Clear	
1310	14.42	↓	20	0.40	341	6.05	31	4.18	Clear	
1313	14.40	↓	20	0.32	341	6.01	29	5.49	Clear	
1316	↓	↓	20	0.29	341	6.02	27	5.9	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON										✓								
F, Cl, SO ₄										✓	✓							
TDS										✓								
TSS										✓								
CHROMIUM (VI)										✓								
RADIUM																		✓

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S# 191100082164

WELL ID: MW-32TZ
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 65.77 (FT)
DEPTH TO WATER: 13.09 (FT)

PUMP/TUBING INTAKE DEPTH: 61.0 (FT) START PURGE TIME: 1501
START PURGE DATE: 3/10/21 END PURGE TIME: 1513
END PURGE DATE: 3/10/21 FINAL READING TIME: 1513
TOTAL VOLUME PURGED: 1.27 (X.XX GAL)
SAMPLE DATE: 3/10/21 SAMPLE COLLECTION TIME: 1513

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
400

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1504	13.11	400	17	1.75	169	5.94	64	24.5	Clear w/fines	
1507	13.11	400	17	2.36	151	5.96	64	9.8	Clear	
1510	13.11	400	17	2.34	149	6.00	65	6.1	Clear	
1513	13.11	400	17	2.33	149	6.00	65	4.6	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090 C043415



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WELL ID: MW-335
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 20.02 (FT)
DEPTH TO WATER: 11.54 (FT)

PUMP/TUBING INTAKE DEPTH: 12.50 (FT)
START PURGE DATE: 3/10/21
END PURGE DATE: 3/10/21
TOTAL VOLUME PURGED: 1.50^{X.XX} GAL
SAMPLE DATE: 3/10/21

START PURGE TIME: 1208
END PURGE TIME: 1223
FINAL READING TIME: 1223
SAMPLE COLLECTION TIME: 1223

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

400

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1211	11.61	400	18	0.22	540	6.32	10	10.2	Clear	
1214	11.60		18	0.21	554	6.30	8	6.5	Clear	
1217			18	0.19	660	6.29	6	5.0		
1220			18	0.20	685	6.28	6	3.8		
1223			18	0.22	714	6.30	5	2.8		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NAOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE										✓								
TOTAL ORGANIC CARBON											✓							
F, CL, SO ₄										✓								
TDS										✓								
TSS										✓								
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60's

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S# 1110C082164



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WELL ID: MW-34BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 111.03 (FT)
DEPTH TO WATER: 12.52 (FT)

PUMP/TUBING INTAKE DEPTH: 106.25 (FT)
START PURGE DATE: 3/15/21
END PURGE DATE: 3/15/21
TOTAL VOLUME PURGED: 0.63 (X.XX GAL)
SAMPLE DATE: 3/15/21

START PURGE TIME: 1354
END PURGE TIME: 1418
FINAL READING TIME: 1418
SAMPLE COLLECTION TIME: 1418

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1357	13.68	140	16	0.75	1261	8.45	-126	5.1	Clear	Effervescent
1400	13.91	120	16	0.41	1347	8.41	-151	31.5		
1403	14.07	100	16	0.35	1361	8.46	-164	9.2		
1406	14.41	100	16	0.28	1351	8.37	-201	2.8		
1409	14.62	100	16	0.24	1330	8.27	-231	3.0		
1412	14.74	100	16	0.22	1282	8.16	-269	3.0		
1415	14.90	100	16	0.22	1253	8.18	-285	2.6		
1418	15.06	100	16	0.21	1211	8.21	-312	3.0		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Has a sulfuric odor / turns black in containment bucket

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

MS/MSD



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60's

MULTI METER TYPE/S#: MF104348

TUBIDITY METER TYPE/S#: 191100082164

WELL ID: MW-345

PUMP/TUBING INTAKE DEPTH: 20 (FT)

START PURGE TIME: 1209

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 1221

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 1221

WELL DEPTH: 28.31 (FT)

TOTAL VOLUME PURGED: 1.00 (X.XX GAL)

DEPTH TO WATER: 9.44 (FT)

SAMPLE DATE: 3/15/21

SAMPLE COLLECTION TIME: 1221

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

260

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1212	9.85	260	14	0.62	881	6.65	17	4.3	Clear	
1215	9.88	260	14	0.55	883	6.66	15	1.2	clear	
1218	9.88	260	14	0.47	883	6.66	14	1.0	Clear	
1224	9.88	260	14	0.42	884	6.66	14	0.8	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

ALL SAMPLES ON ICE YES

MS/MSD

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramble MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60S

MULTI METER TYPE/S#: MF104348

TUBITIDY METER TYPE/S# 19110C082164

WELL ID: MW-34T2

PUMP/TUBING INTAKE DEPTH: 46.0 (FT)

START PURGE TIME: 1303

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 1315

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 1315

WELL DEPTH: 53.29 (FT)

TOTAL VOLUME PURGED: 0.75 (X.XX GAL)

DEPTH TO WATER: 11.10 (FT)

SAMPLE DATE: 3/15/21

SAMPLE COLLECTION TIME: 1315

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1306	11.24	120	16	0.69	393	6.21	19	2.2	Clear	
1309	11.24	100	16	0.56	393	6.16	16	1.1	Clear	
1312	11.24	100	16	0.49	392	6.14	15	3.4		
1315	11.24	100	16	0.49	392	6.17	14	2.3		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Brawlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: Hach 15090C043415

WELL ID: MW-35BR PUMP/TUBING INTAKE DEPTH: 149 (FT) START PURGE TIME: 0952
 MEASURING POINT: TOC START PURGE DATE: 3/12/21 END PURGE TIME: 1010
 WELL DIAMETER: 2 (IN) END PURGE DATE: 3/12/21 FINAL READING TIME: 1010
 WELL DEPTH: 153.30 (FT) TOTAL VOLUME PURGED: 0.50 (X.XX GAL) SAMPLE COLLECTION TIME: 1010
 DEPTH TO WATER: 3.77 (FT) SAMPLE DATE: 3/12/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0955	3.67	100	16	0.78	568	7.82	-55	3.9	Clear	
0958	4.09	↓	16	0.65	568	7.99	-69	6.5	↓	
1001	4.51	↓	16	0.49	568	8.11	-71	5.2	↓	
1004	5.61	↓	16	0.41	568	8.21	-74	4.6	↓	
1007	5.51	↓	16	0.35	568	8.24	-75	4.4	↓	
1010	5.93	↓	16	0.31	568	8.27	-76	4.5	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: Hach 15090C043415

WELL ID: MW-355
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 18.15 (FT)
DEPTH TO WATER: 4.83 (FT)

PUMP/TUBING INTAKE DEPTH: 10.65 (FT) START PURGE TIME: 0922
START PURGE DATE: 3/12/21 END PURGE TIME: 0934
END PURGE DATE: 3/12/21 FINAL READING TIME: 0934
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/12/21 SAMPLE COLLECTION TIME: 0934

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

280

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0925	5.15	280	14	0.24	191	5.98	65	1.3	Clear	
0928	5.15	↓	14	0.19	190	5.92	60	1.1	↓	
0931	↓	↓	14	0.16	191	5.90	56	1.4	↓	
0934	↓	↓	14	0.14	18 ²⁵³ 192	5.87	54	1.4	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2S2O8	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES NO

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: Bramlette GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: Hach 15090C043415

WELL ID: MW-3ST2

PUMP/TUBING INTAKE DEPTH: 35.44 (FT)

START PURGE TIME: 0858

MEASURING POINT: TOC

START PURGE DATE: 3/12/21

END PURGE TIME: 0910

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/12/21

FINAL READING TIME: 0910

WELL DEPTH: 37.94 (FT)

TOTAL VOLUME PURGED: 0.50 (X.XX GAL)

DEPTH TO WATER: 5.24 (FT)

SAMPLE DATE: 3/12/21

SAMPLE COLLECTION TIME: 0910

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0901	5.84	100	15	3.59	225	7.05	71	8.2	Clear	
0904	6.05	↓	15	3.52	226	7.09	67	7.6	↓	
0907	6.22	↓	15	3.44	227	7.10	66	8.3	↓	
0910	6.39	↓	15	3.59	227	7.12	65	6.6	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is NOT NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GS17

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBITUDY METER TYPE/S# HACH 150906043415

WELL ID: MW-363R

PUMP/TUBING INTAKE DEPTH: 66.50 (FT)

START PURGE TIME: 1123

MEASURING POINT: TOC

START PURGE DATE: 3/11/21

END PURGE TIME: 1135

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/11/21

FINAL READING TIME: 1135

WELL DEPTH: 71.36 (FT)

TOTAL VOLUME PURGED: 0.50 (X.XX GAL)

DEPTH TO WATER: 8.26 (FT)

SAMPLE DATE: 3/11/21

SAMPLE COLLECTION TIME: 1135

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

175

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1126	8.39	175	17	0.74	306	6.70	-31	3.0	Clear	
1129	8.39	↓	17	0.29	309	6.75	-32	5.7	↓	
1130	↓	↓	17	0.21	311	6.79	-35	5.3	↓	
1135	↓	↓	17	0.20	305	6.81	-38	8.2	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090C043415

WELL ID: MW-365
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.84 (FT)
DEPTH TO WATER: 8.45 (FT)

PUMP/TUBING INTAKE DEPTH: 15.50 (FT) START PURGE TIME: 1248
START PURGE DATE: 3/11/21 END PURGE TIME: 1300
END PURGE DATE: 3/11/21 FINAL READING TIME: 1300
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1300

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1251	8.72	190	18	0.29	489	6.21	8	14.4	Clear	
1254	8.72	↓	19	0.20	482	6.34	-5	9.4	↓	
1257	↓	↓	19	0.18	486	6.38	-11	7.9	↓	
1300	↓	↓	19	0.15	481	6.39	-15	8.6	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17P101514

TUBIDITY METER TYPE/S# HACH 15090 C043415

WELL ID: MW-36TZ

PUMP/TUBING INTAKE DEPTH: 46.00 (FT)

START PURGE TIME: 1231

MEASURING POINT: TOC

START PURGE DATE: 3/11/21

END PURGE TIME: 1243

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/11/21

FINAL READING TIME: 1243

WELL DEPTH: 48.76 (FT)

TOTAL VOLUME PURGED: 0.75 (X.XX GAL)

SAMPLE DATE: 3/11/21

SAMPLE COLLECTION TIME: 1243

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1234	8.33	200	18	2.23	149	5.51	84	4.2	Clear	
1237	8.32	↓	18	2.06	143	5.34	88	1.7	↓	
1240	↓	↓	18	2.05	142	5.31	86	1.6	↓	
1243	↓	↓	18	2.01	142	5.31	84	1.6	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2S2O8	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70's

MULTI METER TYPE/S#: 17F104348

TURBIDITY METER TYPE/S# 19110C082164

WELL ID: MW-372R
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 118.68 (FT)
DEPTH TO WATER: 10.24 (FT)

PUMP/TUBING INTAKE DEPTH: 113.50 (FT)
START PURGE DATE: 3/12/21
END PURGE DATE: 3/12/21
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/12/21

START PURGE TIME: 0946
END PURGE TIME: 0957
FINAL READING TIME: 0957
SAMPLE COLLECTION TIME: 0957

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0949	10.92	180	19	0.72	346	7.19	-5	1.7	Clear	
0952	11.10	180	19	0.51	398	7.13	-17	1.2	Clear	
0955	11.19	180	19	0.40	459	7.13	-21	1.0	Clear	
0957	11.26	180	19	0.38	487	7.12	-22	0.9	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS									PRESERVATION							
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70s

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S# 191100082164



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WELL ID: MW-375
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.08 (FT)
DEPTH TO WATER: 8.47 (FT)

PUMP/TUBING INTAKE DEPTH: 18.00 (FT)
START PURGE DATE: 3/12/21
END PURGE DATE: 3/12/21
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/12/21

START PURGE TIME: 0916
END PURGE TIME: 0931
FINAL READING TIME: 0931
SAMPLE COLLECTION TIME: 0931

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

200

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0919	8.52	140	17	1.65	189	5.38	35	3.3	Clear	
0922	8.54	140	17	1.52	187	5.44	35	4.8	Clear	
0925	8.55	200	17	1.31	181	5.47	38	5.1	Clear	
0928	8.56	200	17	1.23	181	5.47	40	8.2	Clear	
0931	8.56	200	17	1.21	178	5.47	42	6.4	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____. NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: 17F10 4348

TUBIDITY METER TYPE/S# 19110C082164

WELL ID: MW-37T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 72.94 (FT)
DEPTH TO WATER: 8.64 (FT)

PUMP/TUBING INTAKE DEPTH: 70.50 (FT)
START PURGE DATE: 3/12/21
END PURGE DATE: 3/12/21
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/12/21

START PURGE TIME: 1020
END PURGE TIME: 1035
FINAL READING TIME: 1035
SAMPLE COLLECTION TIME: 1035

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1023	9.52	100	20	0.68	834	7.53	-33	14.8	Clear / Effervescent	
1026	10.34	100	20	0.44	897	7.14	-26	6.8	Clear / Effervescent	
1029	10.78	100	20	0.34	912	7.08	-18	3.4	Clear	
1032	10.97	100	20	0.30	912	7.12	-16	2.2		
1035	11.35	100	20	0.33	911	7.10	-13	2.3		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17E101514

TURBIDITY METER TYPE/S# HACH 15090C043415



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WELL ID: MW-38BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 29.91 (FT)
DEPTH TO WATER: 4.37 (FT)

PUMP/TUBING INTAKE DEPTH: 28 (FT) START PURGE TIME: 1046
START PURGE DATE: 3/16/21 END PURGE TIME: 1058
END PURGE DATE: 3/16/21 FINAL READING TIME: 1058
TOTAL VOLUME PURGED: 1.00 (X.XX GAL) SAMPLE COLLECTION TIME: 1058
SAMPLE DATE: 3/16/21

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1049	4.80	180	11	0.38	273	7.49	44	1.8	clear	
1052	4.82	↓	11	0.27	274	7.61	35	1.9	↓	
1055	4.84	↓	11	0.24	274	7.62	32	1.6	↓	
1058	4.86	↓	11	0.20	274	7.62	30	1.9	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S# HACH 15090C043415



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WELL ID: MW-385
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.00 (FT)
DEPTH TO WATER: 4.18 (FT)

PUMP/TUBING INTAKE DEPTH: 17 (FT) START PURGE TIME: 1121
START PURGE DATE: 3/16/21 END PURGE TIME: 1200
END PURGE DATE: 3/16/21 FINAL READING TIME: 1200
TOTAL VOLUME PURGED: 2.50 (X.XX GAL)
SAMPLE DATE: 3/16/21 SAMPLE COLLECTION TIME: 1200

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

250

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1124	4.18	250	11	0.27	217	6.33	51	31.3	Clear	
1127	4.18		11	0.20	216	6.19	50	24.5		
1130	↓	↓	11	0.17	215	6.07	51	20.0		
1133	↓	↓	12	0.16	215	6.04	50	16.1		
1136	↓	↓	12	0.16	216	6.03	49	13.9		Waiting on TURB.
1200	↓	↓	12	0.12	217	5.99	41	9.3		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Stamlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 45

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S#: HACH 15090C043415



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WELL ID: MW-39BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 52.86 (FT)
DEPTH TO WATER: 11.38 (FT)

PUMP/TUBING INTAKE DEPTH: 50.36 (FT)
START PURGE DATE: 3/17/21
END PURGE DATE: 3/17/21
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/17/21

START PURGE TIME: 0933
END PURGE TIME: 0957
FINAL READING TIME: 0957
SAMPLE COLLECTION TIME: 0957

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
100

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0936	12.09	100	12	0.98	447	8.35	-36	4.9	Clear	
0939	12.18		12	0.40	434	7.95	-73	4.7		
0942	12.23		12	0.39	427	7.72	-82	5.2		
0945	12.24		12	0.58	428	7.60	-77	5.3		
0948	12.27		12	0.78	431	7.48	-69	4.9		
0951	12.28		12	0.83	428	7.39	-63	4.4		
0954	12.28		12	0.72	424	7.37	-61	3.6		
0957	↓	↓	12	0.68	416	7.31	-57	3.3	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 95

MULTI METER TYPE/S#: YSI 17FI01514

TUBIDITY METER TYPE/S# HACH 15090C043415

WELL ID: MW-39BRL
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 82.65 (FT)
DEPTH TO WATER: 13.41 (FT)

PUMP/TUBING INTAKE DEPTH: 80.15 (FT) START PURGE TIME: 0851
START PURGE DATE: 3/17/21 END PURGE TIME: 0903
END PURGE DATE: 3/17/21 FINAL READING TIME: 0903
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/17/21 SAMPLE COLLECTION TIME: 0903

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0854	13.28	100	12	1.52	1536	9.85	-15	7.9	Clear	
0857	13.35	↓	12	0.60	1880	10.73	-38	7.8	↓	
0900	13.39	↓	12	0.46	1958	10.80	-39	5.6	↓	
0903	13.43	↓	12	0.43	1968	10.76	-41	8.0	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 65

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090043415

MS/MSD



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WELL ID: MW-395
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 27.12 (FT)
DEPTH TO WATER: 11.79 (FT)

PUMP/TUBING INTAKE DEPTH: 14.60 (FT)
START PURGE DATE: 3/17/21
END PURGE DATE: 3/17/21
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/17/21

START PURGE TIME: 1034
END PURGE TIME: 1049
FINAL READING TIME: 1049
SAMPLE COLLECTION TIME: 1049

MS/MSD

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

350

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1037	11.83	350	14	0.20	234	6.22	42	1.5	Clear	
1040	11.84	↓	14	0.16	234	6.08	46	1.1	↓	
1043	↓	↓	14	0.15	228	5.94	51	1.2	↓	
1046	↓	↓	14	0.15	233	5.94	51	1.1	↓	
1049	↓	↓	14	0.16	233	5.91	52	1.1	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

MS/MSD

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as **flagged** accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX):

MULTI METER TYPE/S#: 17F10C04348

TUBIDITY METER TYPE/S#: 191100082164

WELL ID: MW-40BR PUMP/TUBING INTAKE DEPTH: 70.00 (FT) START PURGE TIME: 0944
MEASURING POINT: TOC START PURGE DATE: 3/15/21 END PURGE TIME: 0959
WELL DIAMETER: 2 (IN) END PURGE DATE: 3/15/21 FINAL READING TIME: 0959
WELL DEPTH: 75.27 (FT) TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
DEPTH TO WATER: 11.33 (FT) SAMPLE DATE: 3/15/21 SAMPLE COLLECTION TIME: 0959

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
125

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0947	11.98	125	15	0.94	316	7.12	13	3.3	Clear	
0950	12.13	125	15	0.57	324	7.07	9	1.4	Clear	
0953	12.24	125	15	0.46	327	7.13	7	0.8	Clear	
0956	12.28	125	15	0.40	329	7.19	5	0.6	Clear	
0959	12.34	125	16	0.38	329	7.19	3	1.2	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: HACH 15090C093415

WELL ID: MW-41BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 90.40 (FT)
DEPTH TO WATER: 1.60 (FT)

PUMP/TUBING INTAKE DEPTH: 85.00 (FT) START PURGE TIME: 0944
START PURGE DATE: 3/15/21 END PURGE TIME: 0959
END PURGE DATE: 3/15/21 FINAL READING TIME: 0959
TOTAL VOLUME PURGED: 0.50 (X.XX GAL)
SAMPLE DATE: 3/15/21 SAMPLE COLLECTION TIME: 0959

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
100

TIME	WATER LEVEL	FLOW RATE (Whole # mL/min)	TEMPERATURE (Whole # ° Celsius)	DO (X.XX mg/L)	CONDUCTANCE (Whole # µS/cm)	pH (X.XX su)	ORP* (Whole # mV)	TURBIDITY* (X.X NTU)	OBSERVATION Clear, Cloudy, w/Floc, w/Fines	NOTES
	(X.XX FT)									
0947	2.47	100	14	1.57	928	9.18	-170	9.4	Clear	
0950	2.85	↓	14	0.48	994	8.99	-130	7.3	↓	
0953	3.42	↓	14	0.32	1005	8.88	-104	6.7	↓	
0956	3.81	↓	14	0.25	1001	8.84	-99	6.4	↓	
0959	4.05	↓	14	0.21	994	8.80	-102	7.9	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml Plastic	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBITIDY METER TYPE/S# HACH 15090C043415

WELL ID: MW-415

PUMP/TUBING INTAKE DEPTH: 12.50 (FT)

START PURGE TIME: 1015

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 1036

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 1036

WELL DEPTH: 19.96 (FT)

TOTAL VOLUME PURGED: 1.00 (X.XX GAL)

SAMPLE DATE: 3/15/21

SAMPLE COLLECTION TIME: 1036 **DUP**

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor **DUP**

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1018	2.25	200	15	0.39	143	6.45	10	6.2	Clear	
1021	2.26	↓	15	0.24	139	5.93	28	3.6	↓	
1024	↓	↓	15	0.22	137	5.71	38	5.3	↓	
1027	↓	↓	14	0.22	136	5.54	42	3.4	↓	
1030	↓	↓	15	0.18	136	5.44	44	3.8	↓	
1033	↓	↓	15	0.18	136	5.42	43	4.2	↓	
1036	↓	↓	15	0.17	136	5.38	42	3.2	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml Plastic	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

DUP
FD-02 collected

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 150 90C042415

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WELL ID: MW-41TZ

PUMP/TUBING INTAKE DEPTH: 48.00 (FT)

START PURGE TIME: 0906

MEASURING POINT: TOC

START PURGE DATE: 3/15/21

END PURGE TIME: 0939

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/15/21

FINAL READING TIME: 0939

WELL DEPTH: 55.68 (FT)

TOTAL VOLUME PURGED: 0.75 (X.XX GAL)

DEPTH TO WATER: 1.98 (FT)

SAMPLE DATE: 3/15/21

SAMPLE COLLECTION TIME: 0939

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
0909	2.38	100	14	1.30	1459	8.88	-58	16.7	clear	
0912	2.79		14	0.65	1610	7.97	-131	9.7		
0915	3.14		14	0.48	1598	7.82	-129	18.3		
0918	3.53		14	0.39	1534	8.04	-136	14.7		
0921	3.95		14	0.97	1158	9.55	-181	13.0		
0924	4.35		14	1.47	868	10.59	-162	9.5		
0927	4.76		15	1.74	590	11.40	-86	8.0		
0930	5.02		14	1.96	546	11.65	-69	6.3		
0933	5.37		14	2.02	518	11.77	-62	6.1		
0936	5.87		14	2.19	507	11.81	-58	6.1		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSD

2 of 2



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S# HACH 15090 043415

WELL ID: MW-41T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 55.68 (FT)
DEPTH TO WATER: 1.98 (FT)

PUMP/TUBING INTAKE DEPTH: 48.00 (FT) START PURGE TIME: 0900
START PURGE DATE: 3/15/21 END PURGE TIME: 0939
END PURGE DATE: 3/15/21 FINAL READING TIME: 0939
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/15/21 SAMPLE COLLECTION TIME: 0939

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0939	6.15	100	15	2.18	509	11.81	-54	5.9	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____. NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlete MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70's

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S#: 191100052164



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WELL ID: MW-42BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 79.83 (FT)
DEPTH TO WATER: 7.82 (FT)

PUMP/TUBING INTAKE DEPTH: 72.25 (FT) START PURGE TIME: 1452
START PURGE DATE: 3/11/21 END PURGE TIME: 1504
END PURGE DATE: 3/11/21 FINAL READING TIME: 1504
TOTAL VOLUME PURGED: 0.57 (X.XX GAL)
SAMPLE DATE: 3/11/21 SAMPLE COLLECTION TIME: 1504

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1455	7.88	180	19	0.45	219	7.33	8	2.4	Clear	
1458	7.90	180	19	0.33	242	7.36	2	2.3		
1501	7.91	180	19	0.24	238	7.38	-2	1.9		
1504	7.91	180	19	0.26	219	7.32	-5	0.4		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70s

MULTI METER TYPE/S#: 17F104348

TUBITUDY METER TYPE/S#: 191100082164



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WELL ID: MW-425
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.40 (FT)
DEPTH TO WATER: 8.75 (FT)

PUMP/TUBING INTAKE DEPTH: 15.90 (FT)
START PURGE DATE: 3/11/21
END PURGE DATE: 3/11/21
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/11/21

START PURGE TIME: 1350
END PURGE TIME: 1402
FINAL READING TIME: 1402
SAMPLE COLLECTION TIME: 1402

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

250

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # * Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1353	8.84	240	20	3.11	119	5.09	80	2.8	Clear	
1356	8.85	240	20	2.99	119	5.09	84	3.6		
1359	8.85	240	20	2.87	118	5.10	83	3.8		
1402	8.85	240	21	2.81	117	5.17	84	4.3		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: JAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70's

MULTI METER TYPE/S#: 17F104348

TUBITIDY METER TYPE/S# 191100082164

WELL ID: MW-42TZ
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 57.66 (FT)
DEPTH TO WATER: 8.47 (FT)

PUMP/TUBING INTAKE DEPTH: 55.00 (FT)
START PURGE DATE: 3/11/21
END PURGE DATE: 3/11/21
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/11/21

START PURGE TIME: 1413
END PURGE TIME: 1434
FINAL READING TIME: 1434
SAMPLE COLLECTION TIME: 1434

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
2ae

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1416	8.63	200	19	0.99	154	5.71	70	13.2	Clear w/fines	
1419	8.63	200	19	0.99	148	5.68	69	11.5	Clear w/fines	
1422	8.63	200	19	1.81	136	5.62	71	7.1	Clear	
1425	8.63	200	19	2.27	133	5.58	72	3.8		
1428	8.63	200	19	2.43	131	5.56	72	2.9		
1431	8.63	200	19	2.54	131	5.59	72	1.4		
1434	8.63	200	19	2.55	131	5.60	72	1.2		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Brankette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70's

MULTI METER TYPE/S#: 17F10 4348

TUBITIDY METER TYPE/S# 19110C082164



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WELL ID: MW-43BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 112.92 (FT)
DEPTH TO WATER: 7.80 (FT)

PUMP/TUBING INTAKE DEPTH: 110.0 (FT)
START PURGE DATE: 3/11/21
END PURGE DATE: 3/11/21
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/11/21

START PURGE TIME: 0933
END PURGE TIME: 0945
FINAL READING TIME: 0945
SAMPLE COLLECTION TIME: 0945

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0936	8.18	100	17	1.15	268	9.58	-12.7	10.9	Clear w/ fines	
0939	8.48	100	17	0.90	268	9.65	-22	17.2		
0942	9.01	100	17	0.79	269	9.63	-27	6.7		
0945	9.31	100	17	0.71	270	9.62	-31	9.8		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml P-ASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG	PROTECTIVE CASING	LOCK	CAP	CONCRETE PAD
<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE

Site: Kramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70's

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S# 19110C082164

WELL ID: MW 435
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 23.84 (FT)
DEPTH TO WATER: 7.29 (FT)

PUMP/TUBING INTAKE DEPTH: 21.25 (FT)
START PURGE DATE: 3/11/21
END PURGE DATE: 3/11/21
TOTAL VOLUME PURGED: 2.50 (X.XX GAL)
SAMPLE DATE: 3/11/21

START PURGE TIME: TAW 0953 1058
END PURGE TIME: 1130
FINAL READING TIME: 1130
SAMPLE COLLECTION TIME: 1130

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

350

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1101	7.34	350	16	0.39	238	6.63	-21	40.2	Clear w/fines	
1104	7.35	350	17	0.30	427	6.65	-28	32.1	Clear w/fines	
1107	7.35	350	16	0.29	423	6.66	-28	25.6	Clear w/fines	
1110	7.35	350	16	0.30	398	6.64	-29	26.1	1	
		Waiting on Turbidity								
1130	7.35	350	17	0.42	326	6.56	-18	9.3	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml Plastic	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70.5

MULTI METER TYPE/S#: 17 F104348

TURBIDITY METER TYPE/S# P110C082164



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DUP
FD-01

WELL ID: MW-43T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 74.52 (FT)
DEPTH TO WATER: 7.60 (FT)

PUMP/TUBING INTAKE DEPTH: 70.0 (FT)
START PURGE DATE: 3/11/21
END PURGE DATE: 3/11/21
TOTAL VOLUME PURGED: 1.25 (X.XX GAL)
SAMPLE DATE: 3/11/21

START PURGE TIME: 10:19
END PURGE TIME: 10:37
FINAL READING TIME: 10:37
SAMPLE COLLECTION TIME: 10:37

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1022	7.96	350	17	0.90	147	6.26	7.4	7.5	Clear w/fines	
1025	7.96	350	17	0.96	144	6.27	8	4.2	Clear w/fines	
1028	7.96	350	17	1.10	141	6.22	12	4.3	Clear	
1031	7.96	350	17	1.29	139	6.19	14	3.2	Clear	
1034	7.96	350	17	1.33	137	6.24	19	4.2	Clear	
1037	7.96	350	17	1.41	134	6.25	21	2.0	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS									PRESERVATION								
	40 ml YOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml P-ASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2S2O8	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette Rd

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: 17F104348

TUBITUDY METER TYPE/S# 1911GC082164

WELL ID: MW-44BR

PUMP/TUBING INTAKE DEPTH: 54.0 (FT)

START PURGE TIME: 1025

MEASURING POINT: TOC

START PURGE DATE: 3/10/21

END PURGE TIME: 1116

WELL DIAMETER: 2 (IN)

END PURGE DATE: 3/10/21

FINAL READING TIME: 1116

WELL DEPTH: 59.80 (FT)

TOTAL VOLUME PURGED: 1.25 (X.XX GAL)

DEPTH TO WATER: 14.88 (FT)

SAMPLE DATE: 3/10/21

SAMPLE COLLECTION TIME: 1116

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1028	16.71	100	19	1.94	233	9.98	36		Clear TAW	Cloudy
1031	15.94	100	19	1.18	228	10.02	38		Clear TAW	Cloudy
1034	16.09	100	20	0.79	232	10.00	39		Clear TAW	Cloudy
1037	16.29	100	20	0.64	227	9.97	41		Clear TAW	Cloudy
1040	16.33	100	20	0.56	221	9.92	42		Clear TAW	Cloudy
1043	16.38	100	20	0.48	217	9.94	42	41.3	Clear TAW	Cloudy
1047	16.41	100	20	0.45	214	9.86	42		Clear	Cloudy
1050	16.43	100	20	0.44	212	9.84	42			
			Waiting on turbidity g.							
1116	16.63	100	21	0.29	196	9.88	45	27.8	Cloudy	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

* Turb meter not working; waiting for turb meter delivery *

ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette Rd

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____



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MULTI METER TYPE/S#: 17F104348

TURBIDITY METER TYPE/S# 19110C082164

WELL ID: MW-44T2
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 24.96 (FT)
DEPTH TO WATER: 5.46 (FT)

PUMP/TUBING INTAKE DEPTH: 22 (FT)
START PURGE DATE: 3/10/21
END PURGE DATE: 3/10/21
TOTAL VOLUME PURGED: 1.00 (X.XX GAL)
SAMPLE DATE: 3/10/21

START PURGE TIME: 1129
END PURGE TIME: 1137
FINAL READING TIME: 1137
SAMPLE COLLECTION TIME: 1137

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1128	15.53	230	19	3.96	58	5.33	48	1.20	Clear	
1131	15.51	1	19	3.80	58	5.28	58	0.20		
1134	15.51	1	19	3.87	59	5.25	64	0.30		
1137	15.51	1	20	3.89	59	5.28	67	0.20		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: 17 F104348

TUBIDITY METER TYPE/S# 1911000 82164



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WELL ID: MW-45BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 95-93.64 (FT)
DEPTH TO WATER: 11.78 (FT)

PUMP/TUBING INTAKE DEPTH: 88.41 (FT) START PURGE TIME: 0908
START PURGE DATE: 3/16/21 END PURGE TIME: 0923
END PURGE DATE: 3/16/21 FINAL READING TIME: 0923
TOTAL VOLUME PURGED: 0.75 (X.XX GAL)
SAMPLE DATE: 3/16/21 SAMPLE COLLECTION TIME: 0923

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
0911	12.35	100	10.0	1.12	684	10.25	26	5.8	CLAR	
0914	12.90	100	10	1.06	686	10.72	30	5.8		
0917	13.47	100	9	0.87	689	10.54	29	4.5		
0920	13.81	100	8	0.84	690	10.96	29	4.3		
0923	14.11	100	8	0.79	693	10.97	29	5.6		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE										✓								
TOTAL ORGANIC CARBON										✓								
F, CL, SO ₄										✓								
TDS										✓								
TSS										✓								
CHROMIUM (VI)																		✓
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: ALL SAMPLES ON ICE YES
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

FIELD VEHICLE ACCESSIBLE YES NO

Ventel transducer deployed while sampling

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG	PROTECTIVE CASING	LOCK	CAP	CONCRETE PAD
<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE

Site: Ramble

LOW FLOW SAMPLING LOG

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FIELD PERSONNEL: RSB GS 17

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17FI01514

TURBIDITY METER TYPE/S#: HACH 15090C043415

WELL ID: MW-403R
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 182.73 (FT)
DEPTH TO WATER: 5.38 (FT)

PUMP/TUBING INTAKE DEPTH: 177.75 (FT)

START PURGE TIME: 1327

START PURGE DATE: 3/16/21

END PURGE TIME: 1427

END PURGE DATE: 3/16/21

FINAL READING TIME: 1427

TOTAL VOLUME PURGED: 1.50 (X.XX GAL)

SAMPLE DATE: 3/16/21

SAMPLE COLLECTION TIME: 1427

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)									
1330	5.52	100	12	2.51	288	8.15	-84	11.9	Clear	
1333	6.01		13	2.11	289	8.37	-99	10.4		
1336	6.39		13	1.84	290	8.47	-109	11.2		
1339	6.69		13	1.50	290	8.50	-114	12.3		
1342	7.13		13	1.00	290	8.52	-119	12.6		
1345	7.50		13	0.86	290	8.56	-125	11.7		
1348	7.98		12	0.74	290	8.56	-128	12.0		
1351	8.19		12	0.66	290	8.55	-131	12.7		Waiting on Turb.
1418	10.65		12	0.36	285	8.69	-149	10.8		
1421	10.89		12	0.34	285	8.73	-151	11.7		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	NA ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: RSB GSJ

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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): _____

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S# HACH 15090C043415

WELL ID: MW-46BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 182.73 (FT)
DEPTH TO WATER: 5.38 (FT)

PUMP/TUBING INTAKE DEPTH: 177.75 (FT)
START PURGE DATE: 3/16/21
END PURGE DATE: 3/16/21
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/16/21

START PURGE TIME: 1327
END PURGE TIME: 1427
FINAL READING TIME: 1427
SAMPLE COLLECTION TIME: 1427

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1424	11.19	100	12	0.32	285	8.74	-152	9.6	Clear	
1427	11.31	↓	12	0.30	284	8.75	-151	9.9	↓	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 mL VOA	125 mL POLY	250 mL POLY	300 mL POLY	500 mL POLY	500 mL PLASTIC	1000 mL POLY	2000 mL POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	HAUSO4	METHANOL	(NH4)2SO4
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, CL, SO4																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____. NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette MGP

LOW FLOW SAMPLING LOG



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FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60's

MULTI METER TYPE/S#: 17F104348

TUBIDITY METER TYPE/S#: 19100082164

WELL ID: MW-47BR
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 123.35 (FT)
DEPTH TO WATER: 12.84 (FT)

PUMP/TUBING INTAKE DEPTH: 118.35 (FT) START PURGE TIME: 1335
START PURGE DATE: 3/16/21 END PURGE TIME: 1353
END PURGE DATE: 3/16/21 FINAL READING TIME: 1353
TOTAL VOLUME PURGED: 0.75 XX GAL
SAMPLE DATE: 3/16/21 SAMPLE COLLECTION TIME: 1353

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1338	13.61	100	11	2.18	5693	12.63	3	5.5	clear	
1341	13.92	100	11	1.56	5760	12.64	-1	6.0	clear	
1344	14.22	100	11	1.35	5785	12.64	-1	7.4	clear	
1347	14.64	100	11	1.13	5798	12.64	-1	6.4	clear	
1350	14.82	100	11	1.06	5804	12.64	0	7.3	clear	
1353	15.08	100	11	1.01	5814	12.65	1	6.8	clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: Faint product odor
FIELD VEHICLE ACCESSIBLE YES NO
ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG	PROTECTIVE CASING	LOCK	CAP	CONCRETE PAD
<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> BAD <input type="checkbox"/> NONE

Site: Bramlette Rd

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70S

MULTI METER TYPE/S#: i7F104348

TUBIDITY METER TYPE/S# 19110C082164



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WELL ID: MW-485
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 50.80 (FT)
DEPTH TO WATER: 11.89 (FT)

PUMP/TUBING INTAKE DEPTH: 23.50 (FT) START PURGE TIME: 1321
START PURGE DATE: 3/10/21 END PURGE TIME: 1340
END PURGE DATE: 3/10/21 FINAL READING TIME: 1340
TOTAL VOLUME PURGED: 1.50 (X.XX GAL)
SAMPLE DATE: 3/10/21 SAMPLE COLLECTION TIME: 1340

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

300

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1324	12.08	240 ^{TAW} 240	20	0.40	896	6.55	49	15.0	Clear w/fines	
1327	12.08	240	20	0.50	900	6.55	50	17.5		
1330	12.08	240	20	0.40	899	6.56	52	17.2		
1333	12.08	240	20	0.39	901	6.54	53	11.4		
1337	12.08	240	20	0.37	904	6.55	55	10.5		
1340	12.08	240	19	0.36	907	6.54	55	7.9		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO UTV

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

Site: Bramlette Rd

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: TAW, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 70

MULTI METER TYPE/S#: MF104348

TUBIDITY METER TYPE/S#: 91100082164



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WELL ID: MW-48TZ
MEASURING POINT: TOC
WELL DIAMETER: 2 (IN)
WELL DEPTH: 54.79 (FT)
DEPTH TO WATER: 10.89 (FT)

PUMP/TUBING INTAKE DEPTH: 50.00 (FT) START PURGE TIME: 1248
START PURGE DATE: 3/10/21 END PURGE TIME: 1300
END PURGE DATE: 3/10/21 FINAL READING TIME: 1300
TOTAL VOLUME PURGED: 6.50 (X.XX GAL)
SAMPLE DATE: 3/10/21 SAMPLE COLLECTION TIME: 1300

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1251	12.58	100	19	0.68	239	7.06	57	4.4	Clear	
1254	12.85	100	19	0.62	239	7.14	49	4.4	Clear	
1257	13.18	100	19	0.56	238	7.18	48	3.5	Clear	
1300		100	20	0.55	237	7.17	47	5.5	Clear	

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

FIELD VEHICLE ACCESSIBLE YES NO UTV

ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, RSB, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50's

MULTI METER TYPE/S#: YST 17F101514

TURBIDITY METER TYPE/S#: Hach 15090C043415



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WELL ID: SW-12

MEASURING POINT: TOC

WELL DIAMETER: _____ (IN)

WELL DEPTH: _____ (FT)

DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT)

START PURGE DATE: _____

END PURGE DATE: _____

TOTAL VOLUME PURGED: _____ (X.XX GAL)

SAMPLE DATE: 3-23-21

START PURGE TIME: _____

END PURGE TIME: _____

FINAL READING TIME: _____

SAMPLE COLLECTION TIME: 0905

- PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
 SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
<u>0905</u>	<u>—</u>	<u>—</u>	<u>13</u>	<u>6.85</u>	<u>66</u>	<u>6.81</u>	<u>86</u>	<u>11.8</u>		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL: _____
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS: _____
 ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINA

Site: Brackette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, RSB, WTP



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WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: Hach 150906043415

WELL ID: SW-10
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: _____ (FT)
DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT) START PURGE TIME: _____
START PURGE DATE: _____ END PURGE TIME: _____
END PURGE DATE: _____ FINAL READING TIME: _____
TOTAL VOLUME PURGED: _____ (X.XX GAL)
SAMPLE DATE: 3-23-21 SAMPLE COLLECTION TIME: 0945

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
<u>0945</u>	<u>—</u>	<u>—</u>	<u>13</u>	<u>6.75</u>	<u>64</u>	<u>6.66</u>	<u>86</u>	<u>11.7</u>		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramble Ave

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, RSB, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 50

MULTI METER TYPE/S#: YSI 17E101514

TUBITUDY METER TYPE/S# Hach 150906043415



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WELL ID: SW-9
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: _____ (FT)
DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT) START PURGE TIME: _____
START PURGE DATE: _____ END PURGE TIME: _____
END PURGE DATE: _____ FINAL READING TIME: _____
TOTAL VOLUME PURGED: _____ (X.XX GAL)
SAMPLE DATE: 3-23-21 SAMPLE COLLECTION TIME: 1005

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
<u>1005</u>	<u>—</u>	<u>—</u>	<u>13</u>	<u>7.33</u>	<u>63</u>	<u>6.74</u>	<u>84</u>	<u>12.9</u>		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H2SO4	HNO3	HCL	NaOH	Na2SO4	METHANOL	(NH4)2SO4	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO4																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, PSB, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60

MULTI METER TYPE/S#: YSI 17F101514

TUBIDITY METER TYPE/S#: Hach 15090C043415



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WELL ID: SW-3
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: _____ (FT)
DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT) START PURGE TIME: _____
START PURGE DATE: _____ END PURGE TIME: _____
END PURGE DATE: _____ FINAL READING TIME: _____
TOTAL VOLUME PURGED: _____ (X.XX GAL)
SAMPLE DATE: 3-23-21 SAMPLE COLLECTION TIME: 1115

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1115	—	—	13	2.94	309	6.93	24	43.7		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, Cl, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

ALL SAMPLES ON ICE YES

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramlette

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, RSB, WTP

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60

MULTI METER TYPE/S#: YSI 17F101514

TURBIDITY METER TYPE/S#: Hach 15090C043415



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WELL ID: SW-5
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: _____ (FT)
DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT) START PURGE TIME: _____
START PURGE DATE: _____ END PURGE TIME: _____
END PURGE DATE: _____ FINAL READING TIME: _____
TOTAL VOLUME PURGED: _____ (X.XX GAL)
SAMPLE DATE: 3-23-21 SAMPLE COLLECTION TIME: 1330

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Baller Polyethylene Baller

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1330	—	—	18	4.40	487	7.08	34	111		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION								
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ SO ₄	METHANOL	(NH ₄) ₂ SO ₄
METALS																	
SULFIDE																	
ALKALINITY, BICARBONATE, CARBONATE																	
TOTAL ORGANIC CARBON																	
F, Cl, SO ₄																	
TDS																	
TSS																	
CHROMIUM (VI)																	
RADIUM																	

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____. NOTE that reported data should be considered as flagged accordingly.
 * SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE

GROUNDWATER MONITORING

DUKE ENERGY CAROLINAS, LLC

Site: Bramble Ac

LOW FLOW SAMPLING LOG

FIELD PERSONNEL: GSD, RSB, WPT



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerra.com

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 60

MULTI METER TYPE/S#: YSI 17E101514

TURBIDITY METER TYPE/S#: Hach 15090C043415

WELL ID: SW-15
MEASURING POINT: TOC
WELL DIAMETER: _____ (IN)
WELL DEPTH: _____ (FT)
DEPTH TO WATER: _____ (FT)

PUMP/TUBING INTAKE DEPTH: _____ (FT) START PURGE TIME: _____
START PURGE DATE: _____ END PURGE TIME: _____
END PURGE DATE: _____ FINAL READING TIME: _____
TOTAL VOLUME PURGED: _____ (X.XX GAL)
SAMPLE DATE: 3-23-21 SAMPLE COLLECTION TIME: 1455

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	ORP*	TURBIDITY*	OBSERVATION	NOTES
	(X.XX FT)	(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	Clear, Cloudy, w/Floc, w/Fines	
1455	—	—	18	4.79	308	7.12	48	24.7		

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								PRESERVATION									
	40 ml VOA	125 ml POLY	250 ml POLY	300 ml POLY	500 ml POLY	500 ml PLASTIC	1000 ml POLY	2000 ml POLY	1 GALLON	NONE	H ₂ SO ₄	HNO ₃	HCL	NaOH	Na ₂ S ₂ O ₈	METHANOL	(NH ₄) ₂ SO ₄	
METALS																		
SULFIDE																		
ALKALINITY, BICARBONATE, CARBONATE																		
TOTAL ORGANIC CARBON																		
F, CL, SO ₄																		
TDS																		
TSS																		
CHROMIUM (VI)																		
RADIUM																		

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
 IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
 IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:
 FIELD VEHICLE ACCESSIBLE YES NO
 ALL SAMPLES ON ICE YES

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO.
 If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

* SynTerra is not NC-certified for these parameters. Data collected for information purposes only.
 To convert ORP to Eh using YSI Professional Plus Multi-Meter, add 205 mV.

WELL TAG			PROTECTIVE CASING			LOCK			CAP			CONCRETE PAD		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NONE



DAILY PRE-JOB BRIEFING RECORD

Duke Energy Site: Bramlette MGP Date: 3/23/21 Time: 0830

Contacts: Name: Rick Powell Phone: 707-497-3627
 Name: Todd Plating Phone: 864-420-8656
 Name: Tom King Phone: 803-429-3668
 Name: _____ Phone: _____

Hospital: Bon Secours, St. Francis Phone: 864-255-1000

Site Specific Safety Concerns: Slips, trips, falls, wildlife (insects & snakes), surrounding water bodies, narrow roadways, limited work space, drilling tools & equipment, traffic

Check Fire Extinguisher Seat Belts Vehicle Tail Lights & Signals Horn

Standard PPE:	High Visibility Vest/Shirt/or Coat Steel Toed Boots Hard Hat Safety Glasses	Job Specific PPE:	Hearing Protection Gloves (Nitrile or Leather) Dust Mask Other _____
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Execution Package: Mob/ Demob; Site Recond; Small Too Usage, Equipment Loading/Unloading; Refueling Vehicles JHA #: _____

Execution Package: ~~Groundwater~~ ^{Surface Water} Sampling JHA #: _____

Work Task: ~~Groundwater~~ ^{Surface Water} Sampling Job-Specific PPE: Standard PPE/Level D

Work Task: _____ Job-Specific PPE: _____

Work Task: _____ Job-Specific PPE: _____

Physical Hazards: Slips, trips, & falls; narrow roadways;

Chemical Hazards: Trace chemicals in groundwater; drilling fluids; grout

Environmental Awareness: Wildlife (snakes & insects); surrounding water bodies (cooling pond, swamp, & stream); E&SC

Other Safety Topics (Health, Cold, Hydration, Communications) Excess heat or cold weather; hydration; sunscreen; awareness of health conditions; 360-walk around of vehicles; spot while backing up.

Attendees:

Name:	Signature:	Name	Signature:
<u>Wesley Rife</u>		_____	_____
<u>Greg Darnell</u>		_____	_____
<u>Ryan Badum</u>		_____	_____
_____	_____	_____	_____

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

For a group of visitors from a single company, the Duke Energy Host should read the questions below to the visitors who do not have a Duke Energy badge. The visitors must sign this questionnaire form each business day they visit a Duke Energy facility. The visitor is responsible for notifying their Duke Energy point of contact if they begin to show symptoms of COVID-19 or are diagnosed with COVID-19 within 14 days following their visit.

1. Have you or any member of your household visited a country outside the United States, OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.
 YES* NO *If any visitor answers "YES" please refer to Job Aid for next steps

2. To the best of your knowledge, have you been in contact (physical contact of 6 feet or less for greater than 3 minutes) with anyone who has traveled outside the United States, OR traveled to an area in the U.S. that is/was under a CDC domestic travel or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.
 YES* NO *If any visitor answers "YES" please refer to Job Aid for next steps

3. To the best of your knowledge, have you been in close contact (6 feet or less) with anyone that has tested positive for COVID-19 or is suspected of having COVID-19, within the past 14 days?
 YES* NO * If any visitor answers "YES" please refer to Job Aid for next steps

4. Do you have a fever, cough, or shortness of breath at this time, or have you had these symptoms in the last 14 days?
 YES* NO * If any visitor answers "YES" please refer to Job Aid for next steps

5. Please confirm you have been instructed in the following hygiene practices designed to inhibit the spread of the COVID-19:
 - Wash hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand sanitizer that contains at least 60% alcohol.
 - Avoid touching your eyes, nose, and mouth with unwashed hands.
 - Avoid close contact with people who are sick.
 - Cover a cough or sneeze with a tissue, then throw the tissue in the trash.
 - Clean and disinfect frequently touched objects and surfaces.
 - Stay at home when sick and seek appropriate medical care. YES NO* * If any visitor answers "NO" please refer to Job Aid for next steps

CAUTION: Individuals should not enter Duke Energy facilities if they are experiencing any symptoms of a respiratory illness (fever, cough, shortness of breath, or other flu-like symptoms).

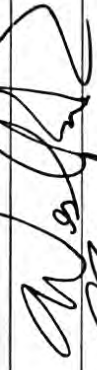


Visiting Company	SynTerra, Duke Energy
Date	3 / 23 / 2021
Duke Energy Location	Bramlette MGP - Greenville, SC
Duke Energy Host First and Last Name	Richard Powell

** To be completed by Duke Energy Host

Duke Energy Host, please scan and e-mail this form to VisitorQuestionnaire@Duke-Energy.com within 3 business days.

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

By signing below, the visitor acknowledges that they have responded honestly to their host's verbal questions about their recent travel, COVID exposure, any COVID symptoms and will follow required hygiene and social distancing instructions outlined in item 5 above.

Visitor Name	Visitor Job Title	Visitor Signature	**Allowed Entry (Yes/No)
Wesley Prater	Project Scientist		Yes
Ryan Badum	Project Scientist		Yes
Greg Barnell	Staff Professional III		Yes

** To be completed by Duke Energy Host
 Duke Energy Host, please scan and e-mail this form to VisitorQuestionnaire@Duke-Energy.com within 3 business days.
 Updated: March 30, 2020
 Duke Energy CONFIDENTIAL



Instrument Calibration Log

SynTerra Corporation
148 River Street, Suite 220
Greenville, South Carolina 29601
SC pH Certification No. 23614

Instrument ID: YSI Professional Plus
Serial #: 17F101514
Analyst: GSJ

Date: 3-23-21
Sample Location: Bramlette

pH Initial Calibration (standard units) Method: SM 4500 H+ B-2011

Calibrated at SynTerra Office - SC Certified Laboratory for pH

Cal. Time	Cal. Buffer (4.0)	Cal. Buffer (7.0)	Cal Buffer (10.0)	Check Buffer Measured Value
0628	4	7	10	7.06

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

4 Buffer Reference: 403

10 Buffer Reference: 404

7 Buffer Reference: 415

Check Buffer Reference: 407

pH Calibration Check (standard units)

Time	Check Buffer True Value	*Check Buffer Measured Value
Mid-Day	7.0	
End-of-Day	7.0	7.08
Other		

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

Check Buffer Reference: 407 Action Required: _____

Specific Conductance (umhos/cm) Reference Method: SW846 9050A

Time	Calibration Standard True Value	Verification standard Measured Value
Initial Cal	1409	1421
Mid-Day	1409	
End-of-Day	1409	1417

*Verification standard ± 10 percent of the standards true value

Calibration Standard Reference: 411 Verification Standard Reference: 410

Dissolved Oxygen (mg/L) Reference Method: SM 4500 O G-2001

	Time	Temp °C	Barometric Pressure (mm Hg)	Meter DO Reading (mg/L)	Correction Factor	DO at Temperature (mg/L)	Theoretical DO (mg/L)
Initial*	0638	19	751	9.23	.99	9.28	9.18
Mid-Day							
End-of-Day	1722	21	750	8.97	.99	8.92	8.83

*Initial meter calibration

Theoretical DO = DO from "Dissolved Oxygen Meter Calibration Verification" Table at ambient temp X Correction Factor at Barometric Pressure
Theoretical DO and Meter DO reading within ± 0.5 mg/l, if not recalibrate meter.

Daily Sampling Check List

SynTerra Corporation
 148 River Street, Suite 220
 Greenville, South Carolina 29601



Site Name: Bramlette
 Date: 3-23-21
 Field Lead: GSD

Checklist completed by: GSD

General Sampling Check

- 1 What type of samples were taken? (soil, GW, SW, WW)
- 2 What Sampling Program(s) were sampled for? (i.e., CCR, CAMA, NPDES, SOC)
- 3 Have samples been compared to original sampling list?
- 4 Correct bottleware for Sample Program?
- 5 Were appropriate field logs completed for each sample?
- 6 Were all parameters written to correct significant figures? (i.e., pH (X.XX), Turbidity (X.X), etc.)
- 7 End of Day Calibration within tolerance?

GW

Semi Annual GW

(Y)	N
(Y)	N
(Y)	N
(Y)	N
(Y)	N

If no, which parameters:

Chain of Custody

- 1 Correct Site Name on COC?
- 2 Site Programs by Station indicated on the COC (Abbreviation Code and Source Area)?
- 3 Do Chain of Custody and bottleware match? (i.e., Sample ID, Date, Time)?
- 4 Are all bottles labeled with correct sample ID's, Date and Time?
- 5 Were parameters written on COC as needed? (i.e., TEMP, pH, Turb, Flow, etc.)?
- 6 Parameters indicated for Analysis on the COC match the bottleware?
- 7 Samplers Initials/signature indicated on the COC?
- 8 Turnaround Time indicated on the COC?
- 9 Picture of Chain Of Custody taken?

(Y)	N
(Y)	N
(Y)	N
(Y)	N
Y	(N)
(Y)	N
(Y)	N
Y	(N)
(Y)	N

Sample Cooler

- 1 Were sample coolers filled completely with ice if needed?
- 2 If low-level mercury samples collected, confirm samples are double bagged and not submerged in ice.
- 3 Glass containers separated in plastic bags/bubble wrap to prevent breakage?
- 4 Custody Seal present?

(Y)	N
Y	(N)
Y	(N)
(Y)	N

General Notes: _____



Instrument Calibration Log

SynTerra Corporation
 148 River Street, Suite 220
 Greenville, South Carolina 29601
 SC pH Certification No. 23614

Instrument ID: YSI Professional Plus

Serial #: 17F104340

Analyst: Tyler Wyatt

Date: 3-31-21

Sample Location: Brambleton MGP

pH Initial Calibration (standard units)

Method: SM 4500 H+ B-2011

Calibrated at SynTerra Office – SC Certified Laboratory for pH

Cal. Time	Cal. Buffer (4.0)	Cal. Buffer (7.0)	Cal Buffer (10.0)	Check Buffer Measured Value
0815	4.0	7.01	10.02	7.02

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

4 Buffer Reference: 403

10 Buffer Reference: 404

7 Buffer Reference: 407

Check Buffer Reference: 415

pH Calibration Check (standard units)

Time	Check Buffer True Value	*Check Buffer Measured Value
Mid-Day	7.0	
End-of-Day <u>1315</u>	7.0	7.07
Other		

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

Check Buffer Reference: 415 Action Required: NONE

Specific Conductance (umhos/cm)

Reference Method: SW846 9050A

Time	Calibration Standard True Value	Verification standard Measured Value
Initial Cal <u>0820</u>	1409	1391
Mid-Day	1409	
End-of-Day <u>1320</u>	1409	1419

*Verification standard ± 10 percent of the standards true value

Calibration Standard Reference: 410 Verification Standard Reference: 411

Dissolved Oxygen (mg/L)

Reference Method: SM 4500 O G-2001

	Time	Temp °C	Barometric Pressure (mm Hg)	Meter DO Reading (mg/L)	Correction Factor	DO at Temperature (mg/L)	Theoretical DO (mg/L)
Initial*	<u>0830</u>	<u>18</u>	<u>738</u>	<u>9.04</u>	<u>0.97</u>	<u>9.47</u>	<u>9.18</u>
Mid-Day							
End-of-Day	<u>1325</u>	<u>19.5</u>	<u>737</u>	<u>9.37</u>	<u>0.97</u>	<u>9.18</u>	<u>8.90</u>

*Initial meter calibration

Theoretical DO = DO from "Dissolved Oxygen Meter Calibration Verification" Table at ambient temp X Correction Factor at Barometric Pressure
 Theoretical DO and Meter DO reading within ± 0.5 mg/l, if not recalibrate meter.



DAILY PRE-JOB BRIEFING RECORD

Site Name: BREMLETTE ROAD MGP Date: 03/31/21 Time: 0815

Contacts: Name: TODD PLATING Phone: 864 420-8656
Name: RICK POWELL Phone: 704 497 3627
Name: TAM KING Phone: 803 429 3668
Name: _____ Phone: _____

Hospital: BUN SECOURS ST. FRANCIS Phone: 864-255-1000

Site Specific Safety Concerns: SLIPS, TRIPS, FALLS; STUCK BY; DOOR; PEDESTRIANS; SCHOOL TRAFFIC; TRAFFIC CONTROL;

Check Fire Extinguisher Seat Belts Vehicle Tail Lights & Signals Horn

Standard PPE:	High Visibility Vest/Shirt/or Coat Steel Toed Boots Hard Hat Safety Glasses	Job Specific PPE:	Hearing Protection Gloves (Nitrile or Leather) Dust Mask Other <u>PFD</u>
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Execution Package: General Activities JHA #: 100

Execution Package: SYNTERRA ACTIVITIES JHA #: _____

Work Task: SAMPLING/WATER LEVELS Job-Specific PPE: Standard PPE/Level D
Work Task: _____ Job-Specific PPE: _____
Work Task: _____ Job-Specific PPE: _____

Physical Hazards: Slips, trips, & falls, biological hazards (snakes, ticks, insects);

Chemical Hazards: PRESERVATIVES IN BOTTLEWARE

Environmental Awareness: Defensive driving- 360 walk arounds and spotter when backing up- ALWAYS

Other Safety Topics (Health, Cold, Hydration, Communications) HYDRATION, SCHOOL TRAFFIC, WEATHER (RAIN); PINCH POINTS, HOUSEKEEPING, IN + NEAR PUBLIC AREA; APPROPRIATE GLOVES CELLPHONE USAGE

Attendees:

Name:	Signature:	Name	Signature:
<u>LEE DRAGO</u>		_____	_____
<u>Taylor Wiggitt</u>		_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



DAILY PRE-JOB BRIEFING RECORD

Duke Energy Site: Bramlette Rd MGP

Date: 3/31/21 ~~0800~~

Time: 0800

Contacts:

Name:	<u>Todd Plating</u>	Phone:	<u>8644208656</u>
Name:	<u>Rick Powell</u>	Phone:	<u>7044973627</u>
Name:	<u>Tom King</u>	Phone:	<u>8034293668</u>
Name:	<u> </u>	Phone:	<u> </u>
Name:	<u> </u>	Phone:	<u> </u>

Hospital: Bon Secours St. Francis Phone: 864-255-1000

Site Specific Safety Concerns: Slips trips falls. Struck by. Dogs. Pedestrians. School traffic. Unknown landfill debris. Traffic control. Scattered personals.

Check Fire Extinguisher Seat Belts Vehicle Tail Lights & Signals Horn

Standard PPE:	<u>High Visibility Vest/Shirt/or Coat</u> <u>Steel Toed Boots</u> <u>Hard Hat</u> <u>Safety Glasses</u>	Job Specific PPE:	<u>Hearing Protection</u> <u>Gloves (Nitrile and Cut Res.)</u> <u>Dust Mask</u> <u>Other</u>
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Execution Package: SynTerra Activities JHA #: 102,104,112,203

Execution Package: GEX veil pads JHA #: Pad wells

Execution Package: THA #:

Work Task: Sampling/Water Levels Job-Specific PPE: Standard PPE/Level D

Work Task: Job-Specific PPE:

Physical Hazards: Slips, trips, & falls; biological hazards (snakes, ticks, insects); access Potential for stuck vehicles

Chemical Hazards: None

Environmental Awareness: Defensive driving- 360 walk arounds and spotter when backing up- ALWAYS; wetlands

Other Safety Topics (Health, Cold, Hydration, Communications) Hydration; school traffic; heat/cold stress; weather; equipment inspections daily; pinch points; housekeeping; near public area; cell phone usage; appropriate gloves; stop work author.

Attendees:

Name:	Signature:	Name	Signature:
<u>Tom King</u>	<u>[Signature]</u>	<u> </u>	<u> </u>
<u>Jacob VanSick</u>	<u>[Signature]</u>	<u> </u>	<u> </u>
<u>David Ham</u>	<u>[Signature]</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

JOB AID

1. Please get the latest form by going to the [main portal page](#) and clicking on [Updates on the company's COVID-19 preparations](#). In the middle of the page under "More Information" you will find the "Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry" form link.

Please refer to the CDC Level 3 country list (link) <https://wwwnc.cdc.gov/travel/notices>

Please refer to the CDC Domestic Travel Advisory: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/travel-in-the-us.html>

2. This form must be completed by external visitors to Duke Energy facilities who do not have a Duke Energy badge.
3. This form will be available to visitors at Security / reception desks at all Duke Energy facilities. For facilities without security officers, business unit Administrative Assistants should work with building occupants to make sure anyone that meets the above criteria completes the form and meets the access criteria below prior to entering the building.
4. To grant access to Duke Energy facilities, the entire form must be completed AND question 1 and 2 cannot contain a CDC Level 3 country (see link above), OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes (follow state guidelines where they are more restrictive), AND questions 3 and 4 must be answered with a "NO" AND question 5 must be answered with a "YES".
5. If a visitor declines to complete the form, they are not allowed access to the Duke Energy facility.
6. If a visitor is denied access due to #4 or #5 above, consider rescheduling the meeting with the visitor via video or teleconference at a future date.
7. If a visitor has been denied access and refuses to leave, efforts should be made to encourage a voluntary resolution. If the issues cannot be resolved, the Enterprise Security Command Center should be contacted at (800) 951-9924.
8. These forms should be treated as confidential. The Duke Energy Host should e-mail completed forms to Enterprise Protective Services at VisitorQuestionnaire@Duke-Energy.com.
9. Emergency responders (LE, Fire, EMS, etc.) are granted an exception to this process if they are visiting a Duke Energy facility to respond to an emergency.

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

Visitors to Duke Energy facilities who do not have a Duke Energy badge are required to complete the COVID-19 questionnaire. This form must be completed for each visitor each business day they visit a Duke Energy facility. The visitor is responsible for notifying their Duke Energy point of contact if they begin to show symptoms of COVID-19 or are diagnosed with COVID-19 within 14 days following their visit.

1. Have you or any member of your household visited a country outside the United States OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.

YES* NO If YES, what country/state/city? _____ Return date: _____

*If YES please refer to Job Aid on reverse side of this form for next steps

2. To the best of your knowledge, have you been in contact (physical contact of 6 feet or less for greater than 3 minutes) with anyone who has traveled outside the United States, OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.

YES* NO If YES, what country/state/city? _____ Return date: _____

*If YES please refer to Job Aid on reverse side of this form for next steps

3. To the best of your knowledge, have you been in contact (physical contact of 6 feet or less) with anyone that has tested positive for COVID-19 or is suspected of having COVID-19, within the past 14 days?

YES* NO *If YES please refer to Job Aid on reverse side of this form for next steps

4. Do you have a fever, cough, or shortness of breath at this time, or have you had these symptoms in the last 14 days?


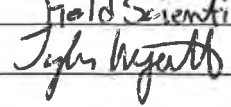
YES* NO *If YES please refer to Job Aid on reverse side of this form for next steps

5. Please confirm, by reading the list below, you have been instructed in the following hygiene practices designed to inhibit the spread of the COVID-19:

YES NO* *If NO please refer to Job Aid on reverse side of this form for next steps

- Wash hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand sanitizer that contains at least 60% alcohol.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Avoid close contact with people who are sick.
- Cover a cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces.
- Stay at home when sick and seek appropriate medical care.

CAUTION: Individuals should not enter Duke Energy facilities if they are experiencing any symptoms of a respiratory illness (fever, cough, shortness of breath, or other flu-like symptoms).

Visiting Company	SYNTERO	
Visitor First and Last Name	LEE DRAGO	TYLER WYATT
Visitor Title	SCIENTIST	Field Scientist
Signature		
Date	03/31/2021	
Duke Energy Location	BROMLETTE	
Duke Energy Host First and Last Name	RICH POWELL	
** Allowed Entry (Yes / No)		

** To be completed by Duke Energy Host

Duke Energy Host, please scan and e-mail this form to VisitorQuestionnaire@Duke-Energy.com within 3 business days.

LOW FLOW SAMPLING LOG



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 Fax
www.synTerraCorp.com

CLIENT: DUNE ENERGY
LOCATION: BRAMLETTE MGP
FIELD PERSONNEL: LWD, TAW
WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 65

MULTI METER TYPE/S#: 17 F10 4348
TURBIDITY METER TYPE/S#: 17030 C 0570 ? 2

WELL ID: MW-505 PUMP/TUBING INTAKE DEPTH: 10 (FT) START PURGE TIME: 1141
MEASURING POINT: TOC START PURGE DATE: 03/31/21 END PURGE TIME: 1238
WELL DIAMETER: 2 (IN) END PURGE DATE: 03/31/21 FINAL READING TIME: 1238
WELL DEPTH: 15.42 (FT) TOTAL VOLUME PURGED: 2 (GAL)
DEPTH TO WATER: 3.62 (FT) SAMPLE DATE: 03/31/21 SAMPLE COLLECTION TIME: 1238

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailor Polyethylene Bailor

TIME	WATER LEVEL (X.XX FT)	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	OR*	TURBIDITY*	COMMENTS
		(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	
1146	4.50	180	17	332	223	5.37	112	71.4	CLOUDY
1150	4.58	150	17	337	217	5.23	131	104	
1155	4.62		17	338	220	5.54	104	115	
1158	4.65		17	300	218	5.70	94	103	
1201	4.69		17	340	217	5.31	116	91.4	
1205	4.70		17	340	215	5.28	115	84.5	
1208	4.72		17	337	218	5.27	113	69.3	*WENT FOR TURB
1238	4.54	1	17	0.26	209	6.22	50	26.6	CLEAR

* Field Parameters collected from flow through cell unless otherwise noted.

COMMENTS:

CLEARED TO SAMPLE W / TURBIDITY > 10 NTU

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS						
	125 ml POLY	250 ml POLY	500 ml POLY	1/2 GALLON	40 ml VOA	1 L AMBER	PRESERVATIVE		125 ml POLY	250 ml POLY	500 ml POLY	1/2 GALLON	40 ml VOA	1 L AMBER	PRESERVATIVE

PROTECTIVE CASING:			WELL PAD:			LOCK:			WELL TAG:			VEGETATION:		
<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA

COMMENTS: IF TURBIDITY >10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

FIELD VEHICLE ACCESSIBLE YES NO

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO. If NO, which parameter _____ . NOTE that reported data should be considered as flagged accordingly.

35.20 TOC

SAMPLED PRIOR TO PAD / TOC CUT



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LOW FLOW SAMPLING LOG

CLIENT: DUNE ENERGY

LOCATION: BROOKLET MUD

FIELD PERSONNEL: LWD, TAW

WEATHER: SUNNY OVERCAST RAIN TEMPERATURE (APPROX): 65°

MULTI METER TYPE/S#: 17 F104348

TURBIDITY METER TYPE/S#: 17030 C0370?2

WELL ID: MW-50TZ
MEASURING POINT: TOC

WELL DIAMETER: 2 (IN)

WELL DEPTH: 35.20 (FT)

DEPTH TO WATER: 3.11 (FT)

PUMP/TUBING INTAKE DEPTH: 32.00 (FT)

START PURGE DATE: 03/31/2021

END PURGE DATE: 03/31/21

TOTAL VOLUME PURGED: 3.5 (GAL)

SAMPLE DATE: 03/31/21

START PURGE TIME: 1002

END PURGE TIME: 1057

FINAL READING TIME: 1057

SAMPLE COLLECTION TIME: 1057

PURGE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer
SAMPLE METHOD: Grundfos Pump 12 Volt Pump Peristaltic Pump Dedicated Pump Teflon Bailer Polyethylene Bailer

TIME	WATER LEVEL (X.XX FT)	FLOW RATE	TEMPERATURE	DO	CONDUCTANCE	pH	OR*	TURBIDITY*	COMMENTS
		(Whole # mL/min)	(Whole # ° Celsius)	(X.XX mg/L)	(Whole # µS/cm)	(X.XX su)	(Whole # mV)	(X.X NTU)	
1005	3.11	275	19	4.96	155	5.49	42	182	CLOUDY
1009	3.11	275	19	4.96	156	5.54	45	130.2 (circled)	↓
1012	3.11	275	19	4.93	158	5.58	47	66.3	
1015	3.11	275	19	4.93	158	5.60	49	37.7	
STABLE; WAITING ON TURBIDITY									
1057	3.11							12.8	CLE

* Field Parameters collected from flow through cell unless otherwise noted.

COMMENTS:

CH (LWD)

CLEARED TO SAMPLE W/ TURBIDITY > 10 NTU

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS						
	125 ml POLY	250 ml POLY	500 ml POLY	1/2 GALLON	40 ml VOA	1 L AMBER	PRESERVATIVE		125 ml POLY	250 ml POLY	500 ml POLY	1/2 GALLON	40 ml VOA	1 L AMBER	PRESERVATIVE

PROTECTIVE CASING:			WELL PAD:			LOCK:			WELL TAG:			VEGETATION:		
<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NA	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA	<input type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input checked="" type="checkbox"/> NA	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> BAD	<input type="checkbox"/> NA

COMMENTS: IF TURBIDITY > 10 NTUS, REDEVELOPMENT NEEDED YES NO
IF YES, OBSERVATIONS FOLLOWING LOWERING OF TUBING OR PUMP IN WELL:
IF NO, PROVIDE OBSERVATIONS REGARDING NATURAL CONDITIONS:

FIELD VEHICLE ACCESSIBLE YES NO VALUED DUE TO VIET GRASS

Associated midday/end-of-day DO, conductivity, pH within range? (See calibration sheet for this sample date) YES NO. If NO, which parameter
NOTE that reported data should be considered as flagged accordingly.



DAILY PRE-JOB BRIEFING RECORD

Site Name: BEDMLETTE RD MGP Date: 04/05/21 Time: 0815

Contacts:

Name:	<u>TODD POSTING</u>	Phone:	<u>864-420-8656</u>
Name:	<u>RICK POWELL</u>	Phone:	<u>704-497-3627</u>
Name:	<u>TOM KING</u>	Phone:	<u>803-429-3668</u>
Name:	_____	Phone:	_____

Hospital: BON SECOURS ST. FRANCIS Phone: 864-255-1600

Site Specific Safety Concerns: SLIPS, TRIPS, FALLS; STRUCK BY; DOGS; PEDESTRIANS; SCHOOL TRAFFIC; TRAFFIC CONTROL

Check Fire Extinguisher Seat Belts Vehicle Tail Lights & Signals Horn

Standard PPE:	High Visibility Vest/Shirt/or Coat Steel Toed Boots Hard Hat Safety Glasses	Job Specific PPE:	Hearing Protection Gloves (Nitrile or Leather) Dust Mask Other PFD
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Execution Package: General Activities JHA #: 100

Execution Package: SYNTERRA ACTIVITIES JHA #: _____

Work Task: SAMPLING Job-Specific PPE: Standard PPE/Level D

Work Task: _____ Job-Specific PPE: _____

Work Task: _____ Job-Specific PPE: _____

Physical Hazards: Slips, trips, & falls; biological hazards (snakes, ticks, insects);

Chemical Hazards: PRESERVATIVES IN BOTTLENECK

Environmental Awareness: Defensive driving- 360 walk arounds and spotter when backing up- ALWAYS

Other Safety Topics (Health, Cold, Hydration, Communications) HYDRATION, SCHOOL TRAFFIC, PUNCH PANTS, HOUSEKEEPING, IN/NEAR PUBLIC AREAS, APPROPRIATE GLOVES, CELL PHONE USE

Attendees:

Name:	Signature:	Name:	Signature:
<u>LEE DRAGO</u>		_____	_____
<u>Wesley Prater</u>		_____	_____
_____	_____	_____	_____
_____	_____	_____	_____



Instrument Calibration Log

SynTerra Corporation
 148 River Street, Suite 220
 Greenville, South Carolina 29601
 SC pH Certification No. 23614

Instrument ID: YSI Professional Plus
 Serial #: 17E104348
 Analyst: WTP

Date: 4/5/2021
 Sample Location: Bramlette

pH Initial Calibration (standard units)

Method: SM 4500 H+ B-2011

Calibrated at SynTerra Office - SC Certified Laboratory for pH

Cal. Time	Cal. Buffer (4.0)	Cal. Buffer (7.0)	Cal Buffer (10.0)	Check Buffer Measured Value
<u>0848</u>				<u>7.03</u>

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

4 Buffer Reference: 405
 7 Buffer Reference: 407

10 Buffer Reference: 406?
 Check Buffer Reference: 407

pH Calibration Check (standard units)

Time	Check Buffer True Value	*Check Buffer Measured Value
Mid-Day	7.0	
End-of-Day <u>1252</u>	7.0	<u>7.03</u>
Other		

*pH buffer checks are to be within ± 0.1 pH units of the standards true value

Check Buffer Reference: 407 Action Required: None

Specific Conductance (umhos/cm)

Reference Method: SW846 9050A

Time	Calibration Standard True Value	Verification standard Measured Value
Initial Cal <u>0853</u>	1409	<u>1429</u>
Mid-Day	1409	
End-of-Day <u>1255</u>	1409	<u>1408</u>

*Verification standard ± 10 percent of the standards true value

Calibration Standard Reference: 417 Verification Standard Reference: 4085

Dissolved Oxygen (mg/L)

Reference Method: SM 4500 O G-2001

	Time	Temp °C	Barometric Pressure (mm Hg)	Meter DO Reading (mg/L)	Correction Factor	DO at Temperature (mg/L)	Theoretical DO (mg/L)
Initial*	<u>0900</u>	<u>15.5</u>	<u>740.7</u>	<u>10.15</u> ^{WTP}	<u>0.975</u>	<u>9.98</u>	<u>10.37</u> ^{9.73}
Mid-Day				<u>10.12</u>			^{WTP}
End-of-Day	<u>1300</u>	<u>14.5</u>	<u>739.9</u>	<u>8.03</u>	<u>0.974</u>	<u>8.04</u>	<u>7.83</u>

*Initial meter calibration

Theoretical DO = DO from "Dissolved Oxygen Meter Calibration Verification" Table at ambient temp X Correction Factor at Barometric Pressure
 Theoretical DO and Meter DO reading within ± 0.5 mg/l, if not recalibrate meter.

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

JOB AID

1. Please get the latest form by going to the [main portal page](#) and clicking on [Updates on the company's COVID-19 preparations](#). In the middle of the page under "More Information" you will find the "Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry" form link.

Please refer to the CDC Level 3 country list (link) <https://wwwnc.cdc.gov/travel/notices>

Please refer to the CDC Domestic Travel Advisory: <https://www.cdc.gov/coronavirus/2019-ncov/travelers/travel-in-the-us.html>

2. This form must be completed by external visitors to Duke Energy facilities who do not have a Duke Energy badge.
3. This form will be available to visitors at Security / reception desks at all Duke Energy facilities. For facilities without security officers, business unit Administrative Assistants should work with building occupants to make sure anyone that meets the above criteria completes the form and meets the access criteria below prior to entering the building.
4. To grant access to Duke Energy facilities, the entire form must be completed AND question 1 and 2 cannot contain a CDC Level 3 country (see link above), OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes (follow state guidelines where they are more restrictive), AND questions 3 and 4 must be answered with a "NO" AND question 5 must be answered with a "YES".
5. If a visitor declines to complete the form, they are not allowed access to the Duke Energy facility.
6. If a visitor is denied access due to #4 or #5 above, consider rescheduling the meeting with the visitor via video or teleconference at a future date.
7. If a visitor has been denied access and refuses to leave, efforts should be made to encourage a voluntary resolution. If the issues cannot be resolved, the Enterprise Security Command Center should be contacted at (800) 951-9924.
8. These forms should be treated as confidential. The Duke Energy Host should e-mail completed forms to Enterprise Protective Services at VisitorQuestionnaire@Duke-Energy.com.
9. Emergency responders (LE, Fire, EMS, etc.) are granted an exception to this process if they are visiting a Duke Energy facility to respond to an emergency.

Coronavirus ("COVID-19") Safety Precaution Certification for Duke Energy Site Entry

Visitors to Duke Energy facilities who do not have a Duke Energy badge are required to complete the COVID-19 questionnaire. This form must be completed for each visitor each business day they visit a Duke Energy facility. The visitor is responsible for notifying their Duke Energy point of contact if they begin to show symptoms of COVID-19 or are diagnosed with COVID-19 within 14 days following their visit.

1. Have you or any member of your household visited a country outside the United States OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.

YES* NO If YES, what country/state/city? _____ Return date: _____

*If YES please refer to Job Aid on reverse side of this form for next steps

2. To the best of your knowledge, have you been in contact (physical contact of 6 feet or less for greater than 3 minutes) with anyone who has traveled outside the United States, OR traveled to an area in the U.S. that is/was under a CDC domestic travel advisory or state advisory at the time of travel within 14 days of arriving at a Duke Energy facility, whether for business or personal purposes? Follow state guidelines where they are more restrictive.

YES* NO If YES, what country/state/city? _____ Return date: _____

*If YES please refer to Job Aid on reverse side of this form for next steps

3. To the best of your knowledge, have you been in contact (physical contact of 6 feet or less) with anyone that has tested positive for COVID-19 or is suspected of having COVID-19, within the past 14 days?

YES* NO *If YES please refer to Job Aid on reverse side of this form for next steps

4. Do you have a fever, cough, or shortness of breath at this time, or have you had these symptoms in the last 14 days?

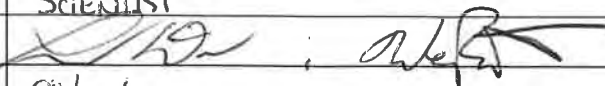
YES* NO *If YES please refer to Job Aid on reverse side of this form for next steps

5. Please confirm, by reading the list below, you have been instructed in the following hygiene practices designed to inhibit the spread of the COVID-19:

YES NO* *If NO please refer to Job Aid on reverse side of this form for next steps

- Wash hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand sanitizer that contains at least 60% alcohol.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Avoid close contact with people who are sick.
- Cover a cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces.
- Stay at home when sick and seek appropriate medical care.

CAUTION: Individuals should not enter Duke Energy facilities if they are experiencing any symptoms of a respiratory illness (fever, cough, shortness of breath, or other flu-like symptoms).

Visiting Company	SYNTEGRA CORP
Visitor First and Last Name	LEE DRAGO ; Wesley Prater
Visitor Title	SCIENTIST
Signature	
Date	04/05/21
Duke Energy Location	BENNETT MLP
Duke Energy Host First and Last Name	RICK POWELL
** Allowed Entry (Yes / No)	Yes

** To be completed by Duke Energy Host

Duke Energy Host, please scan and e-mail this form to VisitorQuestionnaire@Duke-Energy.com within 3 business days.

SURFACE WATER SAMPLING LOG



148 River Street, Suite 220
Greenville, South Carolina 29601
(864) 421-9999 • (864) 421-9909 fax
www.synTerraCorp.com

CLIENT/PROJECT NO. DUNE ENERGY
 LOCATION: SW - BRAMLETTE
 FIELD PERSONNEL: LWD & WTP
 WEATHER: SUNNY OVERCAST RAIN COOL WARM
 MULTI METER TYPE/S#: 17 F104348
 TURBIDITY METER TYPE/S# 17040C057275

SAMPLE ID: SW-18
SW-18-ws-20210405
 SAMPLE DATE: 04/05/2021
 SAMPLE TIME: 1030

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1	1030	16	8.02	187	9.92	42	2.2	CLEAR

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	100 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER
8270					2												
8260				3													
8270 LV				3													

COMMENTS: END OF STREAM; INFILTRATES 10-15' DOWNSTREAM
MINIMAL FLOW; NO OBSERVABLE IMPACTS

SURFACE WATER SAMPLING LOG



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www.synTerraCorp.com

CLIENT/PROJECT NO. DUNE ENERGY
 LOCATION: BRAMLETTE
 FIELD PERSONNEL: LWD + WTP
 WEATHER: SUNNY OVERCAST RAIN COOL WARM
 MULTI METER TYPE/S#: _____
 TURBIDITY METER TYPE/S# _____

SAMPLE ID: _____

SAMPLE DATE: 04/05/21

SW-18

SAMPLE TIME: 1035

SW-18-SE-20210405

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1								

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS									
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	40 ml VOA 125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	OTHER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER
8270 + 8270 LV				1														
8082 PCB				1														
EZ SOIL KIT								1										

COMMENTS: _____

SILT W/ SAND; BROWN, ORGANIC MATTER PRESENT
 NO OBSERVABLE IMPACTS

SURFACE WATER SAMPLING LOG



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CLIENT/PROJECT NO. DUNE ENERGY

LOCATION: BEDMLETTE

FIELD PERSONNEL: LWD + WTP

WEATHER: SUNNY OVERCAST RAIN COOL WARM

MULTI METER TYPE/S#: 17 F104348

TURBIDITY METER TYPE/S# 17040 C057275

SAMPLE ID: SW-19

SAMPLE DATE: 04/05/2021

SAMPLE TIME: 1100

SW-19-WS-20210405

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1	1100	14	7.05	199	6.27	42	2.0	CLEAR

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 mL POLY	500 mL POLY	40 ml VOA	100 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 mL POLY	500 mL POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER
8270					2												
8260				3													
8270LW				3													

COMMENTS: CHANNEL WIDENS; SAMPLED PRIOR TO SMALL CASCADE; MODERATE FLOW; NO OBSERVABLE IMPACTS; ALGAE GROWTH ON SUBSTRATE

SURFACE WATER SAMPLING LOG



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 www.synTerracorp.com

CLIENT/PROJECT NO. DUNE ENERGY
 LOCATION: BRAMLETTE
 FIELD PERSONNEL: LWD WTP
 WEATHER: SUNNY OVERCAST RAIN COOL WARM
 MULTI METER TYPE/S#: _____
 TURBIDITY METER TYPE/S# _____

SAMPLE ID: SW-19
SW-19-SE-20210405
 SAMPLE DATE: 04/05/2021
 SAMPLE TIME: 1110

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1								

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 mL POLY	500 mL POLY	40 ml VOA	125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 mL POLY	500 mL POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER

COMMENTS: _____

CORRECT SAND w/ GRAVEL ; TAN TO BROWN ; NO OBSERVABLE IMPACTS
 REACTIVITY SAMPLES

SURFACE WATER SAMPLING LOG



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www.synTerracorp.com

CLIENT/PROJECT NO. DUNE ENERGY
 LOCATION: BRAMLETTE
 FIELD PERSONNEL: LWD + WTP
 WEATHER: SUNNY OVERCAST RAIN COOL WARM
 MULTI METER TYPE/S#: 17E104348
 TURBIDITY METER TYPE/S# 17040 C 057275

SAMPLE ID: SW-20
SW-20-WS20210405
 SAMPLE DATE: 04/05/2021
 SAMPLE TIME: 1230

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1	1230	17.4	6.46	200	3.19	32	9.0	CLEAR

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR
8270				2												
8260				3												
8270 LV				3												

COMMENTS: HEAVILY IRON-STAINED CHANNEL; SHEEN PRESENT; ALGAE ON SUBSTRATE
MODERATE FLOW; MINOR PETROLEUM OIL
SAMPLE COLLECTED FROM POOL DOWNGRADIENT OF CULVERT

SURFACE WATER SAMPLING LOG



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www.synTerraCorp.com

CLIENT/PROJECT NO. _____

LOCATION: _____

FIELD PERSONNEL: _____

WEATHER: _____

MULTI METER TYPE/S#: _____

TURBIDITY METER TYPE/S# _____

DUNE ENERGY
BRAMLETTE
LWD WTP
 SUNNY OVERCAST RAIN COOL WARM

SAMPLE ID: _____

SAMPLE DATE: _____

SW-20

SAMPLE TIME: _____

SW-20-SE-20210405

04/05/2021
1245

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1								

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER

COMMENTS: _____

COARSE SAND w/ GRAVEL; TAN TO BROWN; POORLY SIFTED, NO OBSERVABLE IMPACTS

SURFACE WATER SAMPLING LOG



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(864) 421-9999 • (864) 421-9909 fax
www.synTerra.com

CLIENT/PROJECT NO. DUNE ENERGY

LOCATION: BRAMLETTE

FIELD PERSONNEL: LWT & WTP

WEATHER: SUNNY OVERCAST RAIN COOL WARM

MULTI METER TYPE/S#: 17 F104 348

TURBIDITY METER TYPE/S# 17040 C05 7275

SAMPLE ID: SW-21

SW-21-WS. 20210405

SAMPLE DATE: 04/05/21

SAMPLE TIME: 1150

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(su)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1	1150	17.1	7.12	164	8.36	44	13.4	CLEAR

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER
8270					2												
8260				3													
8270 LV				3													

COMMENTS: SAMPLED AFTER STRAINER / CASCADE ; DOWNCURRENT OF LARGE CULVERT ;
MODERATE FLOW ; NO OBSERVABLE IMPACTS ; MINOR SHEEN IN SEMI-STAGNANT
POOR UPSTREAM OF SAMPLE LOCATION
(DOWNCURRENT OF CULVERT)

SURFACE WATER SAMPLING LOG



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 Greenville, South Carolina 29601
 (864) 421-9999 • (864) 421-9909 fax
 www.synTerraCorp.com

CLIENT/PROJECT NO. DUNE ENERGY
 LOCATION: BRAMLETTE
 FIELD PERSONNEL: LWD + WTP
 WEATHER: SUNNY OVERCAST RAIN COOL WARM
 MULTI METER TYPE/S#: _____
 TURBIDITY METER TYPE/S# _____

SAMPLE ID: SW-21
SW-21_SE_20210405
 SAMPLE DATE: 04/05/2021
 SAMPLE TIME: 1200

READING	TIME	TEMPERATURE	pH	CONDUCTANCE	DO	ORP	TURBIDITY	COLOR
		(° Celsius)	(SU)	(µS/cm)	(mg/L)	(mV)	(NTU)	
1								

CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS							CONSTITUENTS SAMPLED	NUMBER OF CONTAINERS								
	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml AMBER	250 ml CLEAR	500 ml CLEAR		1 GAL AMBER	125 ml POLY	250 ml POLY	500 ml POLY	40 ml VOA	125 ml CLEAR	250 ml CLEAR	500 ml CLEAR	1 GAL AMBER

COMMENTS: SAMPLED IN POOLED WATER PRIOR TO CASCADE (NO SAMPLABLE SUBSTRATE @ SW SAMPLE LOCATION)

FINE SANDS W/ MINOR GRAVEL ; BROWN, NO OBSERVABLE IMPACTS

APPENDIX C

LABORATORY ANALYTICAL REPORTS

(Provided as part of complete pdf on
attached CD)



April 21, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on February 25, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92524326001	MW-49BR_WG_70_20210224	Water	02/24/21 15:40	02/25/21 14:10
92524326002	MW-49BR_WG_55_20210224	Water	02/24/21 11:25	02/25/21 14:10
92524326003	EB-03_WQ_20210224	Water	02/24/21 13:30	02/25/21 14:10
92524326004	FB-02_WQ_20210224	Water	02/24/21 14:45	02/25/21 14:10
92524326005	TB-02_WQ	Water	02/25/21 00:00	02/25/21 14:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92524326001	MW-49BR_WG_70_20210224	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92524326002	MW-49BR_WG_55_20210224	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92524326003	EB-03_WQ_20210224	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92524326004	FB-02_WQ_20210224	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92524326005	TB-02_WQ	EPA 8260D	BSH	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92524326001	MW-49BR_WG_70_20210224					
EPA 6010D	Calcium	16500	ug/L	100	04/14/21 13:54	
EPA 6010D	Iron	13100	ug/L	50.0	04/14/21 13:54	
EPA 6010D	Magnesium	4240	ug/L	100	04/14/21 13:54	
EPA 6010D	Manganese	223	ug/L	5.0	04/14/21 13:54	
EPA 6010D	Hardness, Total(SM 2340B)	58600	ug/L	662	04/14/21 13:54	
EPA 8270E	Acenaphthene	47.4J	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Acenaphthylene	357	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Anthracene	69.2	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Benzo(a)anthracene	29.9J	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Benzo(b)fluoranthene	15.0J	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Chrysene	19.6J	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Dibenzofuran	33.3J	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	2,4-Dimethylphenol	54.2	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Fluoranthene	78.1	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Fluorene	142	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	1-Methylnaphthalene	440	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	2-Methylnaphthalene	724	ug/L	100	04/17/21 13:55	H2
EPA 8270E	Phenanthrene	353	ug/L	50.0	04/17/21 10:04	H2
EPA 8270E	Pyrene	136	ug/L	50.0	04/17/21 10:04	H2
EPA 8260D	Benzene	140	ug/L	20.0	04/16/21 00:15	H1
EPA 8260D	2-Butanone (MEK)	170	ug/L	100	04/16/21 00:15	H1,v1
EPA 8260D	Ethylbenzene	20.1	ug/L	20.0	04/16/21 00:15	H1
EPA 8260D	Naphthalene	1920	ug/L	20.0	04/16/21 00:15	H1
EPA 8260D	Styrene	37.0	ug/L	20.0	04/16/21 00:15	H1
EPA 8260D	Toluene	135	ug/L	20.0	04/16/21 00:15	H1
EPA 8260D	Xylene (Total)	51.8	ug/L	20.0	04/16/21 00:15	
EPA 8260D	m&p-Xylene	29.9J	ug/L	40.0	04/16/21 00:15	H1
EPA 8260D	o-Xylene	21.8	ug/L	20.0	04/16/21 00:15	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	144	mg/L	5.0	04/13/21 17:23	H3
SM 2540C-2011	Total Dissolved Solids	233	mg/L	25.0	04/14/21 01:15	H1
SM 2540D-2011	Total Suspended Solids	172	mg/L	19.2	04/13/21 19:19	H1
SM 5210B-2011	BOD, 5 day	3.6	mg/L	2.0	04/19/21 10:02	H1,H2
SM 5220D-2011	Chemical Oxygen Demand	70.4	mg/L	25.0	04/20/21 05:35	H1,H2
SM 5310B-2011	Total Organic Carbon	9.5	mg/L	1.0	04/15/21 03:59	H1
92524326002	MW-49BR_WG_55_20210224					
EPA 6010D	Calcium	7810	ug/L	100	04/14/21 13:57	
EPA 6010D	Iron	7150	ug/L	50.0	04/14/21 13:57	
EPA 6010D	Magnesium	2890	ug/L	100	04/14/21 13:57	
EPA 6010D	Manganese	115	ug/L	5.0	04/14/21 13:57	
EPA 6010D	Hardness, Total(SM 2340B)	31400	ug/L	662	04/14/21 13:57	
EPA 8270E	Acenaphthene	95.7	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Acenaphthylene	115	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Anthracene	10.7	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Dibenzofuran	15.9	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	2,4-Dimethylphenol	4.9J	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Fluoranthene	4.2J	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Fluorene	61.7	ug/L	10.0	04/17/21 10:35	H2

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92524326002	MW-49BR_WG_55_20210224					
EPA 8270E	1-Methylnaphthalene	304	ug/L	50.0	04/17/21 16:30	H2
EPA 8270E	2-Methylnaphthalene	502	ug/L	50.0	04/17/21 16:30	H2
EPA 8270E	Phenanthrene	74.4	ug/L	10.0	04/17/21 10:35	H2
EPA 8270E	Pyrene	7.4J	ug/L	10.0	04/17/21 10:35	H2
EPA 8260D	Benzene	49.4	ug/L	10.0	04/15/21 23:57	H1
EPA 8260D	Ethylbenzene	46.6	ug/L	10.0	04/15/21 23:57	H1
EPA 8260D	Naphthalene	1600	ug/L	10.0	04/15/21 23:57	H1,M1
EPA 8260D	Styrene	6.1J	ug/L	10.0	04/15/21 23:57	H1
EPA 8260D	Toluene	23.6	ug/L	10.0	04/15/21 23:57	H1
EPA 8260D	Xylene (Total)	37.4	ug/L	10.0	04/15/21 23:57	
EPA 8260D	m&p-Xylene	22.0	ug/L	20.0	04/15/21 23:57	H1
EPA 8260D	o-Xylene	15.4	ug/L	10.0	04/15/21 23:57	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	67.6	mg/L	5.0	04/13/21 17:36	H3
SM 2540C-2011	Total Dissolved Solids	145	mg/L	25.0	04/14/21 01:16	H1
SM 2540D-2011	Total Suspended Solids	13.1	mg/L	3.8	04/13/21 19:20	H1
SM 5310B-2011	Total Organic Carbon	2.8	mg/L	1.0	04/15/21 04:19	H1
92524326003	EB-03_WQ_20210224					
EPA 8260D	Acetone	12.6J	ug/L	25.0	04/15/21 23:39	H1,v1
EPA 8260D	Methylene Chloride	2.6J	ug/L	5.0	04/15/21 23:39	H1
EPA 8260D	Naphthalene	1.1	ug/L	1.0	04/15/21 23:39	H1
SM 5310B-2011	Total Organic Carbon	0.69J	mg/L	1.0	04/15/21 04:38	H1
92524326004	FB-02_WQ_20210224					
SM 5310B-2011	Total Organic Carbon	0.67J	mg/L	1.0	04/15/21 04:54	H1

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: EPA 6010D
Description: 6010 MET ICP
Client: Duke Energy
Date: April 21, 2021

General Information:

4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613328

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3228029)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

R1: RPD value was outside control limits.

- MSD (Lab ID: 3228030)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 21, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 614182

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3232412)
 - Butylbenzylphthalate
- EB-03_WQ_20210224 (Lab ID: 92524326003)
 - Butylbenzylphthalate
- LCS (Lab ID: 3232413)
 - Butylbenzylphthalate
- MS (Lab ID: 3232414)
 - 2-Nitrophenol
 - bis(2-Chloroethyl) ether
- MSD (Lab ID: 3232415)
 - 2-Nitrophenol
 - bis(2-Chloroethyl) ether
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
 - Butylbenzylphthalate
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
 - 2-Nitrophenol
 - bis(2-Chloroethyl) ether

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 21, 2021

QC Batch: 614182

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Aniline

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3232414)
 - Aniline
- MSD (Lab ID: 3232415)
 - Aniline

QC Batch: 614509

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- FB-02_WQ_20210224 (Lab ID: 92524326004)
 - 4-Bromophenylphenyl ether

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 614182

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
 - 2-Fluorophenol (S)

QC Batch: 614509

S0: Surrogate recovery outside laboratory control limits.

- BLANK (Lab ID: 3234087)
 - 2-Fluorophenol (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614182

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532666002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3232414)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 21, 2021

QC Batch: 614182

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532666002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- 2,4-Dinitrophenol
- 4,6-Dinitro-2-methylphenol
- 4-Nitrophenol
- Benzoic Acid
- Pentachlorophenol
- MSD (Lab ID: 3232415)
 - 2,4-Dinitrophenol
 - Benzoic Acid
 - Pentachlorophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3232415)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol

QC Batch: 614509

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532676002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3234089)
 - Benzoic Acid

Additional Comments:

Analyte Comments:

QC Batch: 614182

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
 - Nitrobenzene-d5 (S)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 21, 2021

General Information:

5 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
• TB-02_WQ (Lab ID: 92524326005)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.
• EB-03_WQ_20210224 (Lab ID: 92524326003)
• FB-02_WQ_20210224 (Lab ID: 92524326004)
• MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
• MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
• TB-02_WQ (Lab ID: 92524326005)

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3228523)
 - Chloroethane
- FB-02_WQ_20210224 (Lab ID: 92524326004)
 - Chloroethane
- LCS (Lab ID: 3228524)
 - Chloroethane
- LCSD (Lab ID: 3230895)
 - Chloroethane
- TB-02_WQ (Lab ID: 92524326005)
 - Chloroethane

QC Batch: 614060

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3231905)
 - Chloroethane
- EB-03_WQ_20210224 (Lab ID: 92524326003)
 - Chloroethane
- LCS (Lab ID: 3231906)
 - Chloroethane
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
 - Chloroethane
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
 - Chloroethane

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 21, 2021

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3228523)
 - Carbon tetrachloride
- FB-02_WQ_20210224 (Lab ID: 92524326004)
 - Carbon tetrachloride
- LCS (Lab ID: 3228524)
 - Carbon tetrachloride
- LCSD (Lab ID: 3230895)
 - Carbon tetrachloride
- TB-02_WQ (Lab ID: 92524326005)
 - Carbon tetrachloride

QC Batch: 614060

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3231905)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- EB-03_WQ_20210224 (Lab ID: 92524326003)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- LCS (Lab ID: 3231906)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 21, 2021

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 614060

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3231906)
- Vinyl acetate

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614060

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524326002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3231907)
 - Naphthalene
- MSD (Lab ID: 3231908)
 - Naphthalene

Additional Comments:

Analyte Comments:

QC Batch: 613412

1g: Sample was moved to an uncontrolled temperature environment 21 days after collection.

- FB-02_WQ_20210224 (Lab ID: 92524326004)
 - 4-Bromofluorobenzene (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: SM 2320B-2011

Description: 2320B Alkalinity

Client: Duke Energy

Date: April 21, 2021

General Information:

4 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: SM 2540C-2011
Description: 2540C Total Dissolved Solids
Client: Duke Energy
Date: April 21, 2021

General Information:

4 samples were analyzed for SM 2540C-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: SM 2540D-2011

Description: 2540D Total Suspended Solids

Client: Duke Energy

Date: April 21, 2021

General Information:

4 samples were analyzed for SM 2540D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: SM 5210B-2011
Description: 5210B BOD, 5 day
Client: Duke Energy
Date: April 21, 2021

General Information:

4 samples were analyzed for SM 5210B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

H2: Extraction or preparation conducted outside EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Sample Preparation:

The samples were prepared in accordance with with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Method: SM 5220D-2011
Description: 5220D COD
Client: Duke Energy
Date: April 21, 2021

General Information:

4 samples were analyzed for SM 5220D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

H2: Extraction or preparation conducted outside EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Sample Preparation:

The samples were prepared in accordance with SM 5220D-2011 with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614779

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531712001,92531820001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3235371)
 - Chemical Oxygen Demand
- MSD (Lab ID: 3235372)
 - Chemical Oxygen Demand

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Method: SM 5310B-2011

Description: 5310B TOC

Client: Duke Energy

Date: April 21, 2021

General Information:

4 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- EB-03_WQ_20210224 (Lab ID: 92524326003)
- FB-02_WQ_20210224 (Lab ID: 92524326004)
- MW-49BR_WG_55_20210224 (Lab ID: 92524326002)
- MW-49BR_WG_70_20210224 (Lab ID: 92524326001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613721

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001,92525782002

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3230047)
 - Total Organic Carbon
- MSD (Lab ID: 3230048)
 - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_70_20210224 **Lab ID:** 92524326001 Collected: 02/24/21 15:40 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Calcium	16500	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 13:54	7440-70-2	
Iron	13100	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 13:54	7439-89-6	
Magnesium	4240	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 13:54	7439-95-4	
Manganese	223	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 13:54	7439-96-5	
Hardness, Total(SM 2340B)	58600	ug/L	662	131	1	04/13/21 18:40	04/14/21 13:54		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	47.4J	ug/L	50.0	10.0	5	04/16/21 08:04	04/17/21 10:04	83-32-9	H2
Acenaphthylene	357	ug/L	50.0	9.8	5	04/16/21 08:04	04/17/21 10:04	208-96-8	H2
Aniline	ND	ug/L	50.0	8.2	5	04/16/21 08:04	04/17/21 10:04	62-53-3	H2,v2
Anthracene	69.2	ug/L	50.0	11.6	5	04/16/21 08:04	04/17/21 10:04	120-12-7	H2
Benzo(a)anthracene	29.9J	ug/L	50.0	13.4	5	04/16/21 08:04	04/17/21 10:04	56-55-3	H2
Benzo(b)fluoranthene	15.0J	ug/L	50.0	13.0	5	04/16/21 08:04	04/17/21 10:04	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	50.0	14.2	5	04/16/21 08:04	04/17/21 10:04	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	50.0	13.6	5	04/16/21 08:04	04/17/21 10:04	207-08-9	H2
Benzoic Acid	ND	ug/L	250	17.0	5	04/16/21 08:04	04/17/21 10:04	65-85-0	H2
Benzyl alcohol	ND	ug/L	100	14.5	5	04/16/21 08:04	04/17/21 10:04	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	50.0	8.8	5	04/16/21 08:04	04/17/21 10:04	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	50.0	15.7	5	04/16/21 08:04	04/17/21 10:04	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	50.0	16.7	5	04/16/21 08:04	04/17/21 10:04	59-50-7	H2
4-Chloroaniline	ND	ug/L	100	18.2	5	04/16/21 08:04	04/17/21 10:04	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	50.0	9.1	5	04/16/21 08:04	04/17/21 10:04	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	50.0	9.6	5	04/16/21 08:04	04/17/21 10:04	111-44-4	H2,v1
2-Chloronaphthalene	ND	ug/L	50.0	8.6	5	04/16/21 08:04	04/17/21 10:04	91-58-7	H2
2-Chlorophenol	ND	ug/L	50.0	6.0	5	04/16/21 08:04	04/17/21 10:04	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	50.0	10.0	5	04/16/21 08:04	04/17/21 10:04	7005-72-3	H2
Chrysene	19.6J	ug/L	50.0	13.8	5	04/16/21 08:04	04/17/21 10:04	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	50.0	14.8	5	04/16/21 08:04	04/17/21 10:04	53-70-3	H2
Dibenzofuran	33.3J	ug/L	50.0	10.5	5	04/16/21 08:04	04/17/21 10:04	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	100	40.6	5	04/16/21 08:04	04/17/21 10:04	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	50.0	7.0	5	04/16/21 08:04	04/17/21 10:04	120-83-2	H2
Diethylphthalate	ND	ug/L	50.0	10.2	5	04/16/21 08:04	04/17/21 10:04	84-66-2	H2
2,4-Dimethylphenol	54.2	ug/L	50.0	8.5	5	04/16/21 08:04	04/17/21 10:04	105-67-9	H2
Dimethylphthalate	ND	ug/L	50.0	10.6	5	04/16/21 08:04	04/17/21 10:04	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	50.0	11.0	5	04/16/21 08:04	04/17/21 10:04	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	100	17.0	5	04/16/21 08:04	04/17/21 10:04	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	250	130	5	04/16/21 08:04	04/17/21 10:04	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	50.0	8.1	5	04/16/21 08:04	04/17/21 10:04	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	50.0	8.6	5	04/16/21 08:04	04/17/21 10:04	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	50.0	19.6	5	04/16/21 08:04	04/17/21 10:04	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	30.0	18.6	5	04/16/21 08:04	04/17/21 10:04	117-81-7	H2
Fluoranthene	78.1	ug/L	50.0	11.0	5	04/16/21 08:04	04/17/21 10:04	206-44-0	H2
Fluorene	142	ug/L	50.0	10.4	5	04/16/21 08:04	04/17/21 10:04	86-73-7	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Sample: MW-49BR_WG_70_20210224 **Lab ID:** 92524326001 Collected: 02/24/21 15:40 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorobenzene	ND	ug/L	50.0	10.8	5	04/16/21 08:04	04/17/21 10:04	118-74-1	H2
Hexachlorocyclopentadiene	ND	ug/L	50.0	8.0	5	04/16/21 08:04	04/17/21 10:04	77-47-4	H2
Hexachloroethane	ND	ug/L	50.0	6.9	5	04/16/21 08:04	04/17/21 10:04	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	50.0	14.4	5	04/16/21 08:04	04/17/21 10:04	193-39-5	H2
Isophorone	ND	ug/L	50.0	8.3	5	04/16/21 08:04	04/17/21 10:04	78-59-1	H2
1-Methylnaphthalene	440	ug/L	50.0	10.2	5	04/16/21 08:04	04/17/21 10:04	90-12-0	H2
2-Methylnaphthalene	724	ug/L	100	18.7	10	04/16/21 08:04	04/17/21 13:55	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	9.4	5	04/16/21 08:04	04/17/21 10:04	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	6.1	5	04/16/21 08:04	04/17/21 10:04	15831-10-4	H2
2-Nitroaniline	ND	ug/L	100	14.9	5	04/16/21 08:04	04/17/21 10:04	88-74-4	H2
3-Nitroaniline	ND	ug/L	100	18.8	5	04/16/21 08:04	04/17/21 10:04	99-09-2	H2
4-Nitroaniline	ND	ug/L	100	25.5	5	04/16/21 08:04	04/17/21 10:04	100-01-6	H2
Nitrobenzene	ND	ug/L	50.0	9.4	5	04/16/21 08:04	04/17/21 10:04	98-95-3	H2
2-Nitrophenol	ND	ug/L	50.0	7.0	5	04/16/21 08:04	04/17/21 10:04	88-75-5	H2,v1
4-Nitrophenol	ND	ug/L	250	33.0	5	04/16/21 08:04	04/17/21 10:04	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	50.0	9.4	5	04/16/21 08:04	04/17/21 10:04	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	50.0	6.6	5	04/16/21 08:04	04/17/21 10:04	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	50.0	15.0	5	04/16/21 08:04	04/17/21 10:04	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	50.0	5.8	5	04/16/21 08:04	04/17/21 10:04	108-60-1	H2
Pentachlorophenol	ND	ug/L	100	18.8	5	04/16/21 08:04	04/17/21 10:04	87-86-5	H2
Phenanthrene	353	ug/L	50.0	10.0	5	04/16/21 08:04	04/17/21 10:04	85-01-8	H2
Phenol	ND	ug/L	50.0	6.8	5	04/16/21 08:04	04/17/21 10:04	108-95-2	H2
Pyrene	136	ug/L	50.0	11.0	5	04/16/21 08:04	04/17/21 10:04	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	50.0	7.1	5	04/16/21 08:04	04/17/21 10:04	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	50.0	7.8	5	04/16/21 08:04	04/17/21 10:04	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		5	04/16/21 08:04	04/17/21 10:04	4165-60-0	D3
2-Fluorobiphenyl (S)	54	%	10-130		5	04/16/21 08:04	04/17/21 10:04	321-60-8	
Terphenyl-d14 (S)	85	%	34-163		5	04/16/21 08:04	04/17/21 10:04	1718-51-0	
Phenol-d6 (S)	18	%	10-130		5	04/16/21 08:04	04/17/21 10:04	13127-88-3	
2-Fluorophenol (S)	4	%	10-130		5	04/16/21 08:04	04/17/21 10:04	367-12-4	S5
2,4,6-Tribromophenol (S)	22	%	10-144		5	04/16/21 08:04	04/17/21 10:04	118-79-6	

8260 MSV Low Level SC Analytical Method: EPA 8260D
Pace Analytical Services - Charlotte

Acetone	ND	ug/L	500	102	20		04/16/21 00:15	67-64-1	H1,v1
Benzene	140	ug/L	20.0	6.9	20		04/16/21 00:15	71-43-2	H1
Bromobenzene	ND	ug/L	20.0	5.8	20		04/16/21 00:15	108-86-1	H1
Bromochloromethane	ND	ug/L	20.0	9.4	20		04/16/21 00:15	74-97-5	H1
Bromodichloromethane	ND	ug/L	20.0	6.1	20		04/16/21 00:15	75-27-4	H1
Bromoform	ND	ug/L	20.0	6.8	20		04/16/21 00:15	75-25-2	H1
Bromomethane	ND	ug/L	40.0	33.2	20		04/16/21 00:15	74-83-9	H1
2-Butanone (MEK)	170	ug/L	100	79.2	20		04/16/21 00:15	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	20.0	6.7	20		04/16/21 00:15	56-23-5	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_70_20210224 **Lab ID:** 92524326001 Collected: 02/24/21 15:40 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chlorobenzene	ND	ug/L	20.0	5.7	20		04/16/21 00:15	108-90-7	H1
Chloroethane	ND	ug/L	20.0	13.0	20		04/16/21 00:15	75-00-3	H1,IK, v1
Chloroform	ND	ug/L	100	31.2	20		04/16/21 00:15	67-66-3	H1
Chloromethane	ND	ug/L	20.0	10.8	20		04/16/21 00:15	74-87-3	H1
2-Chlorotoluene	ND	ug/L	20.0	6.4	20		04/16/21 00:15	95-49-8	H1
4-Chlorotoluene	ND	ug/L	20.0	6.5	20		04/16/21 00:15	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	6.8	20		04/16/21 00:15	96-12-8	H1
Dibromochloromethane	ND	ug/L	20.0	7.2	20		04/16/21 00:15	124-48-1	H1
Dibromomethane	ND	ug/L	20.0	7.9	20		04/16/21 00:15	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	20.0	6.8	20		04/16/21 00:15	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	20.0	6.8	20		04/16/21 00:15	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	20.0	6.7	20		04/16/21 00:15	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	20.0	6.9	20		04/16/21 00:15	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	20.0	7.3	20		04/16/21 00:15	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	20.0	6.4	20		04/16/21 00:15	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	20.0	7.0	20		04/16/21 00:15	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	20.0	7.7	20		04/16/21 00:15	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	20.0	7.9	20		04/16/21 00:15	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	20.0	7.1	20		04/16/21 00:15	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	20.0	5.7	20		04/16/21 00:15	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	20.0	7.8	20		04/16/21 00:15	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	20.0	8.5	20		04/16/21 00:15	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		04/16/21 00:15	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		04/16/21 00:15	10061-02-6	H1
Diisopropyl ether	ND	ug/L	20.0	6.2	20		04/16/21 00:15	108-20-3	H1
Ethylbenzene	20.1	ug/L	20.0	6.1	20		04/16/21 00:15	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	40.0	30.6	20		04/16/21 00:15	87-68-3	H1
2-Hexanone	ND	ug/L	100	9.5	20		04/16/21 00:15	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	20.0	8.3	20		04/16/21 00:15	99-87-6	H1
Methylene Chloride	ND	ug/L	100	39.0	20		04/16/21 00:15	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	54.2	20		04/16/21 00:15	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	20.0	8.4	20		04/16/21 00:15	1634-04-4	H1
Naphthalene	1920	ug/L	20.0	12.9	20		04/16/21 00:15	91-20-3	H1
Styrene	37.0	ug/L	20.0	5.8	20		04/16/21 00:15	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	6.2	20		04/16/21 00:15	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	4.5	20		04/16/21 00:15	79-34-5	H1
Tetrachloroethene	ND	ug/L	20.0	5.8	20		04/16/21 00:15	127-18-4	H1
Toluene	135	ug/L	20.0	9.7	20		04/16/21 00:15	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	20.0	16.1	20		04/16/21 00:15	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	20.0	12.8	20		04/16/21 00:15	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	20.0	6.6	20		04/16/21 00:15	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	20.0	6.5	20		04/16/21 00:15	79-00-5	H1
Trichloroethene	ND	ug/L	20.0	7.7	20		04/16/21 00:15	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	20.0	6.0	20		04/16/21 00:15	75-69-4	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_70_20210224 Lab ID: 92524326001 Collected: 02/24/21 15:40 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/L	20.0	5.2	20		04/16/21 00:15	96-18-4	H1
Vinyl acetate	ND	ug/L	40.0	26.2	20		04/16/21 00:15	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	20.0	7.7	20		04/16/21 00:15	75-01-4	H1
Xylene (Total)	51.8	ug/L	20.0	6.8	20		04/16/21 00:15	1330-20-7	
m&p-Xylene	29.9J	ug/L	40.0	14.2	20		04/16/21 00:15	179601-23-1	H1
o-Xylene	21.8	ug/L	20.0	6.8	20		04/16/21 00:15	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		20		04/16/21 00:15	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		20		04/16/21 00:15	17060-07-0	
Toluene-d8 (S)	111	%	70-130		20		04/16/21 00:15	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	144	mg/L	5.0	5.0	1		04/13/21 17:23		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	233	mg/L	25.0	25.0	1		04/14/21 01:15		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	172	mg/L	19.2	19.2	1		04/13/21 19:19		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	3.6	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:02		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	70.4	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:35		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	9.5	mg/L	1.0	0.50	1		04/15/21 03:59	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_55_20210224 **Lab ID:** 92524326002 **Collected:** 02/24/21 11:25 **Received:** 02/25/21 14:10 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Calcium	7810	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 13:57	7440-70-2	
Iron	7150	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 13:57	7439-89-6	
Magnesium	2890	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 13:57	7439-95-4	
Manganese	115	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 13:57	7439-96-5	
Hardness, Total(SM 2340B)	31400	ug/L	662	131	1	04/13/21 18:40	04/14/21 13:57		
8270E RVE		Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte							
Acenaphthene	95.7	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 10:35	83-32-9	H2
Acenaphthylene	115	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 10:35	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 10:35	62-53-3	H2
Anthracene	10.7	ug/L	10.0	2.3	1	04/16/21 08:04	04/17/21 10:35	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/16/21 08:04	04/17/21 10:35	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/16/21 08:04	04/17/21 10:35	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/16/21 08:04	04/17/21 10:35	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/16/21 08:04	04/17/21 10:35	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/16/21 08:04	04/17/21 10:35	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/16/21 08:04	04/17/21 10:35	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/16/21 08:04	04/17/21 10:35	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/16/21 08:04	04/17/21 10:35	85-68-7	H2,v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/16/21 08:04	04/17/21 10:35	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/16/21 08:04	04/17/21 10:35	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/16/21 08:04	04/17/21 10:35	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 10:35	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 10:35	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 10:35	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 10:35	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/16/21 08:04	04/17/21 10:35	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/16/21 08:04	04/17/21 10:35	53-70-3	H2
Dibenzofuran	15.9	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 10:35	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/16/21 08:04	04/17/21 10:35	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 10:35	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 10:35	84-66-2	H2
2,4-Dimethylphenol	4.9J	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 10:35	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 10:35	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 10:35	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/16/21 08:04	04/17/21 10:35	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/16/21 08:04	04/17/21 10:35	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 10:35	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 10:35	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/16/21 08:04	04/17/21 10:35	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/16/21 08:04	04/17/21 10:35	117-81-7	H2
Fluoranthene	4.2J	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 10:35	206-44-0	H2
Fluorene	61.7	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 10:35	86-73-7	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: **MW-49BR_WG_55_20210224** Lab ID: **92524326002** Collected: 02/24/21 11:25 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 10:35	118-74-1	H2
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 10:35	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 10:35	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/16/21 08:04	04/17/21 10:35	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 10:35	78-59-1	H2
1-Methylnaphthalene	304	ug/L	50.0	10.2	5	04/16/21 08:04	04/17/21 16:30	90-12-0	H2
2-Methylnaphthalene	502	ug/L	50.0	9.4	5	04/16/21 08:04	04/17/21 16:30	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 10:35	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 10:35	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/16/21 08:04	04/17/21 10:35	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/16/21 08:04	04/17/21 10:35	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/16/21 08:04	04/17/21 10:35	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 10:35	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 10:35	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/16/21 08:04	04/17/21 10:35	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 10:35	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/16/21 08:04	04/17/21 10:35	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/16/21 08:04	04/17/21 10:35	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 10:35	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/16/21 08:04	04/17/21 10:35	87-86-5	H2
Phenanthrene	74.4	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 10:35	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 10:35	108-95-2	H2
Pyrene	7.4J	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 10:35	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 10:35	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 10:35	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-144		1	04/16/21 08:04	04/17/21 10:35	4165-60-0	
2-Fluorobiphenyl (S)	64	%	10-130		1	04/16/21 08:04	04/17/21 10:35	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	04/16/21 08:04	04/17/21 10:35	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	04/16/21 08:04	04/17/21 10:35	13127-88-3	
2-Fluorophenol (S)	61	%	10-130		1	04/16/21 08:04	04/17/21 10:35	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	04/16/21 08:04	04/17/21 10:35	118-79-6	

8260 MSV Low Level SC

Analytical Method: EPA 8260D
Pace Analytical Services - Charlotte

Acetone	ND	ug/L	250	51.1	10		04/15/21 23:57	67-64-1	H1,v1
Benzene	49.4	ug/L	10.0	3.4	10		04/15/21 23:57	71-43-2	H1
Bromobenzene	ND	ug/L	10.0	2.9	10		04/15/21 23:57	108-86-1	H1
Bromochloromethane	ND	ug/L	10.0	4.7	10		04/15/21 23:57	74-97-5	H1
Bromodichloromethane	ND	ug/L	10.0	3.1	10		04/15/21 23:57	75-27-4	H1
Bromoform	ND	ug/L	10.0	3.4	10		04/15/21 23:57	75-25-2	H1
Bromomethane	ND	ug/L	20.0	16.6	10		04/15/21 23:57	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		04/15/21 23:57	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		04/15/21 23:57	56-23-5	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_55_20210224 **Lab ID:** 92524326002 Collected: 02/24/21 11:25 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D							
		Pace Analytical Services - Charlotte							
Chlorobenzene	ND	ug/L	10.0	2.8	10		04/15/21 23:57	108-90-7	H1
Chloroethane	ND	ug/L	10.0	6.5	10		04/15/21 23:57	75-00-3	H1,IK, v1
Chloroform	ND	ug/L	50.0	15.6	10		04/15/21 23:57	67-66-3	H1
Chloromethane	ND	ug/L	10.0	5.4	10		04/15/21 23:57	74-87-3	H1
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		04/15/21 23:57	95-49-8	H1
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		04/15/21 23:57	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		04/15/21 23:57	96-12-8	H1
Dibromochloromethane	ND	ug/L	10.0	3.6	10		04/15/21 23:57	124-48-1	H1
Dibromomethane	ND	ug/L	10.0	3.9	10		04/15/21 23:57	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		04/15/21 23:57	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		04/15/21 23:57	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		04/15/21 23:57	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		04/15/21 23:57	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		04/15/21 23:57	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		04/15/21 23:57	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		04/15/21 23:57	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		04/15/21 23:57	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		04/15/21 23:57	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		04/15/21 23:57	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		04/15/21 23:57	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		04/15/21 23:57	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		04/15/21 23:57	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		04/15/21 23:57	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		04/15/21 23:57	10061-02-6	H1
Diisopropyl ether	ND	ug/L	10.0	3.1	10		04/15/21 23:57	108-20-3	H1
Ethylbenzene	46.6	ug/L	10.0	3.0	10		04/15/21 23:57	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		04/15/21 23:57	87-68-3	H1
2-Hexanone	ND	ug/L	50.0	4.8	10		04/15/21 23:57	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		04/15/21 23:57	99-87-6	H1
Methylene Chloride	ND	ug/L	50.0	19.5	10		04/15/21 23:57	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		04/15/21 23:57	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		04/15/21 23:57	1634-04-4	H1
Naphthalene	1600	ug/L	10.0	6.4	10		04/15/21 23:57	91-20-3	H1,M1
Styrene	6.1J	ug/L	10.0	2.9	10		04/15/21 23:57	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		04/15/21 23:57	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		04/15/21 23:57	79-34-5	H1
Tetrachloroethene	ND	ug/L	10.0	2.9	10		04/15/21 23:57	127-18-4	H1
Toluene	23.6	ug/L	10.0	4.8	10		04/15/21 23:57	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		04/15/21 23:57	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		04/15/21 23:57	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		04/15/21 23:57	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		04/15/21 23:57	79-00-5	H1
Trichloroethene	ND	ug/L	10.0	3.8	10		04/15/21 23:57	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		04/15/21 23:57	75-69-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: MW-49BR_WG_55_20210224 **Lab ID:** 92524326002 Collected: 02/24/21 11:25 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		04/15/21 23:57	96-18-4	H1
Vinyl acetate	ND	ug/L	20.0	13.1	10		04/15/21 23:57	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	10.0	3.9	10		04/15/21 23:57	75-01-4	H1
Xylene (Total)	37.4	ug/L	10.0	3.4	10		04/15/21 23:57	1330-20-7	
m&p-Xylene	22.0	ug/L	20.0	7.1	10		04/15/21 23:57	179601-23-1	H1
o-Xylene	15.4	ug/L	10.0	3.4	10		04/15/21 23:57	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		10		04/15/21 23:57	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		10		04/15/21 23:57	17060-07-0	
Toluene-d8 (S)	109	%	70-130		10		04/15/21 23:57	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	67.6	mg/L	5.0	5.0	1		04/13/21 17:36		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	145	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011									
Pace Analytical Services - Asheville									
Total Suspended Solids	13.1	mg/L	3.8	3.8	1		04/13/21 19:20		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011									
Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 09:53		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011									
Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:35		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	2.8	mg/L	1.0	0.50	1		04/15/21 04:19	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: EB-03_WQ_20210224 **Lab ID: 92524326003** Collected: 02/24/21 13:30 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:12	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:12	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:12	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:12	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:12		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 11:01	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/16/21 08:04	04/17/21 11:01	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/16/21 08:04	04/17/21 11:01	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/16/21 08:04	04/17/21 11:01	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/16/21 08:04	04/17/21 11:01	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/16/21 08:04	04/17/21 11:01	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/16/21 08:04	04/17/21 11:01	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/16/21 08:04	04/17/21 11:01	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/16/21 08:04	04/17/21 11:01	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/16/21 08:04	04/17/21 11:01	85-68-7	H2,v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/16/21 08:04	04/17/21 11:01	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/16/21 08:04	04/17/21 11:01	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/16/21 08:04	04/17/21 11:01	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 11:01	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 11:01	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 11:01	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/16/21 08:04	04/17/21 11:01	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/16/21 08:04	04/17/21 11:01	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 11:01	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/16/21 08:04	04/17/21 11:01	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 11:01	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 11:01	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 11:01	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 11:01	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/16/21 08:04	04/17/21 11:01	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/16/21 08:04	04/17/21 11:01	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 11:01	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 11:01	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/16/21 08:04	04/17/21 11:01	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/16/21 08:04	04/17/21 11:01	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 11:01	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/16/21 08:04	04/17/21 11:01	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 11:01	118-74-1	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: **EB-03_WQ_20210224** Lab ID: **92524326003** Collected: 02/24/21 13:30 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 11:01	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 11:01	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/16/21 08:04	04/17/21 11:01	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/16/21 08:04	04/17/21 11:01	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 11:01	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 11:01	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 11:01	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/16/21 08:04	04/17/21 11:01	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/16/21 08:04	04/17/21 11:01	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/16/21 08:04	04/17/21 11:01	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 11:01	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 11:01	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/16/21 08:04	04/17/21 11:01	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/16/21 08:04	04/17/21 11:01	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/16/21 08:04	04/17/21 11:01	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/16/21 08:04	04/17/21 11:01	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/16/21 08:04	04/17/21 11:01	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/16/21 08:04	04/17/21 11:01	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/16/21 08:04	04/17/21 11:01	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 11:01	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/16/21 08:04	04/17/21 11:01	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/16/21 08:04	04/17/21 11:01	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/16/21 08:04	04/17/21 11:01	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-144		1	04/16/21 08:04	04/17/21 11:01	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-130		1	04/16/21 08:04	04/17/21 11:01	321-60-8	
Terphenyl-d14 (S)	98	%	34-163		1	04/16/21 08:04	04/17/21 11:01	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	04/16/21 08:04	04/17/21 11:01	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	04/16/21 08:04	04/17/21 11:01	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-144		1	04/16/21 08:04	04/17/21 11:01	118-79-6	

8260 MSV Low Level SC

Analytical Method: EPA 8260D

Pace Analytical Services - Charlotte

Acetone	12.6J	ug/L	25.0	5.1	1		04/15/21 23:39	67-64-1	H1,v1
Benzene	ND	ug/L	1.0	0.34	1		04/15/21 23:39	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/15/21 23:39	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/15/21 23:39	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/15/21 23:39	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/15/21 23:39	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/15/21 23:39	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/15/21 23:39	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/15/21 23:39	56-23-5	H1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/15/21 23:39	108-90-7	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: EB-03_WQ_20210224 Lab ID: 92524326003 Collected: 02/24/21 13:30 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/L	1.0	0.65	1	04/15/21 23:39	75-00-3	H1,IK, v1	
Chloroform	ND	ug/L	5.0	1.6	1	04/15/21 23:39	67-66-3	H1	
Chloromethane	ND	ug/L	1.0	0.54	1	04/15/21 23:39	74-87-3	H1	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/15/21 23:39	95-49-8	H1	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/15/21 23:39	106-43-4	H1	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	04/15/21 23:39	96-12-8	H1	
Dibromochloromethane	ND	ug/L	1.0	0.36	1	04/15/21 23:39	124-48-1	H1	
Dibromomethane	ND	ug/L	1.0	0.39	1	04/15/21 23:39	74-95-3	H1	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/15/21 23:39	95-50-1	H1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/15/21 23:39	541-73-1	H1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	04/15/21 23:39	106-46-7	H1	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	04/15/21 23:39	75-71-8	H1	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	04/15/21 23:39	75-34-3	H1	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	04/15/21 23:39	107-06-2	H1	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	04/15/21 23:39	75-35-4	H1	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	04/15/21 23:39	156-59-2	H1	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	04/15/21 23:39	156-60-5	H1	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	04/15/21 23:39	78-87-5	H1	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	04/15/21 23:39	142-28-9	H1	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	04/15/21 23:39	594-20-7	H1	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	04/15/21 23:39	563-58-6	H1	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/15/21 23:39	10061-01-5	H1	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/15/21 23:39	10061-02-6	H1	
Diisopropyl ether	ND	ug/L	1.0	0.31	1	04/15/21 23:39	108-20-3	H1	
Ethylbenzene	ND	ug/L	1.0	0.30	1	04/15/21 23:39	100-41-4	H1	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	04/15/21 23:39	87-68-3	H1	
2-Hexanone	ND	ug/L	5.0	0.48	1	04/15/21 23:39	591-78-6	H1	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	04/15/21 23:39	99-87-6	H1	
Methylene Chloride	2.6J	ug/L	5.0	2.0	1	04/15/21 23:39	75-09-2	H1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	04/15/21 23:39	108-10-1	H1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	04/15/21 23:39	1634-04-4	H1	
Naphthalene	1.1	ug/L	1.0	0.64	1	04/15/21 23:39	91-20-3	H1	
Styrene	ND	ug/L	1.0	0.29	1	04/15/21 23:39	100-42-5	H1	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	04/15/21 23:39	630-20-6	H1	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	04/15/21 23:39	79-34-5	H1	
Tetrachloroethene	ND	ug/L	1.0	0.29	1	04/15/21 23:39	127-18-4	H1	
Toluene	ND	ug/L	1.0	0.48	1	04/15/21 23:39	108-88-3	H1	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	04/15/21 23:39	87-61-6	H1	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	04/15/21 23:39	120-82-1	H1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	04/15/21 23:39	71-55-6	H1	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	04/15/21 23:39	79-00-5	H1	
Trichloroethene	ND	ug/L	1.0	0.38	1	04/15/21 23:39	79-01-6	H1	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	04/15/21 23:39	75-69-4	H1	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	04/15/21 23:39	96-18-4	H1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Sample: EB-03_WQ_20210224 Lab ID: 92524326003 Collected: 02/24/21 13:30 Received: 02/25/21 14:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/15/21 23:39	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/15/21 23:39	75-01-4	H1
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/15/21 23:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/15/21 23:39	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/15/21 23:39	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/15/21 23:39	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		04/15/21 23:39	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		04/15/21 23:39	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 17:45		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	4.5	4.5	1		04/13/21 19:20		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 09:57		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:35		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	0.69J	mg/L	1.0	0.50	1		04/15/21 04:38	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: FB-02_WQ_20210224 **Lab ID: 92524326004** Collected: 02/24/21 14:45 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:16	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:16	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:16	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:16	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:16		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/18/21 11:43	04/20/21 14:27	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/18/21 11:43	04/20/21 14:27	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/18/21 11:43	04/20/21 14:27	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/18/21 11:43	04/20/21 14:27	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/18/21 11:43	04/20/21 14:27	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/18/21 11:43	04/20/21 14:27	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/18/21 11:43	04/20/21 14:27	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/18/21 11:43	04/20/21 14:27	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/18/21 11:43	04/20/21 14:27	101-55-3	H2,v1
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/18/21 11:43	04/20/21 14:27	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/18/21 11:43	04/20/21 14:27	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/18/21 11:43	04/20/21 14:27	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/18/21 11:43	04/20/21 14:27	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/18/21 11:43	04/20/21 14:27	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/18/21 11:43	04/20/21 14:27	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/18/21 11:43	04/20/21 14:27	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/18/21 11:43	04/20/21 14:27	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/18/21 11:43	04/20/21 14:27	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/18/21 11:43	04/20/21 14:27	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/18/21 11:43	04/20/21 14:27	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 11:43	04/20/21 14:27	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/18/21 11:43	04/20/21 14:27	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/18/21 11:43	04/20/21 14:27	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/18/21 11:43	04/20/21 14:27	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/18/21 11:43	04/20/21 14:27	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/18/21 11:43	04/20/21 14:27	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/18/21 11:43	04/20/21 14:27	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/18/21 11:43	04/20/21 14:27	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/18/21 11:43	04/20/21 14:27	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/18/21 11:43	04/20/21 14:27	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/18/21 11:43	04/20/21 14:27	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/18/21 11:43	04/20/21 14:27	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/18/21 11:43	04/20/21 14:27	118-74-1	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: FB-02_WQ_20210224 **Lab ID: 92524326004** Collected: 02/24/21 14:45 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/18/21 11:43	04/20/21 14:27	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/18/21 11:43	04/20/21 14:27	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/18/21 11:43	04/20/21 14:27	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/18/21 11:43	04/20/21 14:27	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/18/21 11:43	04/20/21 14:27	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/18/21 11:43	04/20/21 14:27	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/18/21 11:43	04/20/21 14:27	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/18/21 11:43	04/20/21 14:27	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/18/21 11:43	04/20/21 14:27	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/18/21 11:43	04/20/21 14:27	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/18/21 11:43	04/20/21 14:27	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/18/21 11:43	04/20/21 14:27	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/18/21 11:43	04/20/21 14:27	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/18/21 11:43	04/20/21 14:27	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/18/21 11:43	04/20/21 14:27	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/18/21 11:43	04/20/21 14:27	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/18/21 11:43	04/20/21 14:27	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/18/21 11:43	04/20/21 14:27	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/18/21 11:43	04/20/21 14:27	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/18/21 11:43	04/20/21 14:27	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/18/21 11:43	04/20/21 14:27	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 11:43	04/20/21 14:27	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/18/21 11:43	04/20/21 14:27	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-144		1	04/18/21 11:43	04/20/21 14:27	4165-60-0	
2-Fluorobiphenyl (S)	72	%	10-130		1	04/18/21 11:43	04/20/21 14:27	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	04/18/21 11:43	04/20/21 14:27	1718-51-0	
Phenol-d6 (S)	41	%	10-130		1	04/18/21 11:43	04/20/21 14:27	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	04/18/21 11:43	04/20/21 14:27	367-12-4	
2,4,6-Tribromophenol (S)	118	%	10-144		1	04/18/21 11:43	04/20/21 14:27	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 13:46	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 13:46	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 13:46	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 13:46	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 13:46	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 13:46	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 13:46	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 13:46	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 13:46	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 13:46	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 13:46	75-00-3	H1,IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: **FB-02_WQ_20210224** Lab ID: **92524326004** Collected: 02/24/21 14:45 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	04/14/21 13:46	67-66-3	H1	
Chloromethane	ND	ug/L	1.0	0.54	1	04/14/21 13:46	74-87-3	H1	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/14/21 13:46	95-49-8	H1	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/14/21 13:46	106-43-4	H1	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	04/14/21 13:46	96-12-8	H1	
Dibromochloromethane	ND	ug/L	1.0	0.36	1	04/14/21 13:46	124-48-1	H1	
Dibromomethane	ND	ug/L	1.0	0.39	1	04/14/21 13:46	74-95-3	H1	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/14/21 13:46	95-50-1	H1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/14/21 13:46	541-73-1	H1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	04/14/21 13:46	106-46-7	H1	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	04/14/21 13:46	75-71-8	H1	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	04/14/21 13:46	75-34-3	H1	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	04/14/21 13:46	107-06-2	H1	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	04/14/21 13:46	75-35-4	H1	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	04/14/21 13:46	156-59-2	H1	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	04/14/21 13:46	156-60-5	H1	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	04/14/21 13:46	78-87-5	H1	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	04/14/21 13:46	142-28-9	H1	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	04/14/21 13:46	594-20-7	H1	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	04/14/21 13:46	563-58-6	H1	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/14/21 13:46	10061-01-5	H1	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/14/21 13:46	10061-02-6	H1	
Diisopropyl ether	ND	ug/L	1.0	0.31	1	04/14/21 13:46	108-20-3	H1	
Ethylbenzene	ND	ug/L	1.0	0.30	1	04/14/21 13:46	100-41-4	H1	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	04/14/21 13:46	87-68-3	H1	
2-Hexanone	ND	ug/L	5.0	0.48	1	04/14/21 13:46	591-78-6	H1	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	04/14/21 13:46	99-87-6	H1	
Methylene Chloride	ND	ug/L	5.0	2.0	1	04/14/21 13:46	75-09-2	H1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	04/14/21 13:46	108-10-1	H1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	04/14/21 13:46	1634-04-4	H1	
Naphthalene	ND	ug/L	1.0	0.64	1	04/14/21 13:46	91-20-3	H1	
Styrene	ND	ug/L	1.0	0.29	1	04/14/21 13:46	100-42-5	H1	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	04/14/21 13:46	630-20-6	H1	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	04/14/21 13:46	79-34-5	H1	
Tetrachloroethene	ND	ug/L	1.0	0.29	1	04/14/21 13:46	127-18-4	H1	
Toluene	ND	ug/L	1.0	0.48	1	04/14/21 13:46	108-88-3	H1	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	04/14/21 13:46	87-61-6	H1	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	04/14/21 13:46	120-82-1	H1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	04/14/21 13:46	71-55-6	H1	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	04/14/21 13:46	79-00-5	H1	
Trichloroethene	ND	ug/L	1.0	0.38	1	04/14/21 13:46	79-01-6	H1	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	04/14/21 13:46	75-69-4	H1	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	04/14/21 13:46	96-18-4	H1	
Vinyl acetate	ND	ug/L	2.0	1.3	1	04/14/21 13:46	108-05-4	H1	
Vinyl chloride	ND	ug/L	1.0	0.39	1	04/14/21 13:46	75-01-4	H1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

Sample: FB-02_WQ_20210224 Lab ID: 92524326004 Collected: 02/24/21 14:45 Received: 02/25/21 14:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 13:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 13:46	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 13:46	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	110	%	70-130		1		04/14/21 13:46	460-00-4	1g
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		04/14/21 13:46	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		04/14/21 13:46	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 17:47		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	4.4	4.4	1		04/13/21 19:20		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 09:59		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:36		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	0.67J	mg/L	1.0	0.50	1		04/15/21 04:54	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: TB-02_WQ **Lab ID:** 92524326005 **Collected:** 02/25/21 00:00 **Received:** 02/25/21 14:10 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 14:23	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 14:23	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 14:23	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 14:23	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 14:23	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 14:23	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 14:23	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 14:23	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 14:23	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 14:23	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 14:23	75-00-3	H1,IK
Chloroform	ND	ug/L	5.0	1.6	1		04/14/21 14:23	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/14/21 14:23	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:23	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:23	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/14/21 14:23	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/14/21 14:23	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/14/21 14:23	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:23	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:23	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/14/21 14:23	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/14/21 14:23	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/14/21 14:23	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:23	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/14/21 14:23	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:23	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/14/21 14:23	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/14/21 14:23	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/14/21 14:23	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/14/21 14:23	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/14/21 14:23	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:23	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:23	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/14/21 14:23	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/14/21 14:23	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/14/21 14:23	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/14/21 14:23	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/14/21 14:23	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/14/21 14:23	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/14/21 14:23	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/14/21 14:23	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/14/21 14:23	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/14/21 14:23	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/14/21 14:23	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/14/21 14:23	79-34-5	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Sample: TB-02_WQ **Lab ID: 92524326005** Collected: 02/25/21 00:00 Received: 02/25/21 14:10 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/14/21 14:23	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/14/21 14:23	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/14/21 14:23	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/14/21 14:23	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/14/21 14:23	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:23	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:23	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/14/21 14:23	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/14/21 14:23	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/14/21 14:23	108-05-4	H1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/14/21 14:23	75-01-4	H1
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 14:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 14:23	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 14:23	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		04/14/21 14:23	460-00-4	pH
1,2-Dichloroethane-d4 (S)	118	%	70-130		1		04/14/21 14:23	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		04/14/21 14:23	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

QC Batch: 613328 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3228027 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	ug/L	ND	100	94.2	04/14/21 13:35	
Hardness, Total(SM 2340B)	ug/L	178J	662	131	04/14/21 13:35	
Iron	ug/L	ND	50.0	41.5	04/14/21 13:35	
Magnesium	ug/L	ND	100	67.8	04/14/21 13:35	
Manganese	ug/L	ND	5.0	3.4	04/14/21 13:35	

LABORATORY CONTROL SAMPLE: 3228028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	5000	4610	92	80-120	
Hardness, Total(SM 2340B)	ug/L	33100	30800	93	80-120	
Iron	ug/L	5000	4850	97	80-120	
Magnesium	ug/L	5000	4690	94	80-120	
Manganese	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228029 3228030

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92524321001 Result	Spike Conc.	Spike Conc.	Result							Result
Calcium	ug/L	ND	5000	5000	2370	4700	46	93	75-125	66	20	M1,R1
Hardness, Total(SM 2340B)	ug/L	252J	33100	33100	15900	31600	47	95	75-125	66		
Iron	ug/L	49.4J	5000	5000	2090	4970	41	98	75-125	82	20	M1,R1
Magnesium	ug/L	ND	5000	5000	2420	4830	48	96	75-125	67	20	M1,R1
Manganese	ug/L	ND	500	500	167	473	33	94	75-125	96	20	M1,R1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
 Pace Project No.: 92524326

QC Batch: 613412 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92524326004, 92524326005

METHOD BLANK: 3228523 Matrix: Water

Associated Lab Samples: 92524326004, 92524326005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/14/21 12:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/14/21 12:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/14/21 12:34	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/14/21 12:34	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/14/21 12:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/14/21 12:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/14/21 12:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/14/21 12:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/14/21 12:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/14/21 12:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/14/21 12:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/14/21 12:34	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/14/21 12:34	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/14/21 12:34	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
2-Hexanone	ug/L	ND	5.0	0.48	04/14/21 12:34	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/14/21 12:34	
Acetone	ug/L	ND	25.0	5.1	04/14/21 12:34	
Benzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromobenzene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Bromochloromethane	ug/L	ND	1.0	0.47	04/14/21 12:34	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
Bromoform	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromomethane	ug/L	ND	2.0	1.7	04/14/21 12:34	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/14/21 12:34	v1
Chlorobenzene	ug/L	ND	1.0	0.28	04/14/21 12:34	
Chloroethane	ug/L	ND	1.0	0.65	04/14/21 12:34	IK
Chloroform	ug/L	ND	5.0	1.6	04/14/21 12:34	
Chloromethane	ug/L	ND	1.0	0.54	04/14/21 12:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromomethane	ug/L	ND	1.0	0.39	04/14/21 12:34	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/14/21 12:34	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

METHOD BLANK: 3228523

Matrix: Water

Associated Lab Samples: 92524326004, 92524326005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/14/21 12:34	
Ethylbenzene	ug/L	ND	1.0	0.30	04/14/21 12:34	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/14/21 12:34	
m&p-Xylene	ug/L	ND	2.0	0.71	04/14/21 12:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/14/21 12:34	
Methylene Chloride	ug/L	ND	5.0	2.0	04/14/21 12:34	
Naphthalene	ug/L	ND	1.0	0.64	04/14/21 12:34	
o-Xylene	ug/L	ND	1.0	0.34	04/14/21 12:34	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/14/21 12:34	
Styrene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Toluene	ug/L	ND	1.0	0.48	04/14/21 12:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/14/21 12:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Trichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/14/21 12:34	
Vinyl acetate	ug/L	ND	2.0	1.3	04/14/21 12:34	
Vinyl chloride	ug/L	ND	1.0	0.39	04/14/21 12:34	
Xylene (Total)	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane-d4 (S)	%	117	70-130		04/14/21 12:34	
4-Bromofluorobenzene (S)	%	107	70-130		04/14/21 12:34	
Toluene-d8 (S)	%	98	70-130		04/14/21 12:34	

LABORATORY CONTROL SAMPLE & LCSD: 3228524

3230895

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.1	58.5	110	117	70-130	6	30	
1,1,1-Trichloroethane	ug/L	50	55.1	57.3	110	115	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	52.2	101	104	70-130	3	30	
1,1,2-Trichloroethane	ug/L	50	51.6	51.8	103	104	70-130	0	30	
1,1-Dichloroethane	ug/L	50	48.0	49.7	96	99	70-130	3	30	
1,1-Dichloroethene	ug/L	50	52.8	53.9	106	108	70-130	2	30	
1,1-Dichloropropene	ug/L	50	48.7	52.6	97	105	70-130	8	30	
1,2,3-Trichlorobenzene	ug/L	50	56.6	56.8	113	114	70-130	0	30	
1,2,3-Trichloropropane	ug/L	50	52.8	54.0	106	108	70-130	2	30	
1,2,4-Trichlorobenzene	ug/L	50	56.5	58.3	113	117	70-130	3	30	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	55.0	108	110	70-130	2	30	
1,2-Dichlorobenzene	ug/L	50	53.3	55.5	107	111	70-130	4	30	
1,2-Dichloroethane	ug/L	50	54.3	55.8	109	112	70-130	3	30	
1,2-Dichloropropane	ug/L	50	46.4	46.9	93	94	70-130	1	30	
1,3-Dichlorobenzene	ug/L	50	53.0	54.1	106	108	70-130	2	30	
1,3-Dichloropropane	ug/L	50	52.1	54.4	104	109	70-130	4	30	
1,4-Dichlorobenzene	ug/L	50	52.2	53.5	104	107	70-130	2	30	
2,2-Dichloropropane	ug/L	50	55.7	59.1	111	118	70-130	6	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE & LCSD: 3228524		3230895									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
2-Butanone (MEK)	ug/L	100	103	102	103	102	70-130	1	30		
2-Chlorotoluene	ug/L	50	52.0	54.9	104	110	70-130	5	30		
2-Hexanone	ug/L	100	107	112	107	112	70-130	4	30		
4-Chlorotoluene	ug/L	50	51.4	53.2	103	106	70-130	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	109	106	109	70-130	2	30		
Acetone	ug/L	100	101	101	101	101	70-130	0	30		
Benzene	ug/L	50	46.8	48.5	94	97	70-130	3	30		
Bromobenzene	ug/L	50	52.9	53.7	106	107	70-130	1	30		
Bromochloromethane	ug/L	50	47.6	49.2	95	98	70-130	3	30		
Bromodichloromethane	ug/L	50	51.3	52.9	103	106	70-130	3	30		
Bromoform	ug/L	50	58.4	61.3	117	123	70-130	5	30		
Bromomethane	ug/L	50	46.0	48.5	92	97	70-130	5	30		
Carbon tetrachloride	ug/L	50	58.1	60.1	116	120	70-130	3	30 v1		
Chlorobenzene	ug/L	50	52.1	53.8	104	108	70-130	3	30		
Chloroethane	ug/L	50	40.3	45.6	81	91	70-130	12	30 IK		
Chloroform	ug/L	50	49.0	49.1	98	98	70-130	0	30		
Chloromethane	ug/L	50	38.8	41.3	78	83	70-130	6	30		
cis-1,2-Dichloroethene	ug/L	50	48.4	48.5	97	97	70-130	0	30		
cis-1,3-Dichloropropene	ug/L	50	50.2	51.4	100	103	70-130	2	30		
Dibromochloromethane	ug/L	50	58.2	58.8	116	118	70-130	1	30		
Dibromomethane	ug/L	50	53.4	55.3	107	111	70-130	3	30		
Dichlorodifluoromethane	ug/L	50	47.6	48.9	95	98	70-130	3	30		
Diisopropyl ether	ug/L	50	45.2	46.6	90	93	70-130	3	30		
Ethylbenzene	ug/L	50	50.8	54.1	102	108	70-130	6	30		
Hexachloro-1,3-butadiene	ug/L	50	55.7	58.0	111	116	70-130	4	30		
m&p-Xylene	ug/L	100	109	112	109	112	70-130	3	30		
Methyl-tert-butyl ether	ug/L	50	50.7	52.5	101	105	70-130	3	30		
Methylene Chloride	ug/L	50	44.2	45.2	88	90	70-130	2	30		
Naphthalene	ug/L	50	53.7	55.5	107	111	70-130	3	30		
o-Xylene	ug/L	50	51.4	53.4	103	107	70-130	4	30		
p-Isopropyltoluene	ug/L	50	49.9	52.4	100	105	70-130	5	30		
Styrene	ug/L	50	53.1	55.3	106	111	70-130	4	30		
Tetrachloroethene	ug/L	50	52.5	54.7	105	109	70-130	4	30		
Toluene	ug/L	50	47.7	49.5	95	99	70-130	4	30		
trans-1,2-Dichloroethene	ug/L	50	47.1	49.2	94	98	70-130	4	30		
trans-1,3-Dichloropropene	ug/L	50	51.8	53.7	104	107	70-130	3	30		
Trichloroethene	ug/L	50	52.5	53.0	105	106	70-130	1	30		
Trichlorofluoromethane	ug/L	50	50.6	51.7	101	103	70-130	2	30		
Vinyl acetate	ug/L	100	108	112	108	112	70-130	4	30		
Vinyl chloride	ug/L	50	38.5	39.6	77	79	70-130	3	30		
Xylene (Total)	ug/L	150	160	165	107	110	70-130	3	30		
1,2-Dichloroethane-d4 (S)	%				107	113	70-130				
4-Bromofluorobenzene (S)	%				107	108	70-130				
Toluene-d8 (S)	%				96	98	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

QC Batch:	614060	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260 MSV Low Level SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92524326001, 92524326002, 92524326003

METHOD BLANK: 3231905 Matrix: Water

Associated Lab Samples: 92524326001, 92524326002, 92524326003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/15/21 15:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/15/21 15:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/15/21 15:33	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/15/21 15:33	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/15/21 15:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/15/21 15:33	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/15/21 15:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/15/21 15:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/15/21 15:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/15/21 15:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/15/21 15:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/15/21 15:33	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/15/21 15:33	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/15/21 15:33	v1
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
2-Hexanone	ug/L	ND	5.0	0.48	04/15/21 15:33	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/15/21 15:33	
Acetone	ug/L	ND	25.0	5.1	04/15/21 15:33	v1
Benzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromobenzene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Bromochloromethane	ug/L	ND	1.0	0.47	04/15/21 15:33	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
Bromoform	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromomethane	ug/L	ND	2.0	1.7	04/15/21 15:33	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/15/21 15:33	
Chlorobenzene	ug/L	ND	1.0	0.28	04/15/21 15:33	
Chloroethane	ug/L	ND	1.0	0.65	04/15/21 15:33	IK,v1
Chloroform	ug/L	ND	5.0	1.6	04/15/21 15:33	
Chloromethane	ug/L	ND	1.0	0.54	04/15/21 15:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromomethane	ug/L	ND	1.0	0.39	04/15/21 15:33	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/15/21 15:33	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

METHOD BLANK: 3231905

Matrix: Water

Associated Lab Samples: 92524326001, 92524326002, 92524326003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/15/21 15:33	
Ethylbenzene	ug/L	ND	1.0	0.30	04/15/21 15:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/15/21 15:33	
m&p-Xylene	ug/L	ND	2.0	0.71	04/15/21 15:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/15/21 15:33	
Methylene Chloride	ug/L	ND	5.0	2.0	04/15/21 15:33	
Naphthalene	ug/L	ND	1.0	0.64	04/15/21 15:33	
o-Xylene	ug/L	ND	1.0	0.34	04/15/21 15:33	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/15/21 15:33	
Styrene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Toluene	ug/L	ND	1.0	0.48	04/15/21 15:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/15/21 15:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Trichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/15/21 15:33	
Vinyl acetate	ug/L	ND	2.0	1.3	04/15/21 15:33	
Vinyl chloride	ug/L	ND	1.0	0.39	04/15/21 15:33	
Xylene (Total)	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane-d4 (S)	%	99	70-130		04/15/21 15:33	
4-Bromofluorobenzene (S)	%	104	70-130		04/15/21 15:33	
Toluene-d8 (S)	%	109	70-130		04/15/21 15:33	

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.0	110	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-130	
1,1-Dichloropropene	ug/L	50	54.8	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.4	103	70-130	
1,2,3-Trichloropropane	ug/L	50	53.1	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	52.2	104	70-130	
1,2-Dichloropropane	ug/L	50	54.1	108	70-130	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,3-Dichloropropane	ug/L	50	56.8	114	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	55.4	111	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	129	129	70-130	v1
2-Chlorotoluene	ug/L	50	52.5	105	70-130	
2-Hexanone	ug/L	100	112	112	70-130	
4-Chlorotoluene	ug/L	50	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	128	128	70-130	v1
Benzene	ug/L	50	51.3	103	70-130	
Bromobenzene	ug/L	50	54.3	109	70-130	
Bromochloromethane	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	58.2	116	70-130	
Bromomethane	ug/L	50	51.5	103	70-130	
Carbon tetrachloride	ug/L	50	49.5	99	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	53.9	108	70-130	IK,v1
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	49.9	100	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.2	114	70-130	
Dibromochloromethane	ug/L	50	60.2	120	70-130	
Dibromomethane	ug/L	50	53.3	107	70-130	
Dichlorodifluoromethane	ug/L	50	49.4	99	70-130	
Diisopropyl ether	ug/L	50	56.5	113	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	57.8	116	70-130	
Methylene Chloride	ug/L	50	51.8	104	70-130	
Naphthalene	ug/L	50	54.0	108	70-130	
o-Xylene	ug/L	50	51.1	102	70-130	
p-Isopropyltoluene	ug/L	50	49.4	99	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.6	115	70-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	136	136	70-130	L1
Vinyl chloride	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

		3231907			3231908							
Parameter	Units	MS		MSD		MS	MSD	MS	MSD	% Rec	Max	
		92524326002	Spike	Spike	MS	MSD	% Rec	% Rec	Limits	RPD	RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec				
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	212	216	106	108	73-134	2	30	H1
1,1,1-Trichloroethane	ug/L	ND	200	200	203	206	101	103	82-143	2	30	H1
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	195	100	97	70-136	3	30	H1
1,1,2-Trichloroethane	ug/L	ND	200	200	218	209	109	105	70-135	4	30	H1
1,1-Dichloroethane	ug/L	ND	200	200	192	177	96	88	70-139	8	30	H1
1,1-Dichloroethene	ug/L	ND	200	200	219	225	109	112	70-154	3	30	H1
1,1-Dichloropropene	ug/L	ND	200	200	206	228	103	114	70-149	10	30	H1
1,2,3-Trichlorobenzene	ug/L	ND	200	200	232	224	116	112	70-135	3	30	H1
1,2,3-Trichloropropane	ug/L	ND	200	200	204	202	102	101	71-137	1	30	H1
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	225	110	113	73-140	2	30	H1
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	220	212	110	106	65-134	4	30	H1
1,2-Dichlorobenzene	ug/L	ND	200	200	211	212	105	106	70-133	0	30	H1
1,2-Dichloroethane	ug/L	ND	200	200	186	185	93	92	70-137	0	30	H1
1,2-Dichloropropane	ug/L	ND	200	200	205	207	102	104	70-140	1	30	H1
1,3-Dichlorobenzene	ug/L	ND	200	200	210	217	105	108	70-135	3	30	H1
1,3-Dichloropropane	ug/L	ND	200	200	202	205	101	102	70-143	1	30	H1
1,4-Dichlorobenzene	ug/L	ND	200	200	215	213	107	106	70-133	1	30	H1
2,2-Dichloropropane	ug/L	ND	200	200	210	216	105	108	61-148	3	30	H1
2-Butanone (MEK)	ug/L	ND	400	400	411	443	103	111	60-139	8	30	H1
2-Chlorotoluene	ug/L	ND	200	200	219	219	110	110	70-144	0	30	H1
2-Hexanone	ug/L	ND	400	400	422	408	106	102	65-138	3	30	H1
4-Chlorotoluene	ug/L	ND	200	200	209	212	104	106	70-137	2	30	H1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	421	413	105	103	65-135	2	30	H1
Acetone	ug/L	ND	400	400	406	335	102	84	60-148	19	30	H1
Benzene	ug/L	49.4	200	200	263	268	107	109	70-151	2	30	H1
Bromobenzene	ug/L	ND	200	200	221	218	111	109	70-136	2	30	H1
Bromochloromethane	ug/L	ND	200	200	197	211	99	106	70-141	7	30	H1
Bromodichloromethane	ug/L	ND	200	200	215	212	108	106	70-138	1	30	H1
Bromoform	ug/L	ND	200	200	195	200	98	100	63-130	2	30	H1
Bromomethane	ug/L	ND	200	200	228	235	114	118	15-152	3	30	H1
Carbon tetrachloride	ug/L	ND	200	200	241	243	120	122	70-143	1	30	H1
Chlorobenzene	ug/L	ND	200	200	175	176	88	88	70-138	0	30	H1
Chloroethane	ug/L	ND	200	200	226	224	113	112	52-163	1	30	H1
Chloroform	ug/L	ND	200	200	206	213	103	106	70-139	3	30	H1
Chloromethane	ug/L	ND	200	200	192	196	96	98	41-139	2	30	H1
cis-1,2-Dichloroethene	ug/L	ND	200	200	197	212	98	106	70-141	7	30	H1
cis-1,3-Dichloropropene	ug/L	ND	200	200	214	212	107	106	70-137	1	30	H1
Dibromochloromethane	ug/L	ND	200	200	210	210	105	105	70-134	0	30	H1
Dibromomethane	ug/L	ND	200	200	214	216	107	108	70-138	1	30	H1
Dichlorodifluoromethane	ug/L	ND	200	200	209	202	104	101	47-155	4	30	H1
Diisopropyl ether	ug/L	ND	200	200	176	164	88	82	63-144	7	30	H1
Ethylbenzene	ug/L	46.6	200	200	256	260	105	107	66-153	2	30	H1
Hexachloro-1,3-butadiene	ug/L	ND	200	200	225	229	113	114	65-149	1	30	H1
m&p-Xylene	ug/L	22.0	400	400	453	455	108	108	69-152	0	30	H1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Parameter	Units	92524326002		3231907		3231908		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec								
Methyl-tert-butyl ether	ug/L	ND	200	200	166	163	83	81	54-156	2	30	H1			
Methylene Chloride	ug/L	ND	200	200	214	175	100	81	42-159	20	30	H1			
Naphthalene	ug/L	1600	200	200	1970	1980	187	193	61-148	1	30	H1, M1			
o-Xylene	ug/L	15.4	200	200	229	226	107	105	70-148	1	30	H1			
p-Isopropyltoluene	ug/L	ND	200	200	220	219	110	110	70-146	0	30	H1			
Styrene	ug/L	6.1J	200	200	218	217	106	105	70-135	1	30	H1			
Tetrachloroethene	ug/L	ND	200	200	209	214	105	107	59-143	2	30	H1			
Toluene	ug/L	23.6	200	200	236	231	106	103	59-148	2	30	H1			
trans-1,2-Dichloroethene	ug/L	ND	200	200	207	176	103	88	70-146	16	30	H1			
trans-1,3-Dichloropropene	ug/L	ND	200	200	215	212	108	106	70-135	1	30	H1			
Trichloroethene	ug/L	ND	200	200	215	214	108	107	70-147	0	30	H1			
Trichlorofluoromethane	ug/L	ND	200	200	211	210	105	105	70-148	0	30	H1			
Vinyl acetate	ug/L	ND	400	400	413	392	103	98	49-151	5	30	H1			
Vinyl chloride	ug/L	ND	200	200	194	193	97	97	70-156	1	30	H1			
Xylene (Total)	ug/L	37.4	600	600	681	681	107	107	63-158	0	30				
1,2-Dichloroethane-d4 (S)	%						92	93	70-130						
4-Bromofluorobenzene (S)	%						97	98	70-130						
Toluene-d8 (S)	%						98	98	70-130						

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

QC Batch: 614182

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92524326001, 92524326002, 92524326003

METHOD BLANK: 3232412

Matrix: Water

Associated Lab Samples: 92524326001, 92524326002, 92524326003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/17/21 09:20	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/17/21 09:20	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/17/21 09:20	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/17/21 09:20	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/17/21 09:20	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/17/21 09:20	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/17/21 09:20	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/17/21 09:20	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/17/21 09:20	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/17/21 09:20	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/17/21 09:20	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/17/21 09:20	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/17/21 09:20	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/17/21 09:20	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/17/21 09:20	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/17/21 09:20	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/17/21 09:20	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/17/21 09:20	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/17/21 09:20	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/17/21 09:20	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/17/21 09:20	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/17/21 09:20	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/17/21 09:20	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/17/21 09:20	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/17/21 09:20	
Acenaphthene	ug/L	ND	10.0	2.0	04/17/21 09:20	
Acenaphthylene	ug/L	ND	10.0	2.0	04/17/21 09:20	
Aniline	ug/L	ND	10.0	1.6	04/17/21 09:20	
Anthracene	ug/L	ND	10.0	2.3	04/17/21 09:20	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/17/21 09:20	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/17/21 09:20	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/17/21 09:20	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/17/21 09:20	
Benzoic Acid	ug/L	ND	50.0	3.4	04/17/21 09:20	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/17/21 09:20	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/17/21 09:20	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/17/21 09:20	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/17/21 09:20	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/17/21 09:20	v1
Chrysene	ug/L	ND	10.0	2.8	04/17/21 09:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

METHOD BLANK: 3232412 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/17/21 09:20	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/17/21 09:20	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/17/21 09:20	
Dibenzofuran	ug/L	ND	10.0	2.1	04/17/21 09:20	
Diethylphthalate	ug/L	ND	10.0	2.0	04/17/21 09:20	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/17/21 09:20	
Fluoranthene	ug/L	ND	10.0	2.2	04/17/21 09:20	
Fluorene	ug/L	ND	10.0	2.1	04/17/21 09:20	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/17/21 09:20	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/17/21 09:20	
Hexachloroethane	ug/L	ND	10.0	1.4	04/17/21 09:20	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/17/21 09:20	
Isophorone	ug/L	ND	10.0	1.7	04/17/21 09:20	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/17/21 09:20	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/17/21 09:20	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/17/21 09:20	
Nitrobenzene	ug/L	ND	10.0	1.9	04/17/21 09:20	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/17/21 09:20	
Phenanthrene	ug/L	ND	10.0	2.0	04/17/21 09:20	
Phenol	ug/L	ND	10.0	1.4	04/17/21 09:20	
Pyrene	ug/L	ND	10.0	2.2	04/17/21 09:20	
2,4,6-Tribromophenol (S)	%	101	10-144		04/17/21 09:20	
2-Fluorobiphenyl (S)	%	83	10-130		04/17/21 09:20	
2-Fluorophenol (S)	%	63	10-130		04/17/21 09:20	
Nitrobenzene-d5 (S)	%	94	10-144		04/17/21 09:20	
Phenol-d6 (S)	%	47	10-130		04/17/21 09:20	
Terphenyl-d14 (S)	%	94	34-163		04/17/21 09:20	

LABORATORY CONTROL SAMPLE: 3232413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	100	59.4	59	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	100	64.2	64	28-130	
2,4,5-Trichlorophenol	ug/L	100	70.7	71	35-130	
2,4,6-Trichlorophenol	ug/L	100	67.4	67	31-130	
2,4-Dichlorophenol	ug/L	100	67.2	67	35-130	
2,4-Dimethylphenol	ug/L	100	69.4	69	34-130	
2,4-Dinitrophenol	ug/L	500	338	68	10-153	
2,4-Dinitrotoluene	ug/L	100	72.3	72	37-136	
2,6-Dinitrotoluene	ug/L	100	73.0	73	33-136	
2-Chloronaphthalene	ug/L	100	57.3	57	26-130	
2-Chlorophenol	ug/L	100	63.4	63	37-130	
2-Methylnaphthalene	ug/L	100	59.3	59	29-130	
2-Methylphenol(o-Cresol)	ug/L	100	60.8	61	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE: 3232413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	200	136	68	37-130	
2-Nitrophenol	ug/L	100	70.0	70	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	100	55.8	56	34-130	
3,3'-Dichlorobenzidine	ug/L	200	151	76	34-136	
3-Nitroaniline	ug/L	200	140	70	37-138	
4,6-Dinitro-2-methylphenol	ug/L	200	158	79	21-157	
4-Bromophenylphenyl ether	ug/L	100	83.1	83	38-130	
4-Chloro-3-methylphenol	ug/L	200	131	66	37-130	
4-Chloroaniline	ug/L	200	132	66	38-130	
4-Chlorophenylphenyl ether	ug/L	100	66.7	67	33-130	
4-Nitroaniline	ug/L	200	137	68	42-137	
4-Nitrophenol	ug/L	500	185	37	10-130	
Acenaphthene	ug/L	100	63.5	63	33-130	
Acenaphthylene	ug/L	100	67.3	67	35-130	
Aniline	ug/L	100	58.7	59	22-130	
Anthracene	ug/L	100	74.4	74	48-130	
Benzo(a)anthracene	ug/L	100	76.1	76	48-137	
Benzo(b)fluoranthene	ug/L	100	76.1	76	52-138	
Benzo(g,h,i)perylene	ug/L	100	72.1	72	48-140	
Benzo(k)fluoranthene	ug/L	100	79.9	80	48-139	
Benzoic Acid	ug/L	500	117	23	10-130	
Benzyl alcohol	ug/L	200	127	63	35-130	
bis(2-Chloroethoxy)methane	ug/L	100	71.4	71	34-130	
bis(2-Chloroethyl) ether	ug/L	100	74.8	75	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	100	85.3	85	32-165	
Butylbenzylphthalate	ug/L	100	86.7	87	34-161 v1	
Chrysene	ug/L	100	74.2	74	47-131	
Di-n-butylphthalate	ug/L	100	80.5	81	39-144	
Di-n-octylphthalate	ug/L	100	78.2	78	30-170	
Dibenz(a,h)anthracene	ug/L	100	71.1	71	49-138	
Dibenzofuran	ug/L	100	64.0	64	33-130	
Diethylphthalate	ug/L	100	73.5	74	38-131	
Dimethylphthalate	ug/L	100	70.2	70	37-130	
Fluoranthene	ug/L	100	73.8	74	46-137	
Fluorene	ug/L	100	69.1	69	37-130	
Hexachlorobenzene	ug/L	100	72.0	72	38-130	
Hexachlorocyclopentadiene	ug/L	100	52.5	53	10-130	
Hexachloroethane	ug/L	100	53.5	53	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	100	71.9	72	41-130	
Isophorone	ug/L	100	70.6	71	33-130	
N-Nitroso-di-n-propylamine	ug/L	100	70.4	70	36-130	
N-Nitrosodimethylamine	ug/L	100	56.7	57	34-130	
N-Nitrosodiphenylamine	ug/L	100	74.1	74	37-130	
Nitrobenzene	ug/L	100	65.7	66	36-130	
Pentachlorophenol	ug/L	200	148	74	23-149	
Phenanthrene	ug/L	100	73.4	73	44-130	
Phenol	ug/L	100	41.6	42	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE: 3232413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	100	81.7	82	47-134	
2,4,6-Tribromophenol (S)	%			92	10-144	
2-Fluorobiphenyl (S)	%			69	10-130	
2-Fluorophenol (S)	%			52	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			39	10-130	
Terphenyl-d14 (S)	%			73	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3232414 3232415

Parameter	Units	MS 92532666002		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	ND	100	100	85.0	80.4	85	80	10-130	6	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	86.4	77.2	86	77	12-142	11	30		
2,4,5-Trichlorophenol	ug/L	ND	100	100	35.0	57.3	35	57	10-143	48	30	R1	
2,4,6-Trichlorophenol	ug/L	ND	100	100	11.9	33.6	12	34	10-147	96	30	R1	
2,4-Dichlorophenol	ug/L	ND	100	100	78.3	79.9	78	80	10-138	2	30		
2,4-Dimethylphenol	ug/L	ND	100	100	97.3	88.4	97	88	25-130	10	30		
2,4-Dinitrophenol	ug/L	ND	500	500	ND	ND	0	0	10-165		30	M1	
2,4-Dinitrotoluene	ug/L	ND	100	100	101	85.4	101	85	29-148	16	30		
2,6-Dinitrotoluene	ug/L	ND	100	100	105	91.4	105	91	26-146	14	30		
2-Chloronaphthalene	ug/L	ND	100	100	82.8	76.6	83	77	11-130	8	30		
2-Chlorophenol	ug/L	ND	100	100	79.9	78.0	80	78	10-133	2	30		
2-Methylnaphthalene	ug/L	ND	100	100	84.6	79.7	85	80	13-130	6	30		
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	91.0	85.7	91	86	20-130	6	30		
2-Nitroaniline	ug/L	ND	200	200	199	169	99	84	24-136	16	30		
2-Nitrophenol	ug/L	ND	100	100	95.8	98.1	96	98	10-153	2	30	v1	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	87.1	80.7	87	81	16-130	8	30		
3,3'-Dichlorobenzidine	ug/L	ND	200	200	222	197	111	98	10-153	12	30		
3-Nitroaniline	ug/L	ND	200	200	195	165	98	82	22-151	17	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	12.8J	50.1	6	25	10-180		30	M1	
4-Bromophenylphenyl ether	ug/L	ND	100	100	111	93.9	111	94	25-130	16	30		
4-Chloro-3-methylphenol	ug/L	ND	200	200	200	177	100	88	25-133	12	30		
4-Chloroaniline	ug/L	ND	200	200	174	154	87	77	14-132	12	30		
4-Chlorophenylphenyl ether	ug/L	ND	100	100	96.1	82.5	96	83	19-130	15	30		
4-Nitroaniline	ug/L	ND	200	200	206	181	103	90	29-150	13	30		
4-Nitrophenol	ug/L	ND	500	500	ND	58.3	1	12	10-130		30	M1	
Acenaphthene	ug/L	ND	100	100	94.1	83.8	94	84	16-130	12	30		
Acenaphthylene	ug/L	ND	100	100	96.9	86.8	97	87	15-137	11	30		
Aniline	ug/L	ND	100	100	70.7	64.2	71	64	10-130	10	30	v3	
Anthracene	ug/L	ND	100	100	111	94.9	111	95	37-136	16	30		
Benzo(a)anthracene	ug/L	ND	100	100	115	98.3	115	98	40-145	15	30		
Benzo(b)fluoranthene	ug/L	ND	100	100	113	100	113	100	39-151	12	30		
Benzo(g,h,i)perylene	ug/L	ND	100	100	110	99.5	110	99	40-147	10	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Parameter	Units	3232414		3232415		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92532666002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	100	100	110	101	110	101	40-146	8	30		
Benzoic Acid	ug/L	ND	500	500	ND	ND	0	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	200	200	182	155	91	78	25-130	16	30		
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	95.0	83.0	95	83	23-130	13	30		
bis(2-Chloroethyl) ether	ug/L	ND	100	100	108	95.1	108	95	25-130	12	30	v1	
bis(2-Ethylhexyl)phthalate	ug/L	12.6	100	100	121	106	109	93	28-166	13	30		
Butylbenzylphthalate	ug/L	ND	100	100	103	89.9	103	90	33-165	14	30		
Chrysene	ug/L	ND	100	100	105	93.0	105	93	38-141	12	30		
Di-n-butylphthalate	ug/L	ND	100	100	119	104	119	104	32-153	14	30		
Di-n-octylphthalate	ug/L	ND	100	100	107	93.3	107	93	30-175	14	30		
Dibenz(a,h)anthracene	ug/L	ND	100	100	114	104	114	104	39-148	10	30		
Dibenzofuran	ug/L	ND	100	100	93.4	81.4	93	81	20-130	14	30		
Diethylphthalate	ug/L	ND	100	100	101	85.7	101	86	28-142	16	30		
Dimethylphthalate	ug/L	ND	100	100	96.7	82.7	97	83	26-136	16	30		
Fluoranthene	ug/L	ND	100	100	112	97.2	112	97	39-143	15	30		
Fluorene	ug/L	ND	100	100	101	86.3	101	86	24-132	16	30		
Hexachlorobenzene	ug/L	ND	100	100	103	87.3	103	87	29-130	17	30		
Hexachlorocyclopentadiene	ug/L	ND	100	100	72.5	66.5	72	67	10-130	9	30		
Hexachloroethane	ug/L	ND	100	100	75.3	67.2	75	67	10-130	11	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	115	104	115	104	39-148	10	30		
Isophorone	ug/L	ND	100	100	100	88.0	100	88	23-130	13	30		
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	96.7	83.5	97	83	25-130	15	30		
N-Nitrosodimethylamine	ug/L	ND	100	100	85.7	75.2	86	75	22-130	13	30		
N-Nitrosodiphenylamine	ug/L	ND	100	100	109	91.7	109	92	26-134	17	30		
Nitrobenzene	ug/L	ND	100	100	98.3	87.9	98	88	25-130	11	30		
Pentachlorophenol	ug/L	ND	200	200	ND	9.0J	0	5	10-175		30	M1	
Phenanthrene	ug/L	ND	100	100	106	90.5	106	90	36-133	16	30		
Phenol	ug/L	ND	100	100	57.2	58.4	57	58	10-130	2	30		
Pyrene	ug/L	ND	100	100	105	89.4	105	89	40-143	16	30		
2,4,6-Tribromophenol (S)	%						20	46	10-144				
2-Fluorobiphenyl (S)	%						88	75	10-130				
2-Fluorophenol (S)	%						45	54	10-130				
Nitrobenzene-d5 (S)	%						107	90	10-144				
Phenol-d6 (S)	%						60	58	10-130				
Terphenyl-d14 (S)	%						91	76	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

QC Batch: 614509 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92524326004

METHOD BLANK: 3234087 Matrix: Water

Associated Lab Samples: 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/19/21 16:40	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/19/21 16:40	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/19/21 16:40	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/19/21 16:40	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/19/21 16:40	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/19/21 16:40	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/19/21 16:40	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/19/21 16:40	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/19/21 16:40	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/19/21 16:40	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/19/21 16:40	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/19/21 16:40	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/19/21 16:40	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/19/21 16:40	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/19/21 16:40	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/19/21 16:40	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/19/21 16:40	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/19/21 16:40	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/19/21 16:40	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/19/21 16:40	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/19/21 16:40	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/19/21 16:40	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/19/21 16:40	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/19/21 16:40	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/19/21 16:40	
Acenaphthene	ug/L	ND	10.0	2.0	04/19/21 16:40	
Acenaphthylene	ug/L	ND	10.0	2.0	04/19/21 16:40	
Aniline	ug/L	ND	10.0	1.6	04/19/21 16:40	
Anthracene	ug/L	ND	10.0	2.3	04/19/21 16:40	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/19/21 16:40	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/19/21 16:40	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/19/21 16:40	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/19/21 16:40	
Benzoic Acid	ug/L	ND	50.0	3.4	04/19/21 16:40	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/19/21 16:40	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/19/21 16:40	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/19/21 16:40	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/19/21 16:40	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/19/21 16:40	
Chrysene	ug/L	ND	10.0	2.8	04/19/21 16:40	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

METHOD BLANK: 3234087

Matrix: Water

Associated Lab Samples: 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/19/21 16:40	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/19/21 16:40	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/19/21 16:40	
Dibenzofuran	ug/L	ND	10.0	2.1	04/19/21 16:40	
Diethylphthalate	ug/L	ND	10.0	2.0	04/19/21 16:40	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/19/21 16:40	
Fluoranthene	ug/L	ND	10.0	2.2	04/19/21 16:40	
Fluorene	ug/L	ND	10.0	2.1	04/19/21 16:40	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/19/21 16:40	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/19/21 16:40	
Hexachloroethane	ug/L	ND	10.0	1.4	04/19/21 16:40	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/19/21 16:40	
Isophorone	ug/L	ND	10.0	1.7	04/19/21 16:40	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/19/21 16:40	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/19/21 16:40	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/19/21 16:40	
Nitrobenzene	ug/L	ND	10.0	1.9	04/19/21 16:40	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/19/21 16:40	
Phenanthrene	ug/L	ND	10.0	2.0	04/19/21 16:40	
Phenol	ug/L	ND	10.0	1.4	04/19/21 16:40	
Pyrene	ug/L	ND	10.0	2.2	04/19/21 16:40	
2,4,6-Tribromophenol (S)	%	23	10-144		04/19/21 16:40	
2-Fluorobiphenyl (S)	%	95	10-130		04/19/21 16:40	
2-Fluorophenol (S)	%	9	10-130		04/19/21 16:40	S0
Nitrobenzene-d5 (S)	%	100	10-144		04/19/21 16:40	
Phenol-d6 (S)	%	33	10-130		04/19/21 16:40	
Terphenyl-d14 (S)	%	93	34-163		04/19/21 16:40	

LABORATORY CONTROL SAMPLE: 3234088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	39.6	79	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.5	75	28-130	
2,4,5-Trichlorophenol	ug/L	50	52.0	104	35-130	
2,4,6-Trichlorophenol	ug/L	50	49.3	99	31-130	
2,4-Dichlorophenol	ug/L	50	47.3	95	35-130	
2,4-Dimethylphenol	ug/L	50	45.2	90	34-130	
2,4-Dinitrophenol	ug/L	250	256	102	10-153	
2,4-Dinitrotoluene	ug/L	50	48.3	97	37-136	
2,6-Dinitrotoluene	ug/L	50	47.3	95	33-136	
2-Chloronaphthalene	ug/L	50	41.2	82	26-130	
2-Chlorophenol	ug/L	50	42.9	86	37-130	
2-Methylnaphthalene	ug/L	50	38.8	78	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	42.3	85	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE: 3234088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	89.1	89	37-130	
2-Nitrophenol	ug/L	50	46.7	93	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.3	79	34-130	
3,3'-Dichlorobenzidine	ug/L	100	113	113	34-136	
3-Nitroaniline	ug/L	100	97.8	98	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	111	111	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.5	113	38-130	
4-Chloro-3-methylphenol	ug/L	100	91.8	92	37-130	
4-Chloroaniline	ug/L	100	87.5	88	38-130	
4-Chlorophenylphenyl ether	ug/L	50	47.9	96	33-130	
4-Nitroaniline	ug/L	100	100	100	42-137	
4-Nitrophenol	ug/L	250	160	64	10-130	
Acenaphthene	ug/L	50	45.4	91	33-130	
Acenaphthylene	ug/L	50	46.5	93	35-130	
Aniline	ug/L	50	37.7	75	22-130	
Anthracene	ug/L	50	53.2	106	48-130	
Benzo(a)anthracene	ug/L	50	56.6	113	48-137	
Benzo(b)fluoranthene	ug/L	50	58.8	118	52-138	
Benzo(g,h,i)perylene	ug/L	50	58.3	117	48-140	
Benzo(k)fluoranthene	ug/L	50	59.9	120	48-139	
Benzoic Acid	ug/L	250	133	53	10-130	
Benzyl alcohol	ug/L	100	85.4	85	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	44.9	90	34-130	
bis(2-Chloroethyl) ether	ug/L	50	46.1	92	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.4	127	32-165	
Butylbenzylphthalate	ug/L	50	57.7	115	34-161	
Chrysene	ug/L	50	56.7	113	47-131	
Di-n-butylphthalate	ug/L	50	59.7	119	39-144	
Di-n-octylphthalate	ug/L	50	59.7	119	30-170	
Dibenz(a,h)anthracene	ug/L	50	59.0	118	49-138	
Dibenzofuran	ug/L	50	45.7	91	33-130	
Diethylphthalate	ug/L	50	49.7	99	38-131	
Dimethylphthalate	ug/L	50	48.3	97	37-130	
Fluoranthene	ug/L	50	56.1	112	46-137	
Fluorene	ug/L	50	48.3	97	37-130	
Hexachlorobenzene	ug/L	50	52.3	105	38-130	
Hexachlorocyclopentadiene	ug/L	50	32.4	65	10-130	
Hexachloroethane	ug/L	50	27.7	55	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	59.5	119	41-130	
Isophorone	ug/L	50	43.7	87	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.8	86	36-130	
N-Nitrosodimethylamine	ug/L	50	39.7	79	34-130	
N-Nitrosodiphenylamine	ug/L	50	52.1	104	37-130	
Nitrobenzene	ug/L	50	43.0	86	36-130	
Pentachlorophenol	ug/L	100	113	113	23-149	
Phenanthrene	ug/L	50	52.8	106	44-130	
Phenol	ug/L	50	30.4	61	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

LABORATORY CONTROL SAMPLE: 3234088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	55.7	111	47-134	
2,4,6-Tribromophenol (S)	%			132	10-144	
2-Fluorobiphenyl (S)	%			88	10-130	
2-Fluorophenol (S)	%			69	10-130	
Nitrobenzene-d5 (S)	%			93	10-144	
Phenol-d6 (S)	%			54	10-130	
Terphenyl-d14 (S)	%			97	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3234089 3234090

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92532676002 Result	Spike Conc.	Spike Conc.	Result							Result
1-Methylnaphthalene	ug/L	ND	50	50	23.7	19.0	47	38	10-130	22	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	24.9	19.3	50	39	12-142	25	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	37.3	38.0	75	76	10-143	2	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	31.9	29.5	64	59	10-147	8	30	
2,4-Dichlorophenol	ug/L	ND	50	50	27.8	22.7	56	45	10-138	20	30	
2,4-Dimethylphenol	ug/L	ND	50	50	29.4	23.0	59	46	25-130	24	30	
2,4-Dinitrophenol	ug/L	ND	250	250	146	180	58	72	10-165	21	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	46.3	50.2	93	100	29-148	8	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	41.1	42.0	82	84	26-146	2	30	
2-Chloronaphthalene	ug/L	ND	50	50	23.8	20.4	48	41	11-130	16	30	
2-Chlorophenol	ug/L	ND	50	50	25.6	20.8	51	42	10-133	21	30	
2-Methylnaphthalene	ug/L	ND	50	50	22.9	18.0	46	36	13-130	24	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	25.0	19.7	50	39	20-130	24	30	
2-Nitroaniline	ug/L	ND	100	100	80.6	79.6	81	80	24-136	1	30	
2-Nitrophenol	ug/L	ND	50	50	28.7	22.0	57	44	10-153	26	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	24.4	19.9	49	40	16-130	20	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	101	111	101	111	10-153	10	30	
3-Nitroaniline	ug/L	ND	100	100	91.1	97.1	91	97	22-151	6	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	93.2	108	93	108	10-180	15	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	48.0	48.1	96	96	25-130	0	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	70.1	66.9	70	67	25-133	5	30	
4-Chloroaniline	ug/L	ND	100	100	57.0	45.5	57	45	14-132	22	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	35.5	34.7	71	69	19-130	2	30	
4-Nitroaniline	ug/L	ND	100	100	93.8	105	94	105	29-150	11	30	
4-Nitrophenol	ug/L	ND	250	250	129	152	52	61	10-130	17	30	
Acenaphthene	ug/L	ND	50	50	29.9	27.1	60	54	16-130	10	30	
Acenaphthylene	ug/L	ND	50	50	31.1	27.4	62	55	15-137	13	30	
Aniline	ug/L	ND	50	50	24.8	20.2	50	40	10-130	21	30	
Anthracene	ug/L	ND	50	50	46.5	49.0	93	98	37-136	5	30	
Benzo(a)anthracene	ug/L	ND	50	50	51.6	56.3	103	113	40-145	9	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	49.6	57.4	99	115	39-151	14	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	49.4	58.5	99	117	40-147	17	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Parameter	Units	3234089		3234090		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92532676002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	53.1	56.9	106	114	40-146	7	30		
Benzoic Acid	ug/L	ND	250	250	20.9J	32.6J	8	13	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	54.2	43.9	54	44	25-130	21	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	28.4	21.8	57	44	23-130	26	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	29.4	23.3	59	47	25-130	23	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	55.5	59.7	109	117	28-166	7	30		
Butylbenzylphthalate	ug/L	ND	50	50	57.1	61.0	114	122	33-165	7	30		
Chrysene	ug/L	ND	50	50	49.8	54.5	100	109	38-141	9	30		
Di-n-butylphthalate	ug/L	ND	50	50	51.3	55.9	103	112	32-153	9	30		
Di-n-octylphthalate	ug/L	ND	50	50	51.8	55.6	104	111	30-175	7	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	48.6	56.0	97	112	39-148	14	30		
Dibenzofuran	ug/L	ND	50	50	32.3	30.7	65	61	20-130	5	30		
Diethylphthalate	ug/L	ND	50	50	45.4	49.2	91	98	28-142	8	30		
Dimethylphthalate	ug/L	ND	50	50	42.0	42.0	84	84	26-136	0	30		
Fluoranthene	ug/L	ND	50	50	48.9	54.1	98	108	39-143	10	30		
Fluorene	ug/L	ND	50	50	37.5	36.9	75	74	24-132	2	30		
Hexachlorobenzene	ug/L	ND	50	50	41.8	46.4	84	93	29-130	10	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	15.7	12.4	31	25	10-130	23	30		
Hexachloroethane	ug/L	ND	50	50	15.0	12.3	30	25	10-130	20	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	49.3	57.4	99	115	39-148	15	30		
Isophorone	ug/L	ND	50	50	29.8	23.1	60	46	23-130	25	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	29.2	23.1	58	46	25-130	23	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	24.8	20.2	50	40	22-130	20	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	44.8	46.9	90	94	26-134	4	30		
Nitrobenzene	ug/L	ND	50	50	27.2	21.1	54	42	25-130	25	30		
Pentachlorophenol	ug/L	ND	100	100	90.9	103	91	103	10-175	13	30		
Phenanthrene	ug/L	ND	50	50	45.8	49.5	92	99	36-133	8	30		
Phenol	ug/L	ND	50	50	18.8	15.2	38	30	10-130	21	30		
Pyrene	ug/L	ND	50	50	53.9	58.9	108	118	40-143	9	30		
2,4,6-Tribromophenol (S)	%						107	116	10-144				
2-Fluorobiphenyl (S)	%						52	43	10-130				
2-Fluorophenol (S)	%						41	33	10-130				
Nitrobenzene-d5 (S)	%						57	45	10-144				
Phenol-d6 (S)	%						32	26	10-130				
Terphenyl-d14 (S)	%						91	98	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

QC Batch: 613325 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3227999 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	04/13/21 16:42	

LABORATORY CONTROL SAMPLE: 3228000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228001 3228002

Parameter	Units	3228001		3228002		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Alkalinity, Total as CaCO3	mg/L	54.8	50	50	105	108	100	107	80-120	3	25

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228003 3228004

Parameter	Units	3228003		3228004		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Alkalinity, Total as CaCO3	mg/L	78.0	50	50	128	128	99	101	80-120	1	25

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

QC Batch: 613480 Analysis Method: SM 2540C-2011
QC Batch Method: SM 2540C-2011 Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3228968 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	04/14/21 01:15	

LABORATORY CONTROL SAMPLE: 3228969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	251	248	99	90-110	

SAMPLE DUPLICATE: 3229197

Parameter	Units	92532235002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	61.0	66.0	8	25	

SAMPLE DUPLICATE: 3229198

Parameter	Units	92532235003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	84.0	85.0	1	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

QC Batch: 613489 Analysis Method: SM 2540D-2011
QC Batch Method: SM 2540D-2011 Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3229020 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	2.5	04/13/21 19:18	

LABORATORY CONTROL SAMPLE: 3229021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	251	242	97	90-110	

SAMPLE DUPLICATE: 3229022

Parameter	Units	92532542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	117	116	1	25	

SAMPLE DUPLICATE: 3229070

Parameter	Units	92532414002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	111	114	3	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

QC Batch:	613532	Analysis Method:	SM 5210B-2011
QC Batch Method:	SM 5210B-2011	Analysis Description:	5210B BOD, 5 day
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3229193 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	2.0	04/19/21 09:39	

LABORATORY CONTROL SAMPLE: 3229195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	212	107	84.6-115	

SAMPLE DUPLICATE: 3229196

Parameter	Units	92532830001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	241	233	4	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

QC Batch: 614779 Analysis Method: SM 5220D-2011
 QC Batch Method: SM 5220D-2011 Analysis Description: 5220D COD
 Laboratory: Pace Analytical Services - Asheville
 Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3235367 Matrix: Water
 Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	25.0	12.5	04/20/21 05:35	

LABORATORY CONTROL SAMPLE: 3235368

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	750	750	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235369 3235370

Parameter	Units	92531712001		3235370		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chemical Oxygen Demand	mg/L	47.0	100	100	145	150	98	103	90-110	3	3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235371 3235372

Parameter	Units	92531820001		3235372		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Chemical Oxygen Demand	mg/L	640	100	100	729	719	89	80	90-110	1	3 M1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

QC Batch:	613721	Analysis Method:	SM 5310B-2011
QC Batch Method:	SM 5310B-2011	Analysis Description:	5310B TOC
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

METHOD BLANK: 3230045 Matrix: Water
Associated Lab Samples: 92524326001, 92524326002, 92524326003, 92524326004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	04/15/21 02:35	

LABORATORY CONTROL SAMPLE: 3230046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.5	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230047 3230048

Parameter	Units	92524321001		3230047		3230048		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.	MS Result	MS Spike Conc.					
Total Organic Carbon	mg/L	80.3	25	25	94.7	94.2	58	56	90-110	0	10	H1,M6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230049 3230050

Parameter	Units	92525782002		3230049		3230050		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.	MS Result	MS Spike Conc.					
Total Organic Carbon	mg/L	ND	25	25	25.1	25.3	98	99	90-110	1	10	H1

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QUALIFIERS

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1g	Sample was moved to an uncontrolled temperature environment 21 days after collection.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
H1	Analysis conducted outside the EPA method holding time.
H2	Extraction or preparation conducted outside EPA method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE J21020660
Pace Project No.: 92524326

ANALYTE QUALIFIERS

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE J21020660

Pace Project No.: 92524326

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92524326001	MW-49BR_WG_70_20210224	EPA 3010A	613328	EPA 6010D	613505
92524326002	MW-49BR_WG_55_20210224	EPA 3010A	613328	EPA 6010D	613505
92524326003	EB-03_WQ_20210224	EPA 3010A	613328	EPA 6010D	613505
92524326004	FB-02_WQ_20210224	EPA 3010A	613328	EPA 6010D	613505
92524326001	MW-49BR_WG_70_20210224	EPA 3510C	614182	EPA 8270E	614457
92524326002	MW-49BR_WG_55_20210224	EPA 3510C	614182	EPA 8270E	614457
92524326003	EB-03_WQ_20210224	EPA 3510C	614182	EPA 8270E	614457
92524326004	FB-02_WQ_20210224	EPA 3510C	614509	EPA 8270E	614674
92524326001	MW-49BR_WG_70_20210224	EPA 8260D	614060		
92524326002	MW-49BR_WG_55_20210224	EPA 8260D	614060		
92524326003	EB-03_WQ_20210224	EPA 8260D	614060		
92524326004	FB-02_WQ_20210224	EPA 8260D	613412		
92524326005	TB-02_WQ	EPA 8260D	613412		
92524326001	MW-49BR_WG_70_20210224	SM 2320B-2011	613325		
92524326002	MW-49BR_WG_55_20210224	SM 2320B-2011	613325		
92524326003	EB-03_WQ_20210224	SM 2320B-2011	613325		
92524326004	FB-02_WQ_20210224	SM 2320B-2011	613325		
92524326001	MW-49BR_WG_70_20210224	SM 2540C-2011	613480		
92524326002	MW-49BR_WG_55_20210224	SM 2540C-2011	613480		
92524326003	EB-03_WQ_20210224	SM 2540C-2011	613480		
92524326004	FB-02_WQ_20210224	SM 2540C-2011	613480		
92524326001	MW-49BR_WG_70_20210224	SM 2540D-2011	613489		
92524326002	MW-49BR_WG_55_20210224	SM 2540D-2011	613489		
92524326003	EB-03_WQ_20210224	SM 2540D-2011	613489		
92524326004	FB-02_WQ_20210224	SM 2540D-2011	613489		
92524326001	MW-49BR_WG_70_20210224	SM 5210B-2011	613532	SM 5210B-2011	613565
92524326002	MW-49BR_WG_55_20210224	SM 5210B-2011	613532	SM 5210B-2011	613565
92524326003	EB-03_WQ_20210224	SM 5210B-2011	613532	SM 5210B-2011	613565
92524326004	FB-02_WQ_20210224	SM 5210B-2011	613532	SM 5210B-2011	613565
92524326001	MW-49BR_WG_70_20210224	SM 5220D-2011	614779	SM 5220D-2011	614806
92524326002	MW-49BR_WG_55_20210224	SM 5220D-2011	614779	SM 5220D-2011	614806
92524326003	EB-03_WQ_20210224	SM 5220D-2011	614779	SM 5220D-2011	614806
92524326004	FB-02_WQ_20210224	SM 5220D-2011	614779	SM 5220D-2011	614806
92524326001	MW-49BR_WG_70_20210224	SM 5310B-2011	613721		
92524326002	MW-49BR_WG_55_20210224	SM 5310B-2011	613721		
92524326003	EB-03_WQ_20210224	SM 5310B-2011	613721		
92524326004	FB-02_WQ_20210224	SM 5310B-2011	613721		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 1 of 2
Issuing Authority:
Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:
Synterra

Project #

WO#: 92524326

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



92524326

Custody Seal Present? Yes No Seals Intact? Yes No

Date/initials Person Examining Contents: *UT 10/25/21*

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: *93T021* Type of Ice: Wet Blue None

Cooler Temp: *4.3* Correction Factor: Add/Subtract (°C) *0*

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *4.3*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		2.
Short Hold Time Analysis (<72 hr.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		9.
-Includes Date/Time/ID/Analysis Matrix: <i>UT</i>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		10.
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

2 trip blanks instead of 3

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project: **W0# : 92524326**

PM: KLH1 Due Date: 03/04/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG9U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)			
1		1	1	2	1	1										3			3										2	
2		1	1	2	1	1										3			3										2	
3																														
4																														
5																														
6		1	1	2	1	1										3			3										2	
7		1	1	2	1	1										3			3										2	
8																		2												
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: **Synterra**
 Address: **148 River Street
 Suite 220, Greenville, SC 29601**
 Email To: **tking@synterra.com**
 Phone: _____
 Requested Due Date: _____

Section B
Required Project Information:

Report To: **Tom King**
 Copy To: _____
 Project Name: **Former Bramlette MGP Aquifer**
 Project Number: _____

Section C
Invoice Information:

Attention: _____
 Address: _____
 POC Name: _____
 POC Project Manager: **Kevin Herring**
 POC Profile #: **7754**

Page : 1 Of 1

ITEM #
SAMPLE ID
 One Character per box
 (A-Z, 0-9, -,)
 Sample ids must be unique

MATRIX	CODE
Dining Water	DW
Waste Water	WW
Product	PM
Seawater	SW
Wet	W
Air	AR
Other	OT
Tissue	TS

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other H3PO4	Analyses Test	Y/N	Requested/Analytical Parameters Entered (Y/N)	State / Location	
	MW-45BR WG 70		WTG	G	2/21/21	1335	2/21/21	1340	14	6	1	1	3						X	X	X	X	SC
	MW-45BR WG 55		WTG	G	2/21/21	1120	2/21/21	1125	14	6	1	1	3						X	X	X	X	SC
	FB-03-WQ		WT	G	2/21/21	1320	2/21/21	1330	14	6	1	1	3						X	X	X	X	SC
	FB-02-WQ		WT	G	2/21/21	1435	2/21/21	1435	14	6	1	1	3						X	X	X	X	SC
	TB-02-WQ		WT	G															X	X	X	X	SC

REGIONS/ISSUES/CONTAMINATION	DATE	TIME	ACCEPTED/REJECT	DATE	TIME	SAMPLE CONDITIONS
Johnathan Ebenhack/Synterra	2/25/21	1602		2/25/21	1021	Y
Wesley Risher/Synterra	2/25/21	1415		2/25/21	1410	N

Ca, Mg, Fe, Mn + Hardness

Requester Name and Signature: **Johnathan Ebenhack**

Signature of Sampler: **Johnathan Ebenhack**

DATE Signed: **1535 2/24/21**

TEMP in C: **9.3**

Received on Ice (Y/N): **Y**

Cooler Sealed (Y/N): **N**

Samples Intact (Y/N): **Y**

March 26, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92527960001	MW-1_WG_20210315	Water	03/15/21 15:20	03/16/21 11:45
92527960002	MW-5_WG_20210315	Water	03/15/21 10:29	03/16/21 11:45
92527960003	MW-22_WG_20210315	Water	03/15/21 09:37	03/16/21 11:45
92527960004	MW-40BR_WG_20210315	Water	03/15/21 09:59	03/16/21 11:45
92527960005	MW-25R_WG_20210315	Water	03/15/21 13:11	03/16/21 11:45
92527960006	MW-41S_WG_20210315	Water	03/15/21 10:36	03/16/21 11:45
92527960007	MW-41TZ_WG_20210315	Water	03/15/21 09:39	03/16/21 11:45
92527960008	MW-41BR_WG_20210315	Water	03/15/21 09:59	03/16/21 11:45
92527960009	MW-34S_WG_20210315	Water	03/15/21 12:21	03/16/21 11:45
92527960010	MW-34TZ_WG_20210315	Water	03/15/21 13:15	03/16/21 11:45
92527960011	MW-34BR_WG_20210315	Water	03/15/21 14:18	03/16/21 11:45
92527960012	FD-02_WG_20210315	Water	03/15/21 00:00	03/16/21 11:45
92527960013	FB-04_20210316	Water	03/16/21 09:10	03/16/21 11:45
92527960014	MW-29S_WG_20210315	Water	03/15/21 15:31	03/16/21 11:45
92527960015	MW-29TZ_WG_20210315	Water	03/15/21 14:42	03/16/21 11:45
92527960016	MW-29BR_WG_20210315	Water	03/15/21 13:56	03/16/21 11:45
92527960017	TB-06_WG_20210315	Water	03/15/21 00:00	03/16/21 11:45
92527960018	TB-07_WG_20210315	Water	03/15/21 00:00	03/16/21 11:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527960001	MW-1_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960002	MW-5_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960003	MW-22_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960004	MW-40BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527960005	MW-25R_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960006	MW-41S_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960007	MW-41TZ_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960008	MW-41BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960009	MW-34S_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960010	MW-34TZ_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960011	MW-34BR_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960012	FD-02_WG_20210315	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527960013	FB-04_20210316	EPA 8270E	PKS	67	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527960014	MW-29S_WG_20210315	EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
92527960015	MW-29TZ_WG_20210315	EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
		EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
92527960016	MW-29BR_WG_20210315	EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
		EPA 6010D	DS, RDT	2	PASI-A
		EPA 6010D	DS	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
92527960017	TB-06_WG_20210315	EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527960018	TB-07_WG_20210315	EPA 8260D	CL	62	PASI-C
		EPA 8260D	CL	62	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92527960001	MW-1_WG_20210315					
EPA 8270E	Acenaphthene	139	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Anthracene	5.8J	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Dibenzofuran	15.1	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Fluorene	40.5	ug/L	10.0	03/18/21 18:13	
EPA 8270E	1-Methylnaphthalene	357	ug/L	40.0	03/19/21 10:13	
EPA 8270E	2-Methylnaphthalene	350	ug/L	40.0	03/19/21 10:13	
EPA 8270E	Phenanthrene	38.2	ug/L	10.0	03/18/21 18:13	
EPA 8270E	Pyrene	2.7J	ug/L	10.0	03/18/21 18:13	
EPA 8260D	Benzene	11.1	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Ethylbenzene	23.5	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Naphthalene	938	ug/L	10.0	03/19/21 22:38	M1
EPA 8260D	Toluene	6.4J	ug/L	10.0	03/19/21 22:38	
EPA 8260D	Vinyl acetate	117	ug/L	20.0	03/19/21 22:38	IK
EPA 8260D	Xylene (Total)	26.1	ug/L	10.0	03/19/21 22:38	
EPA 8260D	m&p-Xylene	14.2J	ug/L	20.0	03/19/21 22:38	
EPA 8260D	o-Xylene	11.9	ug/L	10.0	03/19/21 22:38	
92527960008	MW-41BR_WG_20210315					
EPA 8260D	Toluene	0.95J	ug/L	1.0	03/19/21 07:46	
92527960010	MW-34TZ_WG_20210315					
EPA 8260D	cis-1,2-Dichloroethene	3.1	ug/L	1.0	03/19/21 08:22	
92527960011	MW-34BR_WG_20210315					
EPA 8270E	3&4-Methylphenol(m&p Cresol)	5.7J	ug/L	10.0	03/19/21 00:37	
EPA 8260D	Benzene	2.2	ug/L	1.0	03/19/21 08:40	
EPA 8260D	Naphthalene	1.2	ug/L	1.0	03/19/21 08:40	
EPA 8260D	Toluene	0.99J	ug/L	1.0	03/19/21 08:40	
92527960014	MW-29S_WG_20210315					
EPA 6010D	Iron	705	ug/L	50.0	03/22/21 18:00	
EPA 6010D	Manganese	165	ug/L	5.0	03/22/21 06:47	
EPA 6010D	Iron, Dissolved	528	ug/L	50.0	03/22/21 17:27	
EPA 6010D	Manganese, Dissolved	154	ug/L	5.0	03/22/21 17:27	
EPA 300.0 Rev 2.1 1993	Sulfate	18.3	mg/L	1.0	03/18/21 13:00	
SM 5310B-2011	Total Organic Carbon	3.7	mg/L	1.0	03/25/21 21:33	
92527960015	MW-29TZ_WG_20210315					
EPA 6010D	Iron	10400	ug/L	50.0	03/22/21 18:13	
EPA 6010D	Manganese	121	ug/L	5.0	03/22/21 07:00	
EPA 6010D	Iron, Dissolved	8420	ug/L	50.0	03/22/21 17:47	
EPA 6010D	Manganese, Dissolved	114	ug/L	5.0	03/22/21 17:47	
EPA 8270E	Acenaphthene	80.5	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Dibenzofuran	5.3J	ug/L	10.0	03/19/21 02:19	
EPA 8270E	2,4-Dimethylphenol	202	ug/L	40.0	03/19/21 10:39	
EPA 8270E	Fluorene	15.9	ug/L	10.0	03/19/21 02:19	
EPA 8270E	1-Methylnaphthalene	167	ug/L	40.0	03/19/21 10:39	
EPA 8270E	2-Methylnaphthalene	277	ug/L	40.0	03/19/21 10:39	
EPA 8270E	2-Methylphenol(o-Cresol)	4.9J	ug/L	10.0	03/19/21 02:19	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92527960015	MW-29TZ_WG_20210315					
EPA 8270E	3&4-Methylphenol(m&p Cresol)	24.3	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Phenanthrene	11.3	ug/L	10.0	03/19/21 02:19	
EPA 8270E	Phenol	18.9	ug/L	10.0	03/19/21 02:19	
EPA 8260D	Benzene	1600	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Ethylbenzene	209	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Naphthalene	1750	ug/L	25.0	03/23/21 12:54	M1
EPA 8260D	Toluene	23.5J	ug/L	25.0	03/23/21 12:54	
EPA 8260D	Xylene (Total)	116	ug/L	25.0	03/23/21 12:54	
EPA 8260D	m&p-Xylene	62.1	ug/L	50.0	03/23/21 12:54	
EPA 8260D	o-Xylene	54.4	ug/L	25.0	03/23/21 12:54	
SM 5310B-2011	Total Organic Carbon	8.0	mg/L	1.0	03/25/21 22:27	
92527960016	MW-29BR_WG_20210315					
EPA 6010D	Iron	71.6	ug/L	50.0	03/22/21 18:23	
EPA 8270E	Acenaphthylene	13.0	ug/L	10.0	03/19/21 11:04	
EPA 8270E	2,4-Dimethylphenol	5.7J	ug/L	10.0	03/19/21 11:04	
EPA 8270E	Fluorene	2.2J	ug/L	10.0	03/19/21 11:04	
EPA 8270E	1-Methylnaphthalene	22.6	ug/L	10.0	03/19/21 11:04	
EPA 8270E	2-Methylnaphthalene	32.6	ug/L	10.0	03/19/21 11:04	
EPA 8260D	Benzene	214	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Ethylbenzene	10.7	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Naphthalene	250	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Styrene	30.1	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Toluene	135	ug/L	2.0	03/22/21 19:58	
EPA 8260D	Xylene (Total)	39.1	ug/L	2.0	03/22/21 19:58	
EPA 8260D	m&p-Xylene	25.6	ug/L	4.0	03/22/21 19:58	
EPA 8260D	o-Xylene	13.5	ug/L	2.0	03/22/21 19:58	
EPA 300.0 Rev 2.1 1993	Sulfate	0.56J	mg/L	1.0	03/18/21 13:31	
SM 5310B-2011	Total Organic Carbon	0.97J	mg/L	1.0	03/25/21 22:46	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 6010D

Description: 6010 MET ICP

Client: Duke Energy

Date: March 26, 2021

General Information:

3 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: EPA 6010D
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 26, 2021

General Information:

3 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 26, 2021

General Information:

16 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607656

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3201093)
 - Butylbenzylphthalate
- LCS (Lab ID: 3201094)
 - Butylbenzylphthalate
- MS (Lab ID: 3201095)
 - Butylbenzylphthalate
- MSD (Lab ID: 3201096)
 - Butylbenzylphthalate
- MW-29BR_WG_20210315 (Lab ID: 92527960016)
 - Butylbenzylphthalate

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 607212

S0: Surrogate recovery outside laboratory control limits.

- MSD (Lab ID: 3198854)
 - 2,4,6-Tribromophenol (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3198851)
 - Terphenyl-d14 (S)
- MW-25R_WG_20210315 (Lab ID: 92527960005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: March 26, 2021

QC Batch: 607212

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- Terphenyl-d14 (S)
- MW-40BR_WG_20210315 (Lab ID: 92527960004)
 - Terphenyl-d14 (S)
- MW-41BR_WG_20210315 (Lab ID: 92527960008)
 - Terphenyl-d14 (S)
- MW-41S_WG_20210315 (Lab ID: 92527960006)
 - Terphenyl-d14 (S)
- MW-41TZ_WG_20210315 (Lab ID: 92527960007)
 - Terphenyl-d14 (S)
- MW-5_WG_20210315 (Lab ID: 92527960002)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607212

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3198854)
 - 4-Bromophenylphenyl ether
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3198854)
 - 2,4-Dinitrophenol
 - Aniline
 - Hexachlorocyclopentadiene

QC Batch: 607656

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967008

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3201095)
 - Benzoic Acid
- MSD (Lab ID: 3201096)
 - 4-Bromophenylphenyl ether
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3201096)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 26, 2021

QC Batch: 607656

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967008

R1: RPD value was outside control limits.

- 4,6-Dinitro-2-methylphenol
- 4-Nitrophenol
- Hexachlorocyclopentadiene
- Hexachloroethane
- Pentachlorophenol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Method: EPA 8270E by SIM
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 26, 2021

General Information:

16 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 607495

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
- Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

General Information:

18 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607666

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3201158)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- LCS (Lab ID: 3201159)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MS (Lab ID: 3201160)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MSD (Lab ID: 3201161)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-29BR_WG_20210315 (Lab ID: 92527960016)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate

QC Batch: 607695

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3201479)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- LCS (Lab ID: 3201480)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MS (Lab ID: 3203681)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

QC Batch: 607695

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Diisopropyl ether
- Vinyl acetate
- MSD (Lab ID: 3203682)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-1_WG_20210315 (Lab ID: 92527960001)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3205005)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- LCS (Lab ID: 3205006)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MS (Lab ID: 3205007)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MSD (Lab ID: 3205008)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607666

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3201158)
 - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

QC Batch: 607666

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- MW-29BR_WG_20210315 (Lab ID: 92527960016)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201159)
 - Bromomethane
- MS (Lab ID: 3201160)
 - Bromomethane
- MSD (Lab ID: 3201161)
 - Bromomethane

QC Batch: 607687

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3201405)
 - Chloromethane
- FB-04_20210316 (Lab ID: 92527960013)
 - Chloromethane
- MW-22_WG_20210315 (Lab ID: 92527960003)
 - Chloromethane
- MW-29S_WG_20210315 (Lab ID: 92527960014)
 - Chloromethane
- MW-40BR_WG_20210315 (Lab ID: 92527960004)
 - Chloromethane
- MW-5_WG_20210315 (Lab ID: 92527960002)
 - Chloromethane
- TB-06_WG_20210315 (Lab ID: 92527960017)
 - Chloromethane
- TB-07_WG_20210315 (Lab ID: 92527960018)
 - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201406)
 - Chloromethane
- MS (Lab ID: 3201407)
 - Bromomethane
 - Chloromethane
- MSD (Lab ID: 3201408)
 - Bromomethane
 - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

QC Batch: 607691

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3201436)
 - Chloromethane
- FD-02_WG_20210315 (Lab ID: 92527960012)
 - Chloromethane
- MW-25R_WG_20210315 (Lab ID: 92527960005)
 - Chloromethane
- MW-34BR_WG_20210315 (Lab ID: 92527960011)
 - Chloromethane
- MW-34S_WG_20210315 (Lab ID: 92527960009)
 - Chloromethane
- MW-34TZ_WG_20210315 (Lab ID: 92527960010)
 - Chloromethane
- MW-41BR_WG_20210315 (Lab ID: 92527960008)
 - Chloromethane
- MW-41S_WG_20210315 (Lab ID: 92527960006)
 - Chloromethane
- MW-41TZ_WG_20210315 (Lab ID: 92527960007)
 - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3201437)
 - Chloromethane
- MS (Lab ID: 3202375)
 - 2-Butanone (MEK)
 - Bromomethane
 - Chloromethane
- MSD (Lab ID: 3202376)
 - 2-Butanone (MEK)
 - Bromomethane
 - Chloromethane

QC Batch: 607695

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3203681)
 - Bromomethane
- MSD (Lab ID: 3203682)
 - Bromomethane
- MW-1_WG_20210315 (Lab ID: 92527960001)
 - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

QC Batch: 608458

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3205005)
 - Bromomethane
- MW-29TZ_WG_20210315 (Lab ID: 92527960015)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3205006)
 - Bromomethane
- MS (Lab ID: 3205007)
 - Bromomethane
- MSD (Lab ID: 3205008)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607666

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527345026

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3201160)
 - 2,2-Dichloropropane
 - Trichloroethene
- MSD (Lab ID: 3201161)
 - 2,2-Dichloropropane

QC Batch: 607695

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3203681)
 - Naphthalene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 26, 2021

QC Batch: 607695

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3203682)
- Naphthalene

QC Batch: 608458

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3205008)
- Naphthalene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: SM 4500-S2D-2011

Description: 4500S2D Sulfide Water

Client: Duke Energy

Date: March 26, 2021

General Information:

3 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: EPA 300.0 Rev 2.1 1993

Description: 300.0 IC Anions 28 Days

Client: Duke Energy

Date: March 26, 2021

General Information:

3 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Method: SM 5310B-2011

Description: 5310B TOC

Client: Duke Energy

Date: March 26, 2021

General Information:

3 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-1_WG_20210315 Lab ID: 92527960001 Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Table with 10 columns: Parameters, Results, Units, Report Limit, MDL, DF, Prepared, Analyzed, CAS No., Qual. Includes a list of 50 chemical compounds with their respective analytical results and detection limits.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 18:13	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:13	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 18:13	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 18:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 18:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:13	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:13	87-86-5	
Phenanthrene	38.2	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:13	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	108-95-2	
Pyrene	2.7J	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:13	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/17/21 13:53	03/18/21 18:13	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/17/21 13:53	03/18/21 18:13	321-60-8	
Terphenyl-d14 (S)	136	%	34-163		1	03/17/21 13:53	03/18/21 18:13	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/17/21 13:53	03/18/21 18:13	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/17/21 13:53	03/18/21 18:13	367-12-4	
2,4,6-Tribromophenol (S)	107	%	10-144		1	03/17/21 13:53	03/18/21 18:13	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	86	%	67-170		1	03/18/21 10:06	03/19/21 14:26	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/18/21 10:06	03/19/21 14:26	321-60-8	
Terphenyl-d14 (S)	123	%	62-169		1	03/18/21 10:06	03/19/21 14:26	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	250	51.1	10		03/19/21 22:38	67-64-1	
Benzene	11.1	ug/L	10.0	3.4	10		03/19/21 22:38	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		03/19/21 22:38	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		03/19/21 22:38	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		03/19/21 22:38	75-25-2	IK
Bromomethane	ND	ug/L	20.0	16.6	10		03/19/21 22:38	74-83-9	v3
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		03/19/21 22:38	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		03/19/21 22:38	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		03/19/21 22:38	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		03/19/21 22:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-1_WG_20210315 Lab ID: 92527960001 Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	50.0	15.6	10		03/19/21 22:38	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		03/19/21 22:38	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/19/21 22:38	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/19/21 22:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		03/19/21 22:38	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	3.6	10		03/19/21 22:38	124-48-1	
Dibromomethane	ND	ug/L	10.0	3.9	10		03/19/21 22:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/19/21 22:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/19/21 22:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		03/19/21 22:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		03/19/21 22:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		03/19/21 22:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		03/19/21 22:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		03/19/21 22:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		03/19/21 22:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		03/19/21 22:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		03/19/21 22:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		03/19/21 22:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		03/19/21 22:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		03/19/21 22:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/19/21 22:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/19/21 22:38	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	3.1	10		03/19/21 22:38	108-20-3	IK
Ethylbenzene	23.5	ug/L	10.0	3.0	10		03/19/21 22:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		03/19/21 22:38	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.8	10		03/19/21 22:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		03/19/21 22:38	99-87-6	
Methylene Chloride	ND	ug/L	50.0	19.5	10		03/19/21 22:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		03/19/21 22:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		03/19/21 22:38	1634-04-4	
Naphthalene	938	ug/L	10.0	6.4	10		03/19/21 22:38	91-20-3	M1
Styrene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		03/19/21 22:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		03/19/21 22:38	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	2.9	10		03/19/21 22:38	127-18-4	
Toluene	6.4J	ug/L	10.0	4.8	10		03/19/21 22:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		03/19/21 22:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		03/19/21 22:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		03/19/21 22:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		03/19/21 22:38	79-00-5	
Trichloroethene	ND	ug/L	10.0	3.8	10		03/19/21 22:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		03/19/21 22:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		03/19/21 22:38	96-18-4	
Vinyl acetate	117	ug/L	20.0	13.1	10		03/19/21 22:38	108-05-4	IK
Vinyl chloride	ND	ug/L	10.0	3.9	10		03/19/21 22:38	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-1_WG_20210315 **Lab ID: 92527960001** Collected: 03/15/21 15:20 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	26.1	ug/L	10.0	3.4	10		03/19/21 22:38	1330-20-7	
m&p-Xylene	14.2J	ug/L	20.0	7.1	10		03/19/21 22:38	179601-23-1	
o-Xylene	11.9	ug/L	10.0	3.4	10		03/19/21 22:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		10		03/19/21 22:38	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	70-130		10		03/19/21 22:38	17060-07-0	
Toluene-d8 (S)	110	%	70-130		10		03/19/21 22:38	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID:** 92527960002 Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 18:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 18:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 18:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 18:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 18:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 18:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 18:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 18:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 18:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 18:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 18:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 18:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 18:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 18:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 18:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 18:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 18:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 18:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 18:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 18:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 18:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 18:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 18:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 18:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 18:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 18:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 18:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 18:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 18:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 18:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	111	%	10-144		1	03/17/21 13:53	03/18/21 18:39	4165-60-0	
2-Fluorobiphenyl (S)	108	%	10-130		1	03/17/21 13:53	03/18/21 18:39	321-60-8	
Terphenyl-d14 (S)	179	%	34-163		1	03/17/21 13:53	03/18/21 18:39	1718-51-0	S3
Phenol-d6 (S)	95	%	10-130		1	03/17/21 13:53	03/18/21 18:39	13127-88-3	
2-Fluorophenol (S)	108	%	10-130		1	03/17/21 13:53	03/18/21 18:39	367-12-4	
2,4,6-Tribromophenol (S)	132	%	10-144		1	03/17/21 13:53	03/18/21 18:39	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 12:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/18/21 10:06	03/18/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	130	%	61-163		1	03/18/21 10:06	03/18/21 12:43	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/18/21 12:43	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:01	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:01	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 17:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 17:01	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 17:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 17:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 17:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 17:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 17:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 17:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 17:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 17:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 17:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 17:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 17:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 17:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 17:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 17:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 17:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 17:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 17:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 17:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 17:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 17:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 17:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 17:01	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-5_WG_20210315 **Lab ID: 92527960002** Collected: 03/15/21 10:29 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/22/21 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/22/21 17:01	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/22/21 17:01	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-22_WG_20210315 Lab ID: 92527960003 Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:04	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/17/21 13:53	03/18/21 19:04	4165-60-0	
2-Fluorobiphenyl (S)	105	%	10-130		1	03/17/21 13:53	03/18/21 19:04	321-60-8	
Terphenyl-d14 (S)	156	%	34-163		1	03/17/21 13:53	03/18/21 19:04	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/17/21 13:53	03/18/21 19:04	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/17/21 13:53	03/18/21 19:04	367-12-4	
2,4,6-Tribromophenol (S)	118	%	10-144		1	03/17/21 13:53	03/18/21 19:04	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 16:16	4165-60-0	
2-Fluorobiphenyl (S)	133	%	61-163		1	03/18/21 10:06	03/18/21 16:16	321-60-8	
Terphenyl-d14 (S)	131	%	62-169		1	03/18/21 10:06	03/18/21 16:16	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:19	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 17:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 17:19	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 17:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 17:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 17:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 17:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 17:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 17:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 17:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 17:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 17:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 17:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 17:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 17:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 17:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 17:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 17:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 17:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 17:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 17:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 17:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 17:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 17:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 17:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 17:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 17:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 17:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 17:19	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-22_WG_20210315 **Lab ID: 92527960003** Collected: 03/15/21 09:37 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 17:19	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 17:19	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 Lab ID: 92527960004 Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:30	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:30	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:30	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:30	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	111	%	10-144		1	03/17/21 13:53	03/18/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	105	%	10-130		1	03/17/21 13:53	03/18/21 19:30	321-60-8	
Terphenyl-d14 (S)	181	%	34-163		1	03/17/21 13:53	03/18/21 19:30	1718-51-0	S3
Phenol-d6 (S)	60	%	10-130		1	03/17/21 13:53	03/18/21 19:30	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	03/17/21 13:53	03/18/21 19:30	367-12-4	
2,4,6-Tribromophenol (S)	128	%	10-144		1	03/17/21 13:53	03/18/21 19:30	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:37	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/18/21 10:06	03/18/21 16:37	4165-60-0	
2-Fluorobiphenyl (S)	136	%	61-163		1	03/18/21 10:06	03/18/21 16:37	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 16:37	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 17:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 17:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 17:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 17:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 17:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 17:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 17:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 17:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 17:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 17:37	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	03/22/21 17:37	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	03/22/21 17:37	74-87-3		v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/22/21 17:37	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/22/21 17:37	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	03/22/21 17:37	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	03/22/21 17:37	124-48-1		
Dibromomethane	ND	ug/L	1.0	0.39	1	03/22/21 17:37	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/22/21 17:37	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/22/21 17:37	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	03/22/21 17:37	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	03/22/21 17:37	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	03/22/21 17:37	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	03/22/21 17:37	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	03/22/21 17:37	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	03/22/21 17:37	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	03/22/21 17:37	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	03/22/21 17:37	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	03/22/21 17:37	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	03/22/21 17:37	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	03/22/21 17:37	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/22/21 17:37	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/22/21 17:37	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	0.31	1	03/22/21 17:37	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	03/22/21 17:37	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	03/22/21 17:37	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	03/22/21 17:37	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	03/22/21 17:37	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	03/22/21 17:37	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	03/22/21 17:37	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	03/22/21 17:37	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	03/22/21 17:37	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	03/22/21 17:37	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	03/22/21 17:37	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	03/22/21 17:37	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	03/22/21 17:37	127-18-4		
Toluene	ND	ug/L	1.0	0.48	1	03/22/21 17:37	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	03/22/21 17:37	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	03/22/21 17:37	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	03/22/21 17:37	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	03/22/21 17:37	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.38	1	03/22/21 17:37	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	03/22/21 17:37	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	03/22/21 17:37	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1.3	1	03/22/21 17:37	108-05-4		
Vinyl chloride	ND	ug/L	1.0	0.39	1	03/22/21 17:37	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-40BR_WG_20210315 **Lab ID: 92527960004** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 17:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 17:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 17:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 17:37	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/22/21 17:37	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 17:37	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 Lab ID: 92527960005 Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 19:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 19:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 19:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 19:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 19:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 19:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 19:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 19:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 19:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 19:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 19:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 19:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 19:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 19:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 19:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 19:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 19:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 19:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 19:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 19:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 19:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 19:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 19:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 19:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 19:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 19:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 19:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 19:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 19:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 19:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	117	%	10-144		1	03/17/21 13:53	03/18/21 19:55	4165-60-0	
2-Fluorobiphenyl (S)	115	%	10-130		1	03/17/21 13:53	03/18/21 19:55	321-60-8	
Terphenyl-d14 (S)	172	%	34-163		1	03/17/21 13:53	03/18/21 19:55	1718-51-0	S3
Phenol-d6 (S)	94	%	10-130		1	03/17/21 13:53	03/18/21 19:55	13127-88-3	
2-Fluorophenol (S)	107	%	10-130		1	03/17/21 13:53	03/18/21 19:55	367-12-4	
2,4,6-Tribromophenol (S)	140	%	10-144		1	03/17/21 13:53	03/18/21 19:55	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 16:59	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 16:59	4165-60-0	
2-Fluorobiphenyl (S)	128	%	61-163		1	03/18/21 10:06	03/18/21 16:59	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/18/21 16:59	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 09:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 09:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 09:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 09:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 09:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 09:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 09:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 09:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 09:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 09:16	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 Lab ID: 92527960005 Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	03/19/21 09:16	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	03/19/21 09:16	74-87-3		v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/19/21 09:16	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/19/21 09:16	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	03/19/21 09:16	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	03/19/21 09:16	124-48-1		
Dibromomethane	ND	ug/L	1.0	0.39	1	03/19/21 09:16	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/19/21 09:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/19/21 09:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	03/19/21 09:16	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	03/19/21 09:16	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	03/19/21 09:16	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	03/19/21 09:16	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	03/19/21 09:16	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	03/19/21 09:16	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	03/19/21 09:16	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	03/19/21 09:16	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	03/19/21 09:16	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	03/19/21 09:16	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	03/19/21 09:16	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/19/21 09:16	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/19/21 09:16	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	0.31	1	03/19/21 09:16	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	03/19/21 09:16	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	03/19/21 09:16	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	03/19/21 09:16	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	03/19/21 09:16	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	03/19/21 09:16	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	03/19/21 09:16	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	03/19/21 09:16	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	03/19/21 09:16	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	03/19/21 09:16	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	03/19/21 09:16	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	03/19/21 09:16	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	03/19/21 09:16	127-18-4		
Toluene	ND	ug/L	1.0	0.48	1	03/19/21 09:16	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	03/19/21 09:16	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	03/19/21 09:16	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	03/19/21 09:16	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	03/19/21 09:16	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.38	1	03/19/21 09:16	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	03/19/21 09:16	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	03/19/21 09:16	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1.3	1	03/19/21 09:16	108-05-4		
Vinyl chloride	ND	ug/L	1.0	0.39	1	03/19/21 09:16	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-25R_WG_20210315 **Lab ID: 92527960005** Collected: 03/15/21 13:11 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 09:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 09:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 09:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 09:16	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 09:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 09:16	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 20:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 20:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 20:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 20:21	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 20:21	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 20:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 20:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 20:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 20:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 20:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 20:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 20:21	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 20:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 20:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 20:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 20:21	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 20:21	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 20:21	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 20:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 20:21	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 20:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 20:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 20:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 20:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 20:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 20:21	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 20:21	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 20:21	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 20:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 20:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 20:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	119	%	10-144		1	03/17/21 13:53	03/18/21 20:21	4165-60-0	
2-Fluorobiphenyl (S)	111	%	10-130		1	03/17/21 13:53	03/18/21 20:21	321-60-8	
Terphenyl-d14 (S)	176	%	34-163		1	03/17/21 13:53	03/18/21 20:21	1718-51-0	S3
Phenol-d6 (S)	67	%	10-130		1	03/17/21 13:53	03/18/21 20:21	13127-88-3	
2-Fluorophenol (S)	85	%	10-130		1	03/17/21 13:53	03/18/21 20:21	367-12-4	
2,4,6-Tribromophenol (S)	129	%	10-144		1	03/17/21 13:53	03/18/21 20:21	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 17:21	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/18/21 10:06	03/18/21 17:21	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 17:21	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 17:21	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:10	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:10	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 Lab ID: 92527960006 Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:10	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:10	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:10	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:10	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 07:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:10	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41S_WG_20210315 **Lab ID: 92527960006** Collected: 03/15/21 10:36 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 07:10	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/19/21 07:10	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 07:10	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 21:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 21:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 21:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 21:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 21:12	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 21:12	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 21:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 21:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 21:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 21:12	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 21:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 21:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 21:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 21:12	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 21:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 21:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 21:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 21:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 21:12	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 21:12	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 21:12	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 21:12	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 21:12	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 21:12	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 21:12	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 21:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 21:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 21:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 21:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 21:12	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 21:12	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 21:12	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 21:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 21:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 21:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/18/21 21:12	4165-60-0	
2-Fluorobiphenyl (S)	98	%	10-130		1	03/17/21 13:53	03/18/21 21:12	321-60-8	
Terphenyl-d14 (S)	164	%	34-163		1	03/17/21 13:53	03/18/21 21:12	1718-51-0	S3
Phenol-d6 (S)	56	%	10-130		1	03/17/21 13:53	03/18/21 21:12	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/18/21 21:12	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/17/21 13:53	03/18/21 21:12	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 17:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/18/21 10:06	03/18/21 17:42	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 17:42	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/18/21 10:06	03/18/21 17:42	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:28	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 Lab ID: 92527960007 Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:28	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 07:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:28	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41TZ_WG_20210315 **Lab ID: 92527960007** Collected: 03/15/21 09:39 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 07:28	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 07:28	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 07:28	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 Lab ID: 92527960008 Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 22:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 22:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 22:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 22:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 22:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 22:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 22:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 22:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 22:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 22:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 22:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 22:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:03	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 22:03	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 22:03	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:03	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 22:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 22:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 22:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:03	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:03	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/18/21 22:03	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/17/21 13:53	03/18/21 22:03	321-60-8	
Terphenyl-d14 (S)	170	%	34-163		1	03/17/21 13:53	03/18/21 22:03	1718-51-0	S3
Phenol-d6 (S)	56	%	10-130		1	03/17/21 13:53	03/18/21 22:03	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/17/21 13:53	03/18/21 22:03	367-12-4	
2,4,6-Tribromophenol (S)	127	%	10-144		1	03/17/21 13:53	03/18/21 22:03	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 18:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	116	%	67-170		1	03/18/21 10:06	03/18/21 18:04	4165-60-0	
2-Fluorobiphenyl (S)	128	%	61-163		1	03/18/21 10:06	03/18/21 18:04	321-60-8	
Terphenyl-d14 (S)	128	%	62-169		1	03/18/21 10:06	03/18/21 18:04	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 07:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 07:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 07:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 07:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 07:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 07:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 07:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 07:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 07:46	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 Lab ID: 92527960008 Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 07:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 07:46	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 07:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 07:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 07:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 07:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 07:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 07:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 07:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 07:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 07:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 07:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 07:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 07:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 07:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 07:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 07:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 07:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 07:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 07:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 07:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 07:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 07:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 07:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 07:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 07:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 07:46	127-18-4	
Toluene	0.95J	ug/L	1.0	0.48	1		03/19/21 07:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 07:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 07:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 07:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 07:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 07:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 07:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 07:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 07:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 07:46	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-41BR_WG_20210315 **Lab ID: 92527960008** Collected: 03/15/21 09:59 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 07:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 07:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 07:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/19/21 07:46	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/19/21 07:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/19/21 07:46	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Sample Project No.: 92527960

Sample: MW-34S_WG_20210315 Lab ID: 92527960009 Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/18/21 22:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/18/21 22:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/18/21 22:54	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/18/21 22:54	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/18/21 22:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:54	101-55-3	M1
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/18/21 22:54	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/18/21 22:54	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/18/21 22:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/18/21 22:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/18/21 22:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:54	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/18/21 22:54	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/18/21 22:54	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/18/21 22:54	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/18/21 22:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/18/21 22:54	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/18/21 22:54	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/18/21 22:54	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/18/21 22:54	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/18/21 22:54	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:54	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/18/21 22:54	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/18/21 22:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/18/21 22:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/18/21 22:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/18/21 22:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/18/21 22:54	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/18/21 22:54	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/18/21 22:54	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/18/21 22:54	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/18/21 22:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/18/21 22:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/17/21 13:53	03/18/21 22:54	4165-60-0	
2-Fluorobiphenyl (S)	111	%	10-130		1	03/17/21 13:53	03/18/21 22:54	321-60-8	
Terphenyl-d14 (S)	144	%	34-163		1	03/17/21 13:53	03/18/21 22:54	1718-51-0	
Phenol-d6 (S)	66	%	10-130		1	03/17/21 13:53	03/18/21 22:54	13127-88-3	
2-Fluorophenol (S)	82	%	10-130		1	03/17/21 13:53	03/18/21 22:54	367-12-4	
2,4,6-Tribromophenol (S)	133	%	10-144		1	03/17/21 13:53	03/18/21 22:54	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 18:25	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/18/21 18:25	4165-60-0	
2-Fluorobiphenyl (S)	131	%	61-163		1	03/18/21 10:06	03/18/21 18:25	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/18/21 18:25	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 Lab ID: 92527960009 Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 08:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 08:04	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 08:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 08:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 08:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 08:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 08:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 08:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 08:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 08:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 08:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 08:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 08:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 08:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 08:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 08:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 08:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 08:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 08:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 08:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 08:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 08:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 08:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 08:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 08:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 08:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 08:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 08:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 08:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 08:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 08:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 08:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 08:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 08:04	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34S_WG_20210315 **Lab ID: 92527960009** Collected: 03/15/21 12:21 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 08:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/19/21 08:04	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 08:04	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 Lab ID: 92527960010 Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 00:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 00:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 00:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 00:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 00:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 00:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 00:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:11	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 00:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 00:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 00:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 00:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 00:11	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 00:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 00:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 00:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 00:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 00:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:11	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	102	%	10-144		1	03/17/21 13:53	03/19/21 00:11	4165-60-0	
2-Fluorobiphenyl (S)	94	%	10-130		1	03/17/21 13:53	03/19/21 00:11	321-60-8	
Terphenyl-d14 (S)	146	%	34-163		1	03/17/21 13:53	03/19/21 00:11	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/17/21 13:53	03/19/21 00:11	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/19/21 00:11	367-12-4	
2,4,6-Tribromophenol (S)	129	%	10-144		1	03/17/21 13:53	03/19/21 00:11	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 19:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	118	%	67-170		1	03/18/21 10:06	03/18/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/18/21 10:06	03/18/21 19:30	321-60-8	
Terphenyl-d14 (S)	123	%	62-169		1	03/18/21 10:06	03/18/21 19:30	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:22	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 Lab ID: 92527960010 Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	03/19/21 08:22	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	03/19/21 08:22	74-87-3		v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/19/21 08:22	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/19/21 08:22	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	03/19/21 08:22	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	03/19/21 08:22	124-48-1		
Dibromomethane	ND	ug/L	1.0	0.39	1	03/19/21 08:22	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/19/21 08:22	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/19/21 08:22	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	03/19/21 08:22	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	03/19/21 08:22	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	03/19/21 08:22	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	03/19/21 08:22	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	03/19/21 08:22	75-35-4		
cis-1,2-Dichloroethene	3.1	ug/L	1.0	0.38	1	03/19/21 08:22	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	03/19/21 08:22	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	03/19/21 08:22	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	03/19/21 08:22	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	03/19/21 08:22	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	03/19/21 08:22	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/19/21 08:22	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/19/21 08:22	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	0.31	1	03/19/21 08:22	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	03/19/21 08:22	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	03/19/21 08:22	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	03/19/21 08:22	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	03/19/21 08:22	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	03/19/21 08:22	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	03/19/21 08:22	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	03/19/21 08:22	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	03/19/21 08:22	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	03/19/21 08:22	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	03/19/21 08:22	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	03/19/21 08:22	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	03/19/21 08:22	127-18-4		
Toluene	ND	ug/L	1.0	0.48	1	03/19/21 08:22	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	03/19/21 08:22	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	03/19/21 08:22	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	03/19/21 08:22	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	03/19/21 08:22	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.38	1	03/19/21 08:22	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	03/19/21 08:22	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	03/19/21 08:22	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1.3	1	03/19/21 08:22	108-05-4		
Vinyl chloride	ND	ug/L	1.0	0.39	1	03/19/21 08:22	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-34TZ_WG_20210315 **Lab ID: 92527960010** Collected: 03/15/21 13:15 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/19/21 08:22	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/19/21 08:22	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/19/21 08:22	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 Lab ID: 92527960011 Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 00:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 00:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 00:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 00:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 00:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 00:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 00:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 00:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 00:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 00:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 00:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 00:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 00:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 00:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 00:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 00:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 00:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 00:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	5.7J	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 00:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 00:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 00:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 00:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 00:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 00:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 00:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 00:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 00:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 00:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 00:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 00:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	101	%	10-144		1	03/17/21 13:53	03/19/21 00:37	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/17/21 13:53	03/19/21 00:37	321-60-8	
Terphenyl-d14 (S)	143	%	34-163		1	03/17/21 13:53	03/19/21 00:37	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/17/21 13:53	03/19/21 00:37	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/17/21 13:53	03/19/21 00:37	367-12-4	
2,4,6-Tribromophenol (S)	131	%	10-144		1	03/17/21 13:53	03/19/21 00:37	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 15:32	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	03/18/21 10:06	03/19/21 15:32	4165-60-0	
2-Fluorobiphenyl (S)	142	%	61-163		1	03/18/21 10:06	03/19/21 15:32	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/18/21 10:06	03/19/21 15:32	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 08:40	67-64-1	
Benzene	2.2	ug/L	1.0	0.34	1		03/19/21 08:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 08:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 08:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 08:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 08:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 08:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 08:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 08:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 08:40	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 Lab ID: 92527960011 Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 08:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 08:40	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 08:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 08:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 08:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 08:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 08:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 08:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 08:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 08:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 08:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 08:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 08:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 08:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 08:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 08:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 08:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 08:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 08:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 08:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 08:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 08:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 08:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 08:40	1634-04-4	
Naphthalene	1.2	ug/L	1.0	0.64	1		03/19/21 08:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 08:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 08:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 08:40	127-18-4	
Toluene	0.99J	ug/L	1.0	0.48	1		03/19/21 08:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 08:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 08:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 08:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 08:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 08:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 08:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 08:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 08:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 08:40	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-34BR_WG_20210315 **Lab ID: 92527960011** Collected: 03/15/21 14:18 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 08:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 08:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 08:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 08:40	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/19/21 08:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 08:40	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID:** 92527960012 Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:02	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:02	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:02	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:02	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:02	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:02	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:02	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:02	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:02	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:02	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	03/17/21 13:53	03/19/21 01:02	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/17/21 13:53	03/19/21 01:02	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/17/21 13:53	03/19/21 01:02	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/17/21 13:53	03/19/21 01:02	13127-88-3	
2-Fluorophenol (S)	68	%	10-130		1	03/17/21 13:53	03/19/21 01:02	367-12-4	
2,4,6-Tribromophenol (S)	112	%	10-144		1	03/17/21 13:53	03/19/21 01:02	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 19:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	119	%	67-170		1	03/18/21 10:06	03/18/21 19:52	4165-60-0	
2-Fluorobiphenyl (S)	130	%	61-163		1	03/18/21 10:06	03/18/21 19:52	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/18/21 19:52	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 09:34	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 09:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 09:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 09:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 09:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 09:34	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 09:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 09:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 09:34	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: **FD-02_WG_20210315** Lab ID: **92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 09:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 09:34	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 09:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 09:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 09:34	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 09:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 09:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 09:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 09:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 09:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 09:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 09:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 09:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 09:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 09:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 09:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 09:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 09:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 09:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 09:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 09:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 09:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 09:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/19/21 09:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 09:34	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 09:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 09:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 09:34	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 09:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 09:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 09:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 09:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 09:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 09:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 09:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 09:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 09:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 09:34	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FD-02_WG_20210315 **Lab ID: 92527960012** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/19/21 09:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/19/21 09:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 09:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		03/19/21 09:34	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/19/21 09:34	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/19/21 09:34	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:28	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:28	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:28	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:28	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:28	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:28	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:28	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:28	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:28	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:28	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:28	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:28	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:28	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:28	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/17/21 13:53	03/19/21 01:28	4165-60-0	
2-Fluorobiphenyl (S)	103	%	10-130		1	03/17/21 13:53	03/19/21 01:28	321-60-8	
Terphenyl-d14 (S)	160	%	34-163		1	03/17/21 13:53	03/19/21 01:28	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/17/21 13:53	03/19/21 01:28	13127-88-3	
2-Fluorophenol (S)	74	%	10-130		1	03/17/21 13:53	03/19/21 01:28	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/17/21 13:53	03/19/21 01:28	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/18/21 20:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/18/21 10:06	03/18/21 20:13	4165-60-0	
2-Fluorobiphenyl (S)	137	%	61-163		1	03/18/21 10:06	03/18/21 20:13	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	03/18/21 10:06	03/18/21 20:13	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 13:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 13:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 13:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 13:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 13:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 13:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 13:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 13:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 13:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 13:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 13:06	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 13:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 13:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 13:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 13:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 13:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 13:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 13:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 13:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 13:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 13:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 13:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 13:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 13:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 13:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 13:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 13:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 13:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 13:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 13:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 13:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 13:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 13:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 13:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 13:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 13:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 13:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 13:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 13:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 13:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 13:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 13:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 13:06	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: FB-04_20210316 **Lab ID: 92527960013** Collected: 03/16/21 09:10 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 13:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 13:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 13:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 13:06	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 13:06	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 13:06	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	705	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:00	7439-89-6	
Manganese	165	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 06:47	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	528	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:27	7439-89-6	
Manganese, Dissolved	154	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:27	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 01:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 01:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 01:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 01:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 01:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 01:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 01:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 01:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 01:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 01:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 01:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 01:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 01:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 01:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 01:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Sample Project No.: 92527960

Sample: MW-29S_WG_20210315 Lab ID: 92527960014 Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 01:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 01:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 01:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 01:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 01:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 01:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 01:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 01:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 01:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 01:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 01:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 01:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 01:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 01:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 01:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	101	%	10-144		1	03/17/21 13:53	03/19/21 01:53	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	03/17/21 13:53	03/19/21 01:53	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	03/17/21 13:53	03/19/21 01:53	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/17/21 13:53	03/19/21 01:53	13127-88-3	
2-Fluorophenol (S)	72	%	10-130		1	03/17/21 13:53	03/19/21 01:53	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/17/21 13:53	03/19/21 01:53	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 13:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/18/21 10:06	03/19/21 13:42	4165-60-0	
2-Fluorobiphenyl (S)	132	%	61-163		1	03/18/21 10:06	03/19/21 13:42	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/18/21 10:06	03/19/21 13:42	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 15:31	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 Lab ID: 92527960014 Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 15:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 15:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 15:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 15:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 15:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 15:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 15:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 15:31	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 15:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 15:31	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 15:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 15:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 15:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 15:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 15:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 15:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 15:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 15:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 15:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 15:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 15:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 15:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 15:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 15:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 15:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 15:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 15:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 15:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 15:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 15:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 15:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 15:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 15:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 15:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 15:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 15:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 15:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 15:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 15:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 15:31	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: MW-29S_WG_20210315 **Lab ID: 92527960014** Collected: 03/15/21 15:31 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 15:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 15:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 15:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 15:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 15:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 15:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 15:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 15:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 15:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 15:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 15:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 15:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 15:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/22/21 15:31	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/22/21 15:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/22/21 15:31	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:10	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	18.3	mg/L	1.0	0.50	1		03/18/21 13:00	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	3.7	mg/L	1.0	0.50	1		03/25/21 21:33	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 Lab ID: 92527960015 Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	10400	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:13	7439-89-6	
Manganese	121	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 07:00	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	8420	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:47	7439-89-6	
Manganese, Dissolved	114	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:47	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	80.5	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 13:53	03/19/21 02:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 02:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 13:53	03/19/21 02:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 02:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 13:53	03/19/21 02:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 13:53	03/19/21 02:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 13:53	03/19/21 02:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 02:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 13:53	03/19/21 02:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 13:53	03/19/21 02:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 13:53	03/19/21 02:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 13:53	03/19/21 02:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 13:53	03/19/21 02:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 02:19	53-70-3	
Dibenzofuran	5.3J	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 13:53	03/19/21 02:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	84-66-2	
2,4-Dimethylphenol	202	ug/L	40.0	6.8	4	03/17/21 13:53	03/19/21 10:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 13:53	03/19/21 02:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 13:53	03/19/21 02:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 13:53	03/19/21 02:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 13:53	03/19/21 02:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 Lab ID: 92527960015 Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	15.9	ug/L	10.0	2.1	1	03/17/21 13:53	03/19/21 02:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 13:53	03/19/21 02:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 13:53	03/19/21 02:19	78-59-1	
1-Methylnaphthalene	167	ug/L	40.0	8.1	4	03/17/21 13:53	03/19/21 10:39	90-12-0	
2-Methylnaphthalene	277	ug/L	40.0	7.5	4	03/17/21 13:53	03/19/21 10:39	91-57-6	
2-Methylphenol(o-Cresol)	4.9J	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	24.3	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 13:53	03/19/21 02:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 02:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 13:53	03/19/21 02:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 13:53	03/19/21 02:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 13:53	03/19/21 02:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 13:53	03/19/21 02:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 13:53	03/19/21 02:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 13:53	03/19/21 02:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 13:53	03/19/21 02:19	87-86-5	
Phenanthrene	11.3	ug/L	10.0	2.0	1	03/17/21 13:53	03/19/21 02:19	85-01-8	
Phenol	18.9	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 13:53	03/19/21 02:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 13:53	03/19/21 02:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 13:53	03/19/21 02:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/17/21 13:53	03/19/21 02:19	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/17/21 13:53	03/19/21 02:19	321-60-8	
Terphenyl-d14 (S)	131	%	34-163		1	03/17/21 13:53	03/19/21 02:19	1718-51-0	
Phenol-d6 (S)	77	%	10-130		1	03/17/21 13:53	03/19/21 02:19	13127-88-3	
2-Fluorophenol (S)	88	%	10-130		1	03/17/21 13:53	03/19/21 02:19	367-12-4	
2,4,6-Tribromophenol (S)	122	%	10-144		1	03/17/21 13:53	03/19/21 02:19	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:47	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	24	%	67-170		1	03/18/21 10:06	03/19/21 14:47	4165-60-0	S5
2-Fluorobiphenyl (S)	110	%	61-163		1	03/18/21 10:06	03/19/21 14:47	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/18/21 10:06	03/19/21 14:47	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	625	128	25		03/23/21 12:54	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 Lab ID: 92527960015 Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	1600	ug/L	25.0	8.6	25	03/23/21 12:54	71-43-2		
Bromobenzene	ND	ug/L	25.0	7.2	25	03/23/21 12:54	108-86-1		
Bromochloromethane	ND	ug/L	25.0	11.7	25	03/23/21 12:54	74-97-5		
Bromodichloromethane	ND	ug/L	25.0	7.7	25	03/23/21 12:54	75-27-4		
Bromoform	ND	ug/L	25.0	8.5	25	03/23/21 12:54	75-25-2		IK
Bromomethane	ND	ug/L	50.0	41.5	25	03/23/21 12:54	74-83-9		v2
2-Butanone (MEK)	ND	ug/L	125	99.0	25	03/23/21 12:54	78-93-3		
Carbon tetrachloride	ND	ug/L	25.0	8.3	25	03/23/21 12:54	56-23-5		
Chlorobenzene	ND	ug/L	25.0	7.1	25	03/23/21 12:54	108-90-7		
Chloroethane	ND	ug/L	25.0	16.2	25	03/23/21 12:54	75-00-3		
Chloroform	ND	ug/L	125	39.0	25	03/23/21 12:54	67-66-3		
Chloromethane	ND	ug/L	25.0	13.5	25	03/23/21 12:54	74-87-3		
2-Chlorotoluene	ND	ug/L	25.0	8.0	25	03/23/21 12:54	95-49-8		
4-Chlorotoluene	ND	ug/L	25.0	8.1	25	03/23/21 12:54	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25	03/23/21 12:54	96-12-8		
Dibromochloromethane	ND	ug/L	25.0	9.0	25	03/23/21 12:54	124-48-1		
Dibromomethane	ND	ug/L	25.0	9.8	25	03/23/21 12:54	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25	03/23/21 12:54	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25	03/23/21 12:54	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25	03/23/21 12:54	106-46-7		
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25	03/23/21 12:54	75-71-8		
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25	03/23/21 12:54	75-34-3		
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25	03/23/21 12:54	107-06-2		
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25	03/23/21 12:54	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25	03/23/21 12:54	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25	03/23/21 12:54	156-60-5		
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25	03/23/21 12:54	78-87-5		
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25	03/23/21 12:54	142-28-9		
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25	03/23/21 12:54	594-20-7		
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25	03/23/21 12:54	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25	03/23/21 12:54	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25	03/23/21 12:54	10061-02-6		
Diisopropyl ether	ND	ug/L	25.0	7.7	25	03/23/21 12:54	108-20-3		IK
Ethylbenzene	209	ug/L	25.0	7.6	25	03/23/21 12:54	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25	03/23/21 12:54	87-68-3		
2-Hexanone	ND	ug/L	125	11.9	25	03/23/21 12:54	591-78-6		
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25	03/23/21 12:54	99-87-6		
Methylene Chloride	ND	ug/L	125	48.8	25	03/23/21 12:54	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25	03/23/21 12:54	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25	03/23/21 12:54	1634-04-4		
Naphthalene	1750	ug/L	25.0	16.1	25	03/23/21 12:54	91-20-3		M1
Styrene	ND	ug/L	25.0	7.3	25	03/23/21 12:54	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25	03/23/21 12:54	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25	03/23/21 12:54	79-34-5		
Tetrachloroethene	ND	ug/L	25.0	7.3	25	03/23/21 12:54	127-18-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29TZ_WG_20210315 **Lab ID: 92527960015** Collected: 03/15/21 14:42 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	23.5J	ug/L	25.0	12.1	25		03/23/21 12:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		03/23/21 12:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		03/23/21 12:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		03/23/21 12:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		03/23/21 12:54	79-00-5	
Trichloroethene	ND	ug/L	25.0	9.6	25		03/23/21 12:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		03/23/21 12:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		03/23/21 12:54	96-18-4	
Vinyl acetate	ND	ug/L	50.0	32.8	25		03/23/21 12:54	108-05-4	IK
Vinyl chloride	ND	ug/L	25.0	9.6	25		03/23/21 12:54	75-01-4	
Xylene (Total)	116	ug/L	25.0	8.4	25		03/23/21 12:54	1330-20-7	
m&p-Xylene	62.1	ug/L	50.0	17.7	25		03/23/21 12:54	179601-23-1	
o-Xylene	54.4	ug/L	25.0	8.4	25		03/23/21 12:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		25		03/23/21 12:54	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		25		03/23/21 12:54	17060-07-0	
Toluene-d8 (S)	112	%	70-130		25		03/23/21 12:54	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:10	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	ND	mg/L	1.0	0.50	1		03/18/21 13:16	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	8.0	mg/L	1.0	0.50	1		03/25/21 22:27	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Sample Project No.: 92527960

Sample: MW-29BR_WG_20210315 Lab ID: 92527960016 Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	71.6	ug/L	50.0	41.5	1	03/19/21 02:18	03/22/21 18:23	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/19/21 02:18	03/22/21 07:03	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/19/21 12:56	03/22/21 17:50	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/19/21 12:56	03/22/21 17:50	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	83-32-9	
Acenaphthylene	13.0	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/18/21 14:54	03/19/21 11:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/18/21 14:54	03/19/21 11:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/18/21 14:54	03/19/21 11:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/18/21 14:54	03/19/21 11:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/18/21 14:54	03/19/21 11:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/18/21 14:54	03/19/21 11:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/18/21 14:54	03/19/21 11:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/18/21 14:54	03/19/21 11:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/18/21 14:54	03/19/21 11:04	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/18/21 14:54	03/19/21 11:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/18/21 14:54	03/19/21 11:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/18/21 14:54	03/19/21 11:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/18/21 14:54	03/19/21 11:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/18/21 14:54	03/19/21 11:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/18/21 14:54	03/19/21 11:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	84-66-2	
2,4-Dimethylphenol	5.7J	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/18/21 14:54	03/19/21 11:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/18/21 14:54	03/19/21 11:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/18/21 14:54	03/19/21 11:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/18/21 14:54	03/19/21 11:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	2.2J	ug/L	10.0	2.1	1	03/18/21 14:54	03/19/21 11:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/18/21 14:54	03/19/21 11:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/18/21 14:54	03/19/21 11:04	78-59-1	
1-Methylnaphthalene	22.6	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	90-12-0	
2-Methylnaphthalene	32.6	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/18/21 14:54	03/19/21 11:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/18/21 14:54	03/19/21 11:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/18/21 14:54	03/19/21 11:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/18/21 14:54	03/19/21 11:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/18/21 14:54	03/19/21 11:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/18/21 14:54	03/19/21 11:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/18/21 14:54	03/19/21 11:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/18/21 14:54	03/19/21 11:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/18/21 14:54	03/19/21 11:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/18/21 14:54	03/19/21 11:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/18/21 14:54	03/19/21 11:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/18/21 14:54	03/19/21 11:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/18/21 14:54	03/19/21 11:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-144		1	03/18/21 14:54	03/19/21 11:04	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/18/21 14:54	03/19/21 11:04	321-60-8	
Terphenyl-d14 (S)	136	%	34-163		1	03/18/21 14:54	03/19/21 11:04	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/18/21 14:54	03/19/21 11:04	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/18/21 14:54	03/19/21 11:04	367-12-4	
2,4,6-Tribromophenol (S)	81	%	10-144		1	03/18/21 14:54	03/19/21 11:04	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/18/21 10:06	03/19/21 14:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/18/21 10:06	03/19/21 14:04	4165-60-0	
2-Fluorobiphenyl (S)	125	%	61-163		1	03/18/21 10:06	03/19/21 14:04	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/18/21 10:06	03/19/21 14:04	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	50.0	10.2	2		03/22/21 19:58	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 Lab ID: 92527960016 Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	214	ug/L	2.0	0.69	2		03/22/21 19:58	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		03/22/21 19:58	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		03/22/21 19:58	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		03/22/21 19:58	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		03/22/21 19:58	75-25-2	IK
Bromomethane	ND	ug/L	4.0	3.3	2		03/22/21 19:58	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		03/22/21 19:58	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		03/22/21 19:58	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		03/22/21 19:58	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		03/22/21 19:58	75-00-3	
Chloroform	ND	ug/L	10.0	3.1	2		03/22/21 19:58	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		03/22/21 19:58	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2		03/22/21 19:58	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	0.65	2		03/22/21 19:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2		03/22/21 19:58	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	0.72	2		03/22/21 19:58	124-48-1	
Dibromomethane	ND	ug/L	2.0	0.79	2		03/22/21 19:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/22/21 19:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2		03/22/21 19:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2		03/22/21 19:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2		03/22/21 19:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2		03/22/21 19:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2		03/22/21 19:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2		03/22/21 19:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2		03/22/21 19:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2		03/22/21 19:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2		03/22/21 19:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2		03/22/21 19:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2		03/22/21 19:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2		03/22/21 19:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/22/21 19:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2		03/22/21 19:58	10061-02-6	
Diisopropyl ether	ND	ug/L	2.0	0.62	2		03/22/21 19:58	108-20-3	IK
Ethylbenzene	10.7	ug/L	2.0	0.61	2		03/22/21 19:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		03/22/21 19:58	87-68-3	
2-Hexanone	ND	ug/L	10.0	0.95	2		03/22/21 19:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2		03/22/21 19:58	99-87-6	
Methylene Chloride	ND	ug/L	10.0	3.9	2		03/22/21 19:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2		03/22/21 19:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2		03/22/21 19:58	1634-04-4	
Naphthalene	250	ug/L	2.0	1.3	2		03/22/21 19:58	91-20-3	
Styrene	30.1	ug/L	2.0	0.58	2		03/22/21 19:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2		03/22/21 19:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2		03/22/21 19:58	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	0.58	2		03/22/21 19:58	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: MW-29BR_WG_20210315 **Lab ID: 92527960016** Collected: 03/15/21 13:56 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	135	ug/L	2.0	0.97	2		03/22/21 19:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2		03/22/21 19:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2		03/22/21 19:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2		03/22/21 19:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2		03/22/21 19:58	79-00-5	
Trichloroethene	ND	ug/L	2.0	0.77	2		03/22/21 19:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		03/22/21 19:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2		03/22/21 19:58	96-18-4	
Vinyl acetate	ND	ug/L	4.0	2.6	2		03/22/21 19:58	108-05-4	IK
Vinyl chloride	ND	ug/L	2.0	0.77	2		03/22/21 19:58	75-01-4	
Xylene (Total)	39.1	ug/L	2.0	0.68	2		03/22/21 19:58	1330-20-7	
m&p-Xylene	25.6	ug/L	4.0	1.4	2		03/22/21 19:58	179601-23-1	
o-Xylene	13.5	ug/L	2.0	0.68	2		03/22/21 19:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2		03/22/21 19:58	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		2		03/22/21 19:58	17060-07-0	
Toluene-d8 (S)	110	%	70-130		2		03/22/21 19:58	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/17/21 06:11	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	0.56J	mg/L	1.0	0.50	1		03/18/21 13:31	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	0.97J	mg/L	1.0	0.50	1		03/25/21 22:46	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Sample: TB-06_WG_20210315 Lab ID: 92527960017 Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 12:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 12:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 12:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 12:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 12:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 12:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 12:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 12:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 12:30	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 12:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 12:30	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 12:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 12:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 12:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 12:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 12:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 12:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 12:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 12:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 12:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 12:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 12:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 12:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 12:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 12:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 12:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 12:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 12:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 12:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 12:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 12:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 12:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 12:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 12:30	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: TB-06_WG_20210315 **Lab ID: 92527960017** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 12:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 12:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 12:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 12:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 12:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 12:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 12:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 12:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 12:30	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 12:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 12:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 12:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 12:30	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		03/22/21 12:30	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 12:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: **TB-07_WG_20210315** Lab ID: **92527960018** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 12:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 12:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 12:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 12:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 12:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 12:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 12:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 12:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 12:48	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 12:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 12:48	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 12:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 12:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 12:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 12:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 12:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 12:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 12:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 12:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 12:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 12:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 12:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 12:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 12:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 12:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 12:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 12:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 12:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 12:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 12:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 12:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 12:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 12:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 12:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 12:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 12:48	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Sample: TB-07_WG_20210315 **Lab ID: 92527960018** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 12:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 12:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 12:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 12:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 12:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 12:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 12:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 12:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 12:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 12:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 12:48	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 12:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 12:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 12:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/22/21 12:48	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/22/21 12:48	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/22/21 12:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607816 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3202084 Matrix: Water
Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/22/21 17:53	
Manganese	ug/L	ND	5.0	3.4	03/22/21 17:53	

LABORATORY CONTROL SAMPLE: 3202085

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5070	101	80-120	
Manganese	ug/L	500	499	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202086 3202087

Parameter	Units	3202086		3202087		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527960014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	ug/L	705	5000	5000	5680	5760	100	101	75-125	1	20
Manganese	ug/L	165	500	500	628	631	93	93	75-125	0	20

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch:	607959	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET Filtered Diss.
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3202603 Matrix: Water

Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/22/21 17:21	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/22/21 17:21	

LABORATORY CONTROL SAMPLE: 3202604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4760	95	80-120	
Manganese, Dissolved	ug/L	500	463	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202605 3202606

Parameter	Units	3202605		3202606		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527960014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron, Dissolved	ug/L	528	5000	5000	5200	5420	94	98	75-125	4	20
Manganese, Dissolved	ug/L	154	500	500	607	612	91	92	75-125	1	20

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
 Pace Project No.: 92527960

QC Batch: 607666 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960016

METHOD BLANK: 3201158 Matrix: Water

Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 13:16	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 13:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 13:16	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 13:16	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 13:16	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 13:16	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 13:16	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 13:16	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 13:16	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 13:16	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 13:16	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 13:16	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 13:16	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 13:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 13:16	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 13:16	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 13:16	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 13:16	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 13:16	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 13:16	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 13:16	
Acetone	ug/L	ND	25.0	5.1	03/22/21 13:16	
Benzene	ug/L	ND	1.0	0.34	03/22/21 13:16	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 13:16	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 13:16	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 13:16	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 13:16	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 13:16	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 13:16	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 13:16	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 13:16	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 13:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 13:16	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 13:16	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 13:16	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 13:16	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 13:16	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3201158

Matrix: Water

Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 13:16	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 13:16	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 13:16	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 13:16	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 13:16	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 13:16	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 13:16	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 13:16	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 13:16	
Styrene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 13:16	
Toluene	ug/L	ND	1.0	0.48	03/22/21 13:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 13:16	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 13:16	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 13:16	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 13:16	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 13:16	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 13:16	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 13:16	
1,2-Dichloroethane-d4 (S)	%	91	70-130		03/22/21 13:16	
4-Bromofluorobenzene (S)	%	98	70-130		03/22/21 13:16	
Toluene-d8 (S)	%	107	70-130		03/22/21 13:16	

LABORATORY CONTROL SAMPLE: 3201159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	59.3	119	70-130	
1,1,1-Trichloroethane	ug/L	50	51.2	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	57.8	116	70-130	
1,1,2-Trichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethane	ug/L	50	48.7	97	70-130	
1,1-Dichloroethene	ug/L	50	48.5	97	70-130	
1,1-Dichloropropene	ug/L	50	48.6	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	59.9	120	70-130	
1,2,3-Trichloropropane	ug/L	50	55.0	110	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.5	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	61.7	123	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	50.3	101	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	60.3	121	70-130	
1,3-Dichloropropane	ug/L	50	51.2	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	53.1	106	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201159

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	
2-Chlorotoluene	ug/L	50	61.5	123	70-130	
2-Hexanone	ug/L	100	117	117	70-130	
4-Chlorotoluene	ug/L	50	57.6	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	70-130	
Acetone	ug/L	100	116	116	70-130	
Benzene	ug/L	50	56.0	112	70-130	
Bromobenzene	ug/L	50	58.0	116	70-130	
Bromochloromethane	ug/L	50	52.6	105	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.1	98	70-130	IK
Bromomethane	ug/L	50	45.1	90	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.5	115	70-130	
Chloroethane	ug/L	50	58.0	116	70-130	
Chloroform	ug/L	50	54.9	110	70-130	
Chloromethane	ug/L	50	46.5	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.8	116	70-130	
Dibromochloromethane	ug/L	50	51.6	103	70-130	
Dibromomethane	ug/L	50	50.1	100	70-130	
Dichlorodifluoromethane	ug/L	50	47.8	96	70-130	
Diisopropyl ether	ug/L	50	55.2	110	70-130	IK
Ethylbenzene	ug/L	50	55.7	111	70-130	
Hexachloro-1,3-butadiene	ug/L	50	56.6	113	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	56.5	113	70-130	
Methylene Chloride	ug/L	50	46.9	94	70-130	
Naphthalene	ug/L	50	57.4	115	70-130	
o-Xylene	ug/L	50	53.7	107	70-130	
p-Isopropyltoluene	ug/L	50	61.6	123	70-130	
Styrene	ug/L	50	54.5	109	70-130	
Tetrachloroethene	ug/L	50	55.4	111	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.3	91	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.8	116	70-130	
Trichloroethene	ug/L	50	57.4	115	70-130	
Trichlorofluoromethane	ug/L	50	46.8	94	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			91	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3201160		3201161		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527345026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	519	548	104	110	73-134	6	30		
1,1,1-Trichloroethane	ug/L	ND	500	500	622	579	124	116	82-143	7	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	540	564	108	113	70-136	4	30		
1,1,2-Trichloroethane	ug/L	ND	500	500	513	500	103	100	70-135	3	30		
1,1-Dichloroethane	ug/L	ND	500	500	566	546	113	109	70-139	3	30		
1,1-Dichloroethene	ug/L	ND	500	500	611	544	122	109	70-154	12	30		
1,1-Dichloropropene	ug/L	ND	500	500	521	498	104	100	70-149	5	30		
1,2,3-Trichlorobenzene	ug/L	ND	500	500	580	613	116	123	70-135	6	30		
1,2,3-Trichloropropane	ug/L	ND	500	500	512	538	102	108	71-137	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	500	500	576	579	115	116	73-140	1	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	568	597	114	119	65-134	5	30		
1,2-Dichlorobenzene	ug/L	ND	500	500	649	586	130	117	70-133	10	30		
1,2-Dichloroethane	ug/L	ND	500	500	583	546	117	109	70-137	7	30		
1,2-Dichloropropane	ug/L	ND	500	500	606	580	121	116	70-140	4	30		
1,3-Dichlorobenzene	ug/L	ND	500	500	662	616	132	123	70-135	7	30		
1,3-Dichloropropane	ug/L	ND	500	500	472	496	94	99	70-143	5	30		
1,4-Dichlorobenzene	ug/L	ND	500	500	599	601	120	120	70-133	0	30		
2,2-Dichloropropane	ug/L	ND	500	500	215	217	43	43	61-148	1	30	M1	
2-Butanone (MEK)	ug/L	ND	1000	1000	1030	1090	103	109	60-139	5	30		
2-Chlorotoluene	ug/L	ND	500	500	674	653	135	131	70-144	3	30		
2-Hexanone	ug/L	ND	1000	1000	1150	1280	115	128	65-138	10	30		
4-Chlorotoluene	ug/L	ND	500	500	649	598	130	120	70-137	8	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	1030	1050	103	105	65-135	2	30		
Acetone	ug/L	ND	1000	1000	1290	1240	129	124	60-148	4	30		
Benzene	ug/L	ND	500	500	609	571	122	114	70-151	7	30		
Bromobenzene	ug/L	ND	500	500	640	592	128	118	70-136	8	30		
Bromochloromethane	ug/L	ND	500	500	585	541	117	108	70-141	8	30		
Bromodichloromethane	ug/L	ND	500	500	563	495	113	99	70-138	13	30		
Bromoform	ug/L	ND	500	500	460	498	92	100	63-130	8	30	IK	
Bromomethane	ug/L	ND	500	500	474	497	95	99	15-152	5	30	v3	
Carbon tetrachloride	ug/L	ND	500	500	624	552	125	110	70-143	12	30		
Chlorobenzene	ug/L	ND	500	500	591	589	118	118	70-138	0	30		
Chloroethane	ug/L	ND	500	500	581	545	116	109	52-163	6	30		
Chloroform	ug/L	ND	500	500	578	514	116	103	70-139	12	30		
Chloromethane	ug/L	ND	500	500	449	443	90	89	41-139	1	30		
cis-1,2-Dichloroethene	ug/L	172	500	500	744	676	114	101	70-141	10	30		
cis-1,3-Dichloropropene	ug/L	ND	500	500	483	463	97	93	70-137	4	30		
Dibromochloromethane	ug/L	ND	500	500	442	481	88	96	70-134	8	30		
Dibromomethane	ug/L	ND	500	500	588	515	118	103	70-138	13	30		
Dichlorodifluoromethane	ug/L	ND	500	500	514	472	103	94	47-155	9	30		
Diisopropyl ether	ug/L	ND	500	500	528	497	106	99	63-144	6	30	IK	
Ethylbenzene	ug/L	ND	500	500	599	579	120	116	66-153	4	30		
Hexachloro-1,3-butadiene	ug/L	ND	500	500	523	511	105	102	65-149	2	30		
m&p-Xylene	ug/L	ND	1000	1000	1210	1140	121	114	69-152	6	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201160		3201161		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527345026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	500	500	533	523	107	105	54-156	2	30		
Methylene Chloride	ug/L	ND	500	500	590	563	113	107	42-159	5	30		
Naphthalene	ug/L	ND	500	500	545	590	109	118	61-148	8	30		
o-Xylene	ug/L	ND	500	500	595	576	119	115	70-148	3	30		
p-Isopropyltoluene	ug/L	ND	500	500	617	620	123	124	70-146	0	30		
Styrene	ug/L	ND	500	500	593	567	119	113	70-135	4	30		
Tetrachloroethene	ug/L	ND	500	500	559	533	112	107	59-143	5	30		
Toluene	ug/L	ND	500	500	581	532	116	106	59-148	9	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	575	515	115	103	70-146	11	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	445	438	89	88	70-135	2	30		
Trichloroethene	ug/L	3080	500	500	3980	3790	179	142	70-147	5	30	M1	
Trichlorofluoromethane	ug/L	ND	500	500	576	524	115	105	70-148	9	30		
Vinyl acetate	ug/L	ND	1000	1000	932	972	93	97	49-151	4	30	IK	
Vinyl chloride	ug/L	ND	500	500	533	489	107	98	70-156	9	30		
Xylene (Total)	ug/L	ND	1500	1500	1800	1720	120	115	63-158	5	30		
1,2-Dichloroethane-d4 (S)	%						102	102	70-130				
4-Bromofluorobenzene (S)	%						96	98	70-130				
Toluene-d8 (S)	%						101	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607687 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

METHOD BLANK: 3201405 Matrix: Water
Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 11:54	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 11:54	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 11:54	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 11:54	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 11:54	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 11:54	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 11:54	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 11:54	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 11:54	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 11:54	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 11:54	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 11:54	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 11:54	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 11:54	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 11:54	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 11:54	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 11:54	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 11:54	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 11:54	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 11:54	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 11:54	
Acetone	ug/L	ND	25.0	5.1	03/22/21 11:54	
Benzene	ug/L	ND	1.0	0.34	03/22/21 11:54	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 11:54	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 11:54	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 11:54	
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 11:54	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 11:54	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 11:54	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 11:54	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 11:54	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 11:54	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 11:54	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 11:54	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 11:54	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 11:54	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 11:54	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3201405

Matrix: Water

Associated Lab Samples: 92527960002, 92527960003, 92527960004, 92527960013, 92527960014, 92527960017, 92527960018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 11:54	
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 11:54	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 11:54	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 11:54	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 11:54	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 11:54	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 11:54	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 11:54	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 11:54	
Styrene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 11:54	
Toluene	ug/L	ND	1.0	0.48	03/22/21 11:54	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 11:54	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 11:54	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 11:54	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 11:54	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 11:54	
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 11:54	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 11:54	
1,2-Dichloroethane-d4 (S)	%	102	70-130		03/22/21 11:54	
4-Bromofluorobenzene (S)	%	98	70-130		03/22/21 11:54	
Toluene-d8 (S)	%	99	70-130		03/22/21 11:54	

LABORATORY CONTROL SAMPLE: 3201406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.7	89	70-130	
1,1,1-Trichloroethane	ug/L	50	42.8	86	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.9	88	70-130	
1,1,2-Trichloroethane	ug/L	50	46.2	92	70-130	
1,1-Dichloroethane	ug/L	50	42.3	85	70-130	
1,1-Dichloroethene	ug/L	50	42.0	84	70-130	
1,1-Dichloropropene	ug/L	50	42.1	84	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.3	93	70-130	
1,2,3-Trichloropropane	ug/L	50	45.2	90	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.1	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.9	100	70-130	
1,2-Dichlorobenzene	ug/L	50	44.6	89	70-130	
1,2-Dichloroethane	ug/L	50	44.5	89	70-130	
1,2-Dichloropropane	ug/L	50	44.4	89	70-130	
1,3-Dichlorobenzene	ug/L	50	45.0	90	70-130	
1,3-Dichloropropane	ug/L	50	43.6	87	70-130	
1,4-Dichlorobenzene	ug/L	50	43.4	87	70-130	
2,2-Dichloropropane	ug/L	50	44.7	89	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201406

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	91.4	91	70-130	
2-Chlorotoluene	ug/L	50	43.8	88	70-130	
2-Hexanone	ug/L	100	90.8	91	70-130	
4-Chlorotoluene	ug/L	50	44.2	88	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.6	92	70-130	
Acetone	ug/L	100	96.7	97	70-130	
Benzene	ug/L	50	43.8	88	70-130	
Bromobenzene	ug/L	50	43.0	86	70-130	
Bromochloromethane	ug/L	50	44.5	89	70-130	
Bromodichloromethane	ug/L	50	42.2	84	70-130	
Bromoform	ug/L	50	48.0	96	70-130	
Bromomethane	ug/L	50	38.2	76	70-130	
Carbon tetrachloride	ug/L	50	43.2	86	70-130	
Chlorobenzene	ug/L	50	43.7	87	70-130	
Chloroethane	ug/L	50	40.6	81	70-130	
Chloroform	ug/L	50	43.4	87	70-130	
Chloromethane	ug/L	50	37.2	74	70-130 v3	
cis-1,2-Dichloroethene	ug/L	50	42.7	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	45.0	90	70-130	
Dibromochloromethane	ug/L	50	46.8	94	70-130	
Dibromomethane	ug/L	50	48.3	97	70-130	
Dichlorodifluoromethane	ug/L	50	35.3	71	70-130	
Diisopropyl ether	ug/L	50	41.9	84	70-130	
Ethylbenzene	ug/L	50	42.7	85	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.5	91	70-130	
m&p-Xylene	ug/L	100	85.6	86	70-130	
Methyl-tert-butyl ether	ug/L	50	43.9	88	70-130	
Methylene Chloride	ug/L	50	41.8	84	70-130	
Naphthalene	ug/L	50	46.4	93	70-130	
o-Xylene	ug/L	50	42.2	84	70-130	
p-Isopropyltoluene	ug/L	50	43.5	87	70-130	
Styrene	ug/L	50	43.4	87	70-130	
Tetrachloroethene	ug/L	50	42.9	86	70-130	
Toluene	ug/L	50	43.8	88	70-130	
trans-1,2-Dichloroethene	ug/L	50	42.9	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.8	92	70-130	
Trichloroethene	ug/L	50	44.6	89	70-130	
Trichlorofluoromethane	ug/L	50	37.9	76	70-130	
Vinyl acetate	ug/L	100	97.9	98	70-130	
Vinyl chloride	ug/L	50	38.7	77	70-130	
Xylene (Total)	ug/L	150	128	85	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	92527960004		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.1	18.9	95	95	73-134	1	30					
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	18.8	100	94	82-143	6	30					
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.0	18.9	85	95	70-136	11	30					
1,1,2-Trichloroethane	ug/L	ND	20	20	26.7	22.3	133	111	70-135	18	30					
1,1-Dichloroethane	ug/L	ND	20	20	18.7	17.8	94	89	70-139	5	30					
1,1-Dichloroethene	ug/L	ND	20	20	23.3	22.6	116	113	70-154	3	30					
1,1-Dichloropropene	ug/L	ND	20	20	19.3	18.7	97	93	70-149	4	30					
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.4	19.1	97	95	70-135	2	30					
1,2,3-Trichloropropane	ug/L	ND	20	20	17.0	18.9	85	94	71-137	11	30					
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.3	20.1	96	100	73-140	4	30					
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.0	19.1	95	95	65-134	1	30					
1,2-Dichlorobenzene	ug/L	ND	20	20	19.8	19.4	99	97	70-133	2	30					
1,2-Dichloroethane	ug/L	ND	20	20	19.4	18.5	97	92	70-137	5	30					
1,2-Dichloropropane	ug/L	ND	20	20	18.9	19.3	95	96	70-140	2	30					
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	19.8	99	99	70-135	0	30					
1,3-Dichloropropane	ug/L	ND	20	20	19.9	18.9	99	95	70-143	5	30					
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	18.8	94	94	70-133	0	30					
2,2-Dichloropropane	ug/L	ND	20	20	20.3	19.3	101	97	61-148	5	30					
2-Butanone (MEK)	ug/L	ND	40	40	36.8	35.3	92	88	60-139	4	30					
2-Chlorotoluene	ug/L	ND	20	20	20.1	20.6	100	103	70-144	3	30					
2-Hexanone	ug/L	ND	40	40	37.3	36.1	93	90	65-138	3	30					
4-Chlorotoluene	ug/L	ND	20	20	18.7	19.5	94	97	70-137	4	30					
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	42.7	42.5	107	106	65-135	1	30					
Acetone	ug/L	ND	40	40	37.7	41.1	94	103	60-148	9	30					
Benzene	ug/L	ND	20	20	19.8	20.1	99	101	70-151	2	30					
Bromobenzene	ug/L	ND	20	20	20.2	19.9	101	100	70-136	1	30					
Bromochloromethane	ug/L	ND	20	20	19.0	18.4	95	92	70-141	3	30					
Bromodichloromethane	ug/L	ND	20	20	18.0	18.0	90	90	70-138	0	30					
Bromoform	ug/L	ND	20	20	17.2	17.9	86	89	63-130	4	30					
Bromomethane	ug/L	ND	20	20	18.3	17.3	92	86	15-152	6	30 v3					
Carbon tetrachloride	ug/L	ND	20	20	21.0	21.1	105	106	70-143	1	30					
Chlorobenzene	ug/L	ND	20	20	20.3	19.7	101	98	70-138	3	30					
Chloroethane	ug/L	ND	20	20	19.1	19.3	96	96	52-163	1	30					
Chloroform	ug/L	ND	20	20	18.9	18.0	95	90	70-139	5	30					
Chloromethane	ug/L	ND	20	20	15.7	15.4	78	77	41-139	2	30 v3					
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.7	17.6	94	88	70-141	6	30					
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.1	18.9	96	95	70-137	1	30					
Dibromochloromethane	ug/L	ND	20	20	19.2	18.1	96	90	70-134	6	30					
Dibromomethane	ug/L	ND	20	20	20.1	20.8	100	104	70-138	3	30					
Dichlorodifluoromethane	ug/L	ND	20	20	18.2	17.4	91	87	47-155	4	30					
Diisopropyl ether	ug/L	ND	20	20	17.5	16.5	87	83	63-144	6	30					
Ethylbenzene	ug/L	ND	20	20	19.6	19.3	98	96	66-153	2	30					
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.1	20.5	101	103	65-149	2	30					
m&p-Xylene	ug/L	ND	40	40	38.7	38.5	97	96	69-152	0	30					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201407		3201408		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527960004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	18.5	19.9	92	99	54-156	7	30		
Methylene Chloride	ug/L	ND	20	20	17.8	19.3	89	97	42-159	8	30		
Naphthalene	ug/L	ND	20	20	18.2	19.0	91	95	61-148	5	30		
o-Xylene	ug/L	ND	20	20	18.9	18.8	95	94	70-148	1	30		
p-Isopropyltoluene	ug/L	ND	20	20	19.9	20.1	99	101	70-146	1	30		
Styrene	ug/L	ND	20	20	19.1	19.0	96	95	70-135	1	30		
Tetrachloroethene	ug/L	ND	20	20	18.6	19.6	93	98	59-143	6	30		
Toluene	ug/L	ND	20	20	20.3	19.5	101	97	59-148	4	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.6	20.3	93	102	70-146	9	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.0	21.5	120	108	70-135	11	30		
Trichloroethene	ug/L	ND	20	20	20.5	20.3	103	101	70-147	1	30		
Trichlorofluoromethane	ug/L	ND	20	20	23.2	20.9	116	104	70-148	11	30		
Vinyl acetate	ug/L	ND	40	40	40.2	38.3	100	96	49-151	5	30		
Vinyl chloride	ug/L	ND	20	20	17.7	16.8	88	84	70-156	5	30		
Xylene (Total)	ug/L	ND	60	60	57.6	57.3	96	96	63-158	0	30		
1,2-Dichloroethane-d4 (S)	%						99	96	70-130				
4-Bromofluorobenzene (S)	%						90	95	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 607691 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

METHOD BLANK: 3201436 Matrix: Water
Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 00:14	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 00:14	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 00:14	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 00:14	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 00:14	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 00:14	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 00:14	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 00:14	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 00:14	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 00:14	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 00:14	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 00:14	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 00:14	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 00:14	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 00:14	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 00:14	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 00:14	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 00:14	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 00:14	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 00:14	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 00:14	
Acetone	ug/L	ND	25.0	5.1	03/19/21 00:14	
Benzene	ug/L	ND	1.0	0.34	03/19/21 00:14	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 00:14	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 00:14	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 00:14	
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 00:14	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 00:14	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 00:14	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 00:14	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 00:14	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 00:14	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 00:14	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 00:14	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 00:14	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 00:14	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3201436

Matrix: Water

Associated Lab Samples: 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 00:14	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 00:14	
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 00:14	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 00:14	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 00:14	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 00:14	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 00:14	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 00:14	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 00:14	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 00:14	
Styrene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 00:14	
Toluene	ug/L	ND	1.0	0.48	03/19/21 00:14	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 00:14	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 00:14	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 00:14	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 00:14	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 00:14	
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 00:14	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 00:14	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/19/21 00:14	
4-Bromofluorobenzene (S)	%	95	70-130		03/19/21 00:14	
Toluene-d8 (S)	%	99	70-130		03/19/21 00:14	

LABORATORY CONTROL SAMPLE: 3201437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.9	96	70-130	
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.2	92	70-130	
1,1,2-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethane	ug/L	50	44.4	89	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	44.6	89	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.7	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.5	95	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	43.7	87	70-130	
1,2-Dichloropropane	ug/L	50	46.2	92	70-130	
1,3-Dichlorobenzene	ug/L	50	49.2	98	70-130	
1,3-Dichloropropane	ug/L	50	46.9	94	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
2,2-Dichloropropane	ug/L	50	45.3	91	70-130	
2-Butanone (MEK)	ug/L	100	78.7	79	70-130	
2-Chlorotoluene	ug/L	50	46.7	93	70-130	
2-Hexanone	ug/L	100	87.2	87	70-130	
4-Chlorotoluene	ug/L	50	44.9	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.9	87	70-130	
Acetone	ug/L	100	92.0	92	70-130	
Benzene	ug/L	50	44.9	90	70-130	
Bromobenzene	ug/L	50	46.2	92	70-130	
Bromochloromethane	ug/L	50	48.1	96	70-130	
Bromodichloromethane	ug/L	50	43.8	88	70-130	
Bromoform	ug/L	50	47.9	96	70-130	
Bromomethane	ug/L	50	48.2	96	70-130	
Carbon tetrachloride	ug/L	50	48.1	96	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	43.2	86	70-130	
Chloroform	ug/L	50	43.8	88	70-130	
Chloromethane	ug/L	50	41.3	83	70-130 v3	
cis-1,2-Dichloroethene	ug/L	50	43.5	87	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.1	94	70-130	
Dibromochloromethane	ug/L	50	48.4	97	70-130	
Dibromomethane	ug/L	50	49.4	99	70-130	
Dichlorodifluoromethane	ug/L	50	48.1	96	70-130	
Diisopropyl ether	ug/L	50	41.2	82	70-130	
Ethylbenzene	ug/L	50	47.1	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.3	93	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	44.3	89	70-130	
Methylene Chloride	ug/L	50	42.5	85	70-130	
Naphthalene	ug/L	50	49.6	99	70-130	
o-Xylene	ug/L	50	48.1	96	70-130	
p-Isopropyltoluene	ug/L	50	47.8	96	70-130	
Styrene	ug/L	50	48.4	97	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	47.5	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.8	94	70-130	
Trichloroethene	ug/L	50	49.1	98	70-130	
Trichlorofluoromethane	ug/L	50	48.1	96	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	
Vinyl chloride	ug/L	50	44.5	89	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3202375		3202376		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.4	21.1	102	105	73-134	3	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	20.7	100	103	82-143	3	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.4	20.2	97	101	70-136	4	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	20.1	20.0	101	100	70-135	1	30		
1,1-Dichloroethane	ug/L	ND	20	20	19.1	19.7	95	98	70-139	3	30		
1,1-Dichloroethene	ug/L	ND	20	20	20.9	21.4	104	107	70-154	2	30		
1,1-Dichloropropene	ug/L	ND	20	20	19.5	19.9	98	100	70-149	2	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.1	20.9	101	104	70-135	4	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.9	20.7	104	103	71-137	1	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.3	21.0	101	105	73-140	4	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.2	20.9	101	105	65-134	3	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	21.0	103	105	70-133	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	18.1	18.9	90	95	70-137	5	30		
1,2-Dichloropropane	ug/L	ND	20	20	19.6	19.1	98	96	70-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	20.6	21.0	103	105	70-135	2	30		
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.5	99	103	70-143	3	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	21.1	21.5	106	107	70-133	2	30		
2,2-Dichloropropane	ug/L	ND	20	20	19.8	19.9	99	99	61-148	0	30		
2-Butanone (MEK)	ug/L	ND	40	40	38.2	38.3	95	96	60-139	0	30	v3	
2-Chlorotoluene	ug/L	ND	20	20	20.1	20.2	101	101	70-144	0	30		
2-Hexanone	ug/L	ND	40	40	37.2	38.5	93	96	65-138	3	30		
4-Chlorotoluene	ug/L	ND	20	20	19.1	19.8	96	99	70-137	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.2	37.7	93	94	65-135	1	30		
Acetone	ug/L	ND	40	40	40.6	46.2	101	115	60-148	13	30		
Benzene	ug/L	ND	20	20	19.8	20.1	99	100	70-151	1	30		
Bromobenzene	ug/L	ND	20	20	20.4	20.8	102	104	70-136	2	30		
Bromochloromethane	ug/L	ND	20	20	20.2	20.9	101	104	70-141	3	30		
Bromodichloromethane	ug/L	ND	20	20	18.5	19.2	93	96	70-138	3	30		
Bromoform	ug/L	ND	20	20	19.8	20.5	99	102	63-130	4	30		
Bromomethane	ug/L	ND	20	20	19.0	21.7	95	108	15-152	13	30	v3	
Carbon tetrachloride	ug/L	ND	20	20	22.0	21.8	110	109	70-143	1	30		
Chlorobenzene	ug/L	ND	20	20	21.2	21.8	106	109	70-138	2	30		
Chloroethane	ug/L	ND	20	20	24.1	24.6	121	123	52-163	2	30		
Chloroform	ug/L	ND	20	20	18.9	19.4	94	97	70-139	3	30		
Chloromethane	ug/L	ND	20	20	16.6	15.8	83	79	41-139	5	30	v3	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.7	19.2	94	96	70-141	3	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.7	20.1	98	100	70-137	2	30		
Dibromochloromethane	ug/L	ND	20	20	20.4	21.0	102	105	70-134	3	30		
Dibromomethane	ug/L	ND	20	20	21.1	22.2	105	111	70-138	5	30		
Dichlorodifluoromethane	ug/L	ND	20	20	20.7	21.0	103	105	47-155	2	30		
Diisopropyl ether	ug/L	ND	20	20	17.0	17.4	85	87	63-144	3	30		
Ethylbenzene	ug/L	ND	20	20	20.5	21.0	103	105	66-153	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	21.2	103	106	65-149	3	30		
m&p-Xylene	ug/L	ND	40	40	41.8	42.3	104	106	69-152	1	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3202375		3202376		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	18.4	19.3	92	97	54-156	5	30		
Methylene Chloride	ug/L	ND	20	20	17.9	18.4	89	92	42-159	3	30		
Naphthalene	ug/L	ND	20	20	20.9	20.7	105	104	61-148	1	30		
o-Xylene	ug/L	ND	20	20	20.5	21.0	103	105	70-148	2	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.0	21.5	105	107	70-146	2	30		
Styrene	ug/L	ND	20	20	19.9	20.5	99	102	70-135	3	30		
Tetrachloroethene	ug/L	ND	20	20	21.4	21.9	107	110	59-143	2	30		
Toluene	ug/L	ND	20	20	20.8	20.9	104	104	59-148	0	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.5	20.0	97	100	70-146	2	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.5	19.6	98	98	70-135	1	30		
Trichloroethene	ug/L	ND	20	20	21.3	21.9	107	110	70-147	3	30		
Trichlorofluoromethane	ug/L	ND	20	20	25.1	25.8	126	129	70-148	3	30		
Vinyl acetate	ug/L	ND	40	40	40.5	40.7	101	102	49-151	1	30		
Vinyl chloride	ug/L	ND	20	20	19.0	19.9	95	99	70-156	4	30		
Xylene (Total)	ug/L	ND	60	60	62.3	63.3	104	106	63-158	2	30		
1,2-Dichloroethane-d4 (S)	%							96	98	70-130			
4-Bromofluorobenzene (S)	%							97	97	70-130			
Toluene-d8 (S)	%							98	97	70-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch: 607695

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960001

METHOD BLANK: 3201479

Matrix: Water

Associated Lab Samples: 92527960001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 17:57	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 17:57	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 17:57	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 17:57	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 17:57	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 17:57	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 17:57	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 17:57	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 17:57	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 17:57	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 17:57	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 17:57	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 17:57	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 17:57	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 17:57	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 17:57	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 17:57	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 17:57	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 17:57	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 17:57	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 17:57	
Acetone	ug/L	ND	25.0	5.1	03/19/21 17:57	
Benzene	ug/L	ND	1.0	0.34	03/19/21 17:57	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 17:57	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 17:57	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 17:57	IK
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 17:57	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 17:57	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 17:57	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 17:57	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 17:57	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 17:57	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 17:57	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 17:57	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 17:57	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 17:57	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 17:57	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3201479

Matrix: Water

Associated Lab Samples: 92527960001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 17:57	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 17:57	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 17:57	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 17:57	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 17:57	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 17:57	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 17:57	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 17:57	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 17:57	
Styrene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 17:57	
Toluene	ug/L	ND	1.0	0.48	03/19/21 17:57	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 17:57	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 17:57	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 17:57	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 17:57	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 17:57	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 17:57	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 17:57	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/19/21 17:57	
4-Bromofluorobenzene (S)	%	100	70-130		03/19/21 17:57	
Toluene-d8 (S)	%	109	70-130		03/19/21 17:57	

LABORATORY CONTROL SAMPLE: 3201480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	60.0	120	70-130	
1,1,1-Trichloroethane	ug/L	50	53.6	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	59.8	120	70-130	
1,1,2-Trichloroethane	ug/L	50	59.6	119	70-130	
1,1-Dichloroethane	ug/L	50	51.7	103	70-130	
1,1-Dichloroethene	ug/L	50	49.6	99	70-130	
1,1-Dichloropropene	ug/L	50	49.3	99	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.0	122	70-130	
1,2,3-Trichloropropane	ug/L	50	58.1	116	70-130	
1,2,4-Trichlorobenzene	ug/L	50	58.4	117	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	60.3	121	70-130	
1,2-Dichlorobenzene	ug/L	50	56.3	113	70-130	
1,2-Dichloroethane	ug/L	50	53.5	107	70-130	
1,2-Dichloropropane	ug/L	50	59.5	119	70-130	
1,3-Dichlorobenzene	ug/L	50	59.7	119	70-130	
1,3-Dichloropropane	ug/L	50	54.5	109	70-130	
1,4-Dichlorobenzene	ug/L	50	53.9	108	70-130	
2,2-Dichloropropane	ug/L	50	53.8	108	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201480

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	103	103	70-130	
2-Chlorotoluene	ug/L	50	58.6	117	70-130	
2-Hexanone	ug/L	100	117	117	70-130	
4-Chlorotoluene	ug/L	50	58.0	116	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	113	113	70-130	
Benzene	ug/L	50	58.3	117	70-130	
Bromobenzene	ug/L	50	56.4	113	70-130	
Bromochloromethane	ug/L	50	51.2	102	70-130	
Bromodichloromethane	ug/L	50	53.4	107	70-130	
Bromoform	ug/L	50	51.7	103	70-130	IK
Bromomethane	ug/L	50	52.6	105	70-130	
Carbon tetrachloride	ug/L	50	52.6	105	70-130	
Chlorobenzene	ug/L	50	59.4	119	70-130	
Chloroethane	ug/L	50	56.4	113	70-130	
Chloroform	ug/L	50	55.1	110	70-130	
Chloromethane	ug/L	50	49.5	99	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	61.2	122	70-130	
Dibromochloromethane	ug/L	50	54.0	108	70-130	
Dibromomethane	ug/L	50	52.2	104	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	70-130	
Diisopropyl ether	ug/L	50	59.0	118	70-130	IK
Ethylbenzene	ug/L	50	57.5	115	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.2	104	70-130	
m&p-Xylene	ug/L	100	111	111	70-130	
Methyl-tert-butyl ether	ug/L	50	59.5	119	70-130	
Methylene Chloride	ug/L	50	50.2	100	70-130	
Naphthalene	ug/L	50	58.6	117	70-130	
o-Xylene	ug/L	50	55.7	111	70-130	
p-Isopropyltoluene	ug/L	50	59.2	118	70-130	
Styrene	ug/L	50	57.6	115	70-130	
Tetrachloroethene	ug/L	50	56.3	113	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	58.8	118	70-130	
Trichloroethene	ug/L	50	59.3	119	70-130	
Trichlorofluoromethane	ug/L	50	46.7	93	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	IK
Vinyl chloride	ug/L	50	47.2	94	70-130	
Xylene (Total)	ug/L	150	167	111	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			93	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3203681		3203682		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527960001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	201	195	100	98	73-134	3	30		
1,1,1-Trichloroethane	ug/L	ND	200	200	205	201	103	100	82-143	2	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	208	200	104	100	70-136	4	30		
1,1,2-Trichloroethane	ug/L	ND	200	200	191	181	96	90	70-135	6	30		
1,1-Dichloroethane	ug/L	ND	200	200	203	206	102	103	70-139	1	30		
1,1-Dichloroethene	ug/L	ND	200	200	205	207	102	104	70-154	1	30		
1,1-Dichloropropene	ug/L	ND	200	200	190	186	95	93	70-149	2	30		
1,2,3-Trichlorobenzene	ug/L	ND	200	200	251	241	126	121	70-135	4	30		
1,2,3-Trichloropropane	ug/L	ND	200	200	200	195	100	98	71-137	3	30		
1,2,4-Trichlorobenzene	ug/L	ND	200	200	251	232	126	116	73-140	8	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	221	224	110	112	65-134	2	30		
1,2-Dichlorobenzene	ug/L	ND	200	200	235	226	117	113	70-133	4	30		
1,2-Dichloroethane	ug/L	ND	200	200	194	191	97	95	70-137	2	30		
1,2-Dichloropropane	ug/L	ND	200	200	219	201	110	100	70-140	9	30		
1,3-Dichlorobenzene	ug/L	ND	200	200	242	234	121	117	70-135	3	30		
1,3-Dichloropropane	ug/L	ND	200	200	182	167	91	84	70-143	8	30		
1,4-Dichlorobenzene	ug/L	ND	200	200	221	213	111	107	70-133	4	30		
2,2-Dichloropropane	ug/L	ND	200	200	219	219	109	109	61-148	0	30		
2-Butanone (MEK)	ug/L	ND	400	400	356	355	89	89	60-139	0	30		
2-Chlorotoluene	ug/L	ND	200	200	244	224	122	112	70-144	8	30		
2-Hexanone	ug/L	ND	400	400	446	425	111	106	65-138	5	30		
4-Chlorotoluene	ug/L	ND	200	200	237	224	118	112	70-137	5	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	381	373	95	93	65-135	2	30		
Acetone	ug/L	ND	400	400	380	416	95	104	60-148	9	30		
Benzene	ug/L	11.1	200	200	238	223	113	106	70-151	6	30		
Bromobenzene	ug/L	ND	200	200	222	209	111	104	70-136	6	30		
Bromochloromethane	ug/L	ND	200	200	209	208	104	104	70-141	0	30		
Bromodichloromethane	ug/L	ND	200	200	200	199	100	100	70-138	0	30		
Bromoform	ug/L	ND	200	200	175	169	88	84	63-130	4	30	IK	
Bromomethane	ug/L	ND	200	200	191	185	96	93	15-152	3	30	v3	
Carbon tetrachloride	ug/L	ND	200	200	219	219	110	109	70-143	0	30		
Chlorobenzene	ug/L	ND	200	200	228	224	114	112	70-138	2	30		
Chloroethane	ug/L	ND	200	200	202	200	101	100	52-163	1	30		
Chloroform	ug/L	ND	200	200	214	211	107	106	70-139	1	30		
Chloromethane	ug/L	ND	200	200	168	184	84	92	41-139	9	30		
cis-1,2-Dichloroethene	ug/L	ND	200	200	202	199	101	100	70-141	1	30		
cis-1,3-Dichloropropene	ug/L	ND	200	200	212	191	106	96	70-137	11	30		
Dibromochloromethane	ug/L	ND	200	200	178	169	89	85	70-134	5	30		
Dibromomethane	ug/L	ND	200	200	205	206	102	103	70-138	1	30		
Dichlorodifluoromethane	ug/L	ND	200	200	152	151	76	76	47-155	1	30		
Diisopropyl ether	ug/L	ND	200	200	185	189	93	95	63-144	2	30	IK	
Ethylbenzene	ug/L	23.5	200	200	263	248	120	112	66-153	6	30		
Hexachloro-1,3-butadiene	ug/L	ND	200	200	235	219	118	110	65-149	7	30		
m&p-Xylene	ug/L	14.2J	400	400	484	454	117	110	69-152	6	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	92527960001		3203681		3203682		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Methyl-tert-butyl ether	ug/L	ND	200	200	188	199	94	100	54-156	6	30			
Methylene Chloride	ug/L	ND	200	200	202	204	101	102	42-159	1	30			
Naphthalene	ug/L	938	200	200	1500	1740	282	400	61-148	15	30	M1		
o-Xylene	ug/L	11.9	200	200	249	231	119	110	70-148	7	30			
p-Isopropyltoluene	ug/L	ND	200	200	260	245	130	122	70-146	6	30			
Styrene	ug/L	ND	200	200	223	207	112	104	70-135	8	30			
Tetrachloroethene	ug/L	ND	200	200	224	210	112	105	59-143	7	30			
Toluene	ug/L	6.4J	200	200	218	211	106	102	59-148	3	30			
trans-1,2-Dichloroethene	ug/L	ND	200	200	197	195	98	97	70-146	1	30			
trans-1,3-Dichloropropene	ug/L	ND	200	200	198	193	99	96	70-135	2	30			
Trichloroethene	ug/L	ND	200	200	219	215	110	107	70-147	2	30			
Trichlorofluoromethane	ug/L	ND	200	200	188	190	94	95	70-148	1	30			
Vinyl acetate	ug/L	117	400	400	381	389	66	68	49-151	2	30	IK		
Vinyl chloride	ug/L	ND	200	200	188	188	94	94	70-156	0	30			
Xylene (Total)	ug/L	26.1	600	600	733	685	118	110	63-158	7	30			
1,2-Dichloroethane-d4 (S)	%						94	106	70-130					
4-Bromofluorobenzene (S)	%						97	99	70-130					
Toluene-d8 (S)	%						101	101	70-130					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

QC Batch: 608458 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960015

METHOD BLANK: 3205005 Matrix: Water

Associated Lab Samples: 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:09	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:09	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:09	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:09	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:09	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:09	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:09	IK
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:09	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:09	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:09	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3205005

Matrix: Water

Associated Lab Samples: 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:09	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:09	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:09	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:09	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:09	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:09	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:09	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:09	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:09	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/23/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/21 11:09	
Toluene-d8 (S)	%	105	70-130		03/23/21 11:09	

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.1	114	70-130	
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.3	109	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	48.9	98	70-130	
1,1-Dichloropropene	ug/L	50	46.6	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.9	124	70-130	
1,2,3-Trichloropropane	ug/L	50	54.7	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.7	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.2	116	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	54.7	109	70-130	
1,3-Dichlorobenzene	ug/L	50	61.0	122	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	54.0	108	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	58.2	116	70-130	
2-Hexanone	ug/L	100	111	111	70-130	
4-Chlorotoluene	ug/L	50	57.4	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.8	99	70-130	
Acetone	ug/L	100	102	102	70-130	
Benzene	ug/L	50	54.9	110	70-130	
Bromobenzene	ug/L	50	57.9	116	70-130	
Bromochloromethane	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.0	98	70-130	IK
Bromomethane	ug/L	50	49.1	98	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.2	114	70-130	
Chloroethane	ug/L	50	55.5	111	70-130	
Chloroform	ug/L	50	50.0	100	70-130	
Chloromethane	ug/L	50	43.3	87	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	50.4	101	70-130	IK
Ethylbenzene	ug/L	50	54.8	110	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	55.5	111	70-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	57.9	116	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
p-Isopropyltoluene	ug/L	50	59.8	120	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.2	112	70-130	
Trichloroethene	ug/L	50	56.8	114	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	70-130	
Vinyl acetate	ug/L	100	99.9	100	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	92527960015		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	546	538	109	108	73-134	1	30					
1,1,1-Trichloroethane	ug/L	ND	500	500	551	591	110	118	82-143	7	30					
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	539	568	108	114	70-136	5	30					
1,1,2-Trichloroethane	ug/L	ND	500	500	543	561	109	112	70-135	3	30					
1,1-Dichloroethane	ug/L	ND	500	500	540	552	108	110	70-139	2	30					
1,1-Dichloroethene	ug/L	ND	500	500	564	557	113	111	70-154	1	30					
1,1-Dichloropropene	ug/L	ND	500	500	494	486	99	97	70-149	2	30					
1,2,3-Trichlorobenzene	ug/L	ND	500	500	578	652	116	130	70-135	12	30					
1,2,3-Trichloropropane	ug/L	ND	500	500	535	544	107	109	71-137	2	30					
1,2,4-Trichlorobenzene	ug/L	ND	500	500	587	671	117	134	73-140	13	30					
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	530	625	106	125	65-134	16	30					
1,2-Dichlorobenzene	ug/L	ND	500	500	596	644	119	129	70-133	8	30					
1,2-Dichloroethane	ug/L	ND	500	500	521	562	104	112	70-137	8	30					
1,2-Dichloropropane	ug/L	ND	500	500	579	609	116	122	70-140	5	30					
1,3-Dichlorobenzene	ug/L	ND	500	500	622	653	124	131	70-135	5	30					
1,3-Dichloropropane	ug/L	ND	500	500	479	476	96	95	70-143	1	30					
1,4-Dichlorobenzene	ug/L	ND	500	500	570	634	114	127	70-133	11	30					
2,2-Dichloropropane	ug/L	ND	500	500	551	587	110	117	61-148	6	30					
2-Butanone (MEK)	ug/L	ND	1000	1000	819	928	82	93	60-139	13	30					
2-Chlorotoluene	ug/L	ND	500	500	610	711	122	142	70-144	15	30					
2-Hexanone	ug/L	ND	1000	1000	981	1140	98	114	65-138	15	30					
4-Chlorotoluene	ug/L	ND	500	500	599	633	120	127	70-137	5	30					
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	990	1020	99	102	65-135	3	30					
Acetone	ug/L	ND	1000	1000	1100	1100	110	110	60-148	0	30					
Benzene	ug/L	1600	500	500	2270	2280	134	137	70-151	1	30					
Bromobenzene	ug/L	ND	500	500	596	639	119	128	70-136	7	30					
Bromochloromethane	ug/L	ND	500	500	561	566	112	113	70-141	1	30					
Bromodichloromethane	ug/L	ND	500	500	570	561	114	112	70-138	2	30					
Bromoform	ug/L	ND	500	500	432	448	86	90	63-130	4	30	IK				
Bromomethane	ug/L	ND	500	500	501	517	100	103	15-152	3	30	v3				
Carbon tetrachloride	ug/L	ND	500	500	626	598	125	120	70-143	5	30					
Chlorobenzene	ug/L	ND	500	500	596	600	119	120	70-138	1	30					
Chloroethane	ug/L	ND	500	500	577	579	115	116	52-163	0	30					
Chloroform	ug/L	ND	500	500	568	532	114	106	70-139	7	30					
Chloromethane	ug/L	ND	500	500	464	521	93	104	41-139	12	30					
cis-1,2-Dichloroethene	ug/L	ND	500	500	512	546	102	109	70-141	6	30					
cis-1,3-Dichloropropene	ug/L	ND	500	500	572	590	114	118	70-137	3	30					
Dibromochloromethane	ug/L	ND	500	500	453	492	91	98	70-134	8	30					
Dibromomethane	ug/L	ND	500	500	565	593	113	119	70-138	5	30					
Dichlorodifluoromethane	ug/L	ND	500	500	556	574	111	115	47-155	3	30					
Diisopropyl ether	ug/L	ND	500	500	498	498	100	100	63-144	0	30	IK				
Ethylbenzene	ug/L	209	500	500	790	789	116	116	66-153	0	30					
Hexachloro-1,3-butadiene	ug/L	ND	500	500	571	625	114	125	65-149	9	30					
m&p-Xylene	ug/L	62.1	1000	1000	1230	1260	117	119	69-152	2	30					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3205007		3205008		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527960015 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	ND	500	500	494	529	99	106	54-156	7	30		
Methylene Chloride	ug/L	ND	500	500	530	524	106	105	42-159	1	30		
Naphthalene	ug/L	1750	500	500	2400	2630	130	175	61-148	9	30	M1	
o-Xylene	ug/L	54.4	500	500	630	629	115	115	70-148	0	30		
p-Isopropyltoluene	ug/L	ND	500	500	623	673	125	135	70-146	8	30		
Styrene	ug/L	ND	500	500	569	579	114	116	70-135	2	30		
Tetrachloroethene	ug/L	ND	500	500	547	580	109	116	59-143	6	30		
Toluene	ug/L	23.5J	500	500	604	605	116	116	59-148	0	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	556	577	111	115	70-146	4	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	545	555	109	111	70-135	2	30		
Trichloroethene	ug/L	ND	500	500	620	619	124	124	70-147	0	30		
Trichlorofluoromethane	ug/L	ND	500	500	537	571	107	114	70-148	6	30		
Vinyl acetate	ug/L	ND	1000	1000	987	1030	99	103	49-151	5	30	IK	
Vinyl chloride	ug/L	ND	500	500	470	551	94	110	70-156	16	30		
Xylene (Total)	ug/L	116	1500	1500	1870	1890	117	118	63-158	1	30		
1,2-Dichloroethane-d4 (S)	%						101	104	70-130				
4-Bromofluorobenzene (S)	%						98	95	70-130				
Toluene-d8 (S)	%						103	100	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch:	607212	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3510C	Analysis Description:	8270E Water MSSV RVE
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

METHOD BLANK: 3198851 Matrix: Water

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/18/21 16:59	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/18/21 16:59	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/18/21 16:59	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/18/21 16:59	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/18/21 16:59	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/18/21 16:59	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/18/21 16:59	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/18/21 16:59	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/18/21 16:59	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/18/21 16:59	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/18/21 16:59	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/18/21 16:59	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/18/21 16:59	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/18/21 16:59	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/18/21 16:59	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/18/21 16:59	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/18/21 16:59	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/18/21 16:59	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/18/21 16:59	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/18/21 16:59	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/18/21 16:59	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/18/21 16:59	
Acenaphthene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Acenaphthylene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Aniline	ug/L	ND	10.0	1.6	03/18/21 16:59	
Anthracene	ug/L	ND	10.0	2.3	03/18/21 16:59	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/18/21 16:59	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/18/21 16:59	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/18/21 16:59	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/18/21 16:59	
Benzoic Acid	ug/L	ND	50.0	3.4	03/18/21 16:59	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/18/21 16:59	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/18/21 16:59	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/18/21 16:59	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3198851

Matrix: Water

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/18/21 16:59	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/18/21 16:59	
Chrysene	ug/L	ND	10.0	2.8	03/18/21 16:59	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/18/21 16:59	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/18/21 16:59	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/18/21 16:59	
Dibenzofuran	ug/L	ND	10.0	2.1	03/18/21 16:59	
Diethylphthalate	ug/L	ND	10.0	2.0	03/18/21 16:59	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/18/21 16:59	
Fluoranthene	ug/L	ND	10.0	2.2	03/18/21 16:59	
Fluorene	ug/L	ND	10.0	2.1	03/18/21 16:59	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/18/21 16:59	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/18/21 16:59	
Hexachloroethane	ug/L	ND	10.0	1.4	03/18/21 16:59	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/18/21 16:59	
Isophorone	ug/L	ND	10.0	1.7	03/18/21 16:59	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/18/21 16:59	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/18/21 16:59	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/18/21 16:59	
Nitrobenzene	ug/L	ND	10.0	1.9	03/18/21 16:59	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/18/21 16:59	
Phenanthrene	ug/L	ND	10.0	2.0	03/18/21 16:59	
Phenol	ug/L	ND	10.0	1.4	03/18/21 16:59	
Pyrene	ug/L	ND	10.0	2.2	03/18/21 16:59	
2,4,6-Tribromophenol (S)	%	131	10-144		03/18/21 16:59	
2-Fluorobiphenyl (S)	%	111	10-130		03/18/21 16:59	
2-Fluorophenol (S)	%	82	10-130		03/18/21 16:59	
Nitrobenzene-d5 (S)	%	114	10-144		03/18/21 16:59	
Phenol-d6 (S)	%	65	10-130		03/18/21 16:59	
Terphenyl-d14 (S)	%	167	34-163		03/18/21 16:59	S3

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	37.6	75	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.2	74	28-130	
2,4,5-Trichlorophenol	ug/L	50	54.2	108	35-130	
2,4,6-Trichlorophenol	ug/L	50	49.4	99	31-130	
2,4-Dichlorophenol	ug/L	50	44.1	88	35-130	
2,4-Dimethylphenol	ug/L	50	45.1	90	34-130	
2,4-Dinitrophenol	ug/L	250	278	111	10-153	
2,4-Dinitrotoluene	ug/L	50	53.9	108	37-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	52.5	105	33-136	
2-Chloronaphthalene	ug/L	50	40.9	82	26-130	
2-Chlorophenol	ug/L	50	38.5	77	37-130	
2-Methylnaphthalene	ug/L	50	37.1	74	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	39.7	79	35-130	
2-Nitroaniline	ug/L	100	107	107	37-130	
2-Nitrophenol	ug/L	50	42.2	84	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	37.7	75	34-130	
3,3'-Dichlorobenzidine	ug/L	100	119	119	34-136	
3-Nitroaniline	ug/L	100	107	107	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	59.5	119	38-130	
4-Chloro-3-methylphenol	ug/L	100	98.6	99	37-130	
4-Chloroaniline	ug/L	100	86.1	86	38-130	
4-Chlorophenylphenyl ether	ug/L	50	50.2	100	33-130	
4-Nitroaniline	ug/L	100	113	113	42-137	
4-Nitrophenol	ug/L	250	180	72	10-130	
Acenaphthene	ug/L	50	47.3	95	33-130	
Acenaphthylene	ug/L	50	47.8	96	35-130	
Aniline	ug/L	50	35.2	70	22-130	
Anthracene	ug/L	50	59.1	118	48-130	
Benzo(a)anthracene	ug/L	50	62.0	124	48-137	
Benzo(b)fluoranthene	ug/L	50	65.1	130	52-138	
Benzo(g,h,i)perylene	ug/L	50	58.0	116	48-140	
Benzo(k)fluoranthene	ug/L	50	64.4	129	48-139	
Benzoic Acid	ug/L	250	137	55	10-130	
Benzyl alcohol	ug/L	100	84.5	85	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	42.4	85	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.1	84	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.5	133	32-165	
Butylbenzylphthalate	ug/L	50	63.6	127	34-161	
Chrysene	ug/L	50	61.5	123	47-131	
Di-n-butylphthalate	ug/L	50	64.1	128	39-144	
Di-n-octylphthalate	ug/L	50	62.9	126	30-170	
Dibenz(a,h)anthracene	ug/L	50	59.8	120	49-138	
Dibenzofuran	ug/L	50	49.7	99	33-130	
Diethylphthalate	ug/L	50	53.6	107	38-131	
Dimethylphthalate	ug/L	50	51.8	104	37-130	
Fluoranthene	ug/L	50	61.5	123	46-137	
Fluorene	ug/L	50	51.9	104	37-130	
Hexachlorobenzene	ug/L	50	55.7	111	38-130	
Hexachlorocyclopentadiene	ug/L	50	29.7	59	10-130	
Hexachloroethane	ug/L	50	28.5	57	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	59.6	119	41-130	
Isophorone	ug/L	50	44.0	88	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.6	85	36-130	
N-Nitrosodimethylamine	ug/L	50	35.8	72	34-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3198852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	55.2	110	37-130	
Nitrobenzene	ug/L	50	42.2	84	36-130	
Pentachlorophenol	ug/L	100	123	123	23-149	
Phenanthrene	ug/L	50	57.8	116	44-130	
Phenol	ug/L	50	26.3	53	18-130	
Pyrene	ug/L	50	62.0	124	47-134	
2,4,6-Tribromophenol (S)	%			142	10-144	
2-Fluorobiphenyl (S)	%			89	10-130	
2-Fluorophenol (S)	%			64	10-130	
Nitrobenzene-d5 (S)	%			89	10-144	
Phenol-d6 (S)	%			52	10-130	
Terphenyl-d14 (S)	%			153	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198853 3198854

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527960009	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	ND	50	50	50	40.3	53.4	81	107	10-130	28	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	48.0	55.4	96	111	12-142	14	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	55.7	62.2	111	124	10-143	11	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	53.9	59.1	108	118	10-147	9	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	53.1	58.5	106	117	10-138	10	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	52.5	59.6	105	119	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	275	109	110	44	10-165	86	30	R1
2,4-Dinitrotoluene	ug/L	ND	50	50	50	57.4	64.3	115	129	29-148	11	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	58.5	65.0	117	130	26-146	11	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	42.6	56.2	85	112	11-130	27	30	
2-Chlorophenol	ug/L	ND	50	50	50	50.9	54.3	102	109	10-133	6	30	
2-Methylnaphthalene	ug/L	ND	50	50	50	40.6	53.5	81	107	13-130	27	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	49.0	51.7	98	103	20-130	5	30	
2-Nitroaniline	ug/L	ND	100	100	100	111	125	111	125	24-136	12	30	
2-Nitrophenol	ug/L	ND	50	50	50	54.5	61.6	109	123	10-153	12	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	46.7	47.9	93	96	16-130	3	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	107	132	107	132	10-153	21	30	
3-Nitroaniline	ug/L	ND	100	100	100	106	126	106	126	22-151	17	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	122	121	122	121	10-180	0	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	61.0	70.1	122	140	25-130	14	30	M1
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	103	117	103	117	25-133	13	30	
4-Chloroaniline	ug/L	ND	100	100	100	92.7	113	93	113	14-132	20	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	49.2	59.4	98	119	19-130	19	30	
4-Nitroaniline	ug/L	ND	100	100	100	116	131	116	131	29-150	12	30	
4-Nitrophenol	ug/L	ND	250	250	250	183	150	73	60	10-130	20	30	
Acenaphthene	ug/L	ND	50	50	50	49.7	60.2	99	120	16-130	19	30	
Acenaphthylene	ug/L	ND	50	50	50	51.2	61.2	102	122	15-137	18	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3198853		3198854		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aniline	ug/L	ND	50	50	29.1	45.9	58	92	10-130	45	30	R1	
Anthracene	ug/L	ND	50	50	58.4	66.8	117	134	37-136	13	30		
Benzo(a)anthracene	ug/L	ND	50	50	61.7	69.3	123	139	40-145	12	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	64.4	71.1	129	142	39-151	10	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.9	71.4	120	143	40-147	17	30		
Benzo(k)fluoranthene	ug/L	ND	50	50	61.1	66.8	122	134	40-146	9	30		
Benzoic Acid	ug/L	ND	250	250	170	ND	68	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	107	110	107	110	25-130	3	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	52.2	60.3	104	121	23-130	14	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	56.0	61.8	112	124	25-130	10	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	68.2	76.1	136	152	28-166	11	30		
Butylbenzylphthalate	ug/L	ND	50	50	69.3	75.1	139	150	33-165	8	30		
Chrysene	ug/L	ND	50	50	60.6	66.2	121	132	38-141	9	30		
Di-n-butylphthalate	ug/L	ND	50	50	61.4	68.5	123	137	32-153	11	30		
Di-n-octylphthalate	ug/L	ND	50	50	65.7	73.1	131	146	30-175	11	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	60.6	68.9	121	138	39-148	13	30		
Dibenzofuran	ug/L	ND	50	50	50.9	60.6	102	121	20-130	17	30		
Diethylphthalate	ug/L	ND	50	50	55.7	60.7	111	121	28-142	9	30		
Dimethylphthalate	ug/L	ND	50	50	52.9	61.1	106	122	26-136	14	30		
Fluoranthene	ug/L	ND	50	50	59.4	67.9	119	136	39-143	13	30		
Fluorene	ug/L	ND	50	50	53.5	62.2	107	124	24-132	15	30		
Hexachlorobenzene	ug/L	ND	50	50	51.3	59.9	103	120	29-130	16	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.3	44.5	65	89	10-130	32	30	R1	
Hexachloroethane	ug/L	ND	50	50	34.2	39.6	68	79	10-130	15	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	61.6	70.5	123	141	39-148	13	30		
Isophorone	ug/L	ND	50	50	51.9	59.6	104	119	23-130	14	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	54.4	61.2	109	122	25-130	12	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	48.5	48.0	97	96	22-130	1	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	55.0	62.3	110	125	26-134	12	30		
Nitrobenzene	ug/L	ND	50	50	50.0	58.8	100	118	25-130	16	30		
Pentachlorophenol	ug/L	ND	100	100	124	141	124	141	10-175	12	30		
Phenanthrene	ug/L	ND	50	50	56.1	64.0	112	128	36-133	13	30		
Phenol	ug/L	ND	50	50	32.9	30.7	66	61	10-130	7	30		
Pyrene	ug/L	ND	50	50	63.4	71.3	127	143	40-143	12	30		
2,4,6-Tribromophenol (S)	%						133	149	10-144				S0
2-Fluorobiphenyl (S)	%						95	115	10-130				
2-Fluorophenol (S)	%						79	81	10-130				
Nitrobenzene-d5 (S)	%						106	121	10-144				
Phenol-d6 (S)	%						66	61	10-130				
Terphenyl-d14 (S)	%						150	158	34-163				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496
 Pace Project No.: 92527960

QC Batch: 607656 Analysis Method: EPA 8270E
 QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960016

METHOD BLANK: 3201093 Matrix: Water

Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/19/21 09:23	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/19/21 09:23	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/19/21 09:23	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/19/21 09:23	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/19/21 09:23	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/19/21 09:23	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/19/21 09:23	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/19/21 09:23	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/19/21 09:23	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/19/21 09:23	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/19/21 09:23	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/19/21 09:23	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/19/21 09:23	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/19/21 09:23	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/19/21 09:23	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/19/21 09:23	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/19/21 09:23	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/19/21 09:23	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/19/21 09:23	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/19/21 09:23	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/19/21 09:23	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/19/21 09:23	
Acenaphthene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Acenaphthylene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Aniline	ug/L	ND	10.0	1.6	03/19/21 09:23	
Anthracene	ug/L	ND	10.0	2.3	03/19/21 09:23	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/19/21 09:23	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/19/21 09:23	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/19/21 09:23	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/19/21 09:23	
Benzoic Acid	ug/L	ND	50.0	3.4	03/19/21 09:23	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/19/21 09:23	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/19/21 09:23	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/19/21 09:23	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/19/21 09:23	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/19/21 09:23	v1
Chrysene	ug/L	ND	10.0	2.8	03/19/21 09:23	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

METHOD BLANK: 3201093

Matrix: Water

Associated Lab Samples: 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/19/21 09:23	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/19/21 09:23	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/19/21 09:23	
Dibenzofuran	ug/L	ND	10.0	2.1	03/19/21 09:23	
Diethylphthalate	ug/L	ND	10.0	2.0	03/19/21 09:23	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/19/21 09:23	
Fluoranthene	ug/L	ND	10.0	2.2	03/19/21 09:23	
Fluorene	ug/L	ND	10.0	2.1	03/19/21 09:23	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/19/21 09:23	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/19/21 09:23	
Hexachloroethane	ug/L	ND	10.0	1.4	03/19/21 09:23	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/19/21 09:23	
Isophorone	ug/L	ND	10.0	1.7	03/19/21 09:23	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/19/21 09:23	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/19/21 09:23	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/19/21 09:23	
Nitrobenzene	ug/L	ND	10.0	1.9	03/19/21 09:23	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/19/21 09:23	
Phenanthrene	ug/L	ND	10.0	2.0	03/19/21 09:23	
Phenol	ug/L	ND	10.0	1.4	03/19/21 09:23	
Pyrene	ug/L	ND	10.0	2.2	03/19/21 09:23	
2,4,6-Tribromophenol (S)	%	105	10-144		03/19/21 09:23	
2-Fluorobiphenyl (S)	%	77	10-130		03/19/21 09:23	
2-Fluorophenol (S)	%	67	10-130		03/19/21 09:23	
Nitrobenzene-d5 (S)	%	92	10-144		03/19/21 09:23	
Phenol-d6 (S)	%	55	10-130		03/19/21 09:23	
Terphenyl-d14 (S)	%	142	34-163		03/19/21 09:23	

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	35.0	70	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	39.9	80	28-130	
2,4,5-Trichlorophenol	ug/L	50	47.9	96	35-130	
2,4,6-Trichlorophenol	ug/L	50	44.4	89	31-130	
2,4-Dichlorophenol	ug/L	50	46.0	92	35-130	
2,4-Dimethylphenol	ug/L	50	46.2	92	34-130	
2,4-Dinitrophenol	ug/L	250	236	94	10-153	
2,4-Dinitrotoluene	ug/L	50	51.2	102	37-136	
2,6-Dinitrotoluene	ug/L	50	52.4	105	33-136	
2-Chloronaphthalene	ug/L	50	38.7	77	26-130	
2-Chlorophenol	ug/L	50	42.8	86	37-130	
2-Methylnaphthalene	ug/L	50	34.4	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.3	83	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	97.0	97	37-130	
2-Nitrophenol	ug/L	50	46.7	93	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	39.8	80	34-130	
3,3'-Dichlorobenzidine	ug/L	100	101	101	34-136	
3-Nitroaniline	ug/L	100	96.2	96	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	109	109	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.1	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	88.1	88	37-130	
4-Chloroaniline	ug/L	100	85.1	85	38-130	
4-Chlorophenylphenyl ether	ug/L	50	45.7	91	33-130	
4-Nitroaniline	ug/L	100	100	100	42-137	
4-Nitrophenol	ug/L	250	146	59	10-130	
Acenaphthene	ug/L	50	43.9	88	33-130	
Acenaphthylene	ug/L	50	44.2	88	35-130	
Aniline	ug/L	50	36.5	73	22-130	
Anthracene	ug/L	50	53.3	107	48-130	
Benzo(a)anthracene	ug/L	50	56.8	114	48-137	
Benzo(b)fluoranthene	ug/L	50	59.8	120	52-138	
Benzo(g,h,i)perylene	ug/L	50	61.3	123	48-140	
Benzo(k)fluoranthene	ug/L	50	58.0	116	48-139	
Benzoic Acid	ug/L	250	141	56	10-130	
Benzyl alcohol	ug/L	100	89.0	89	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	46.5	93	34-130	
bis(2-Chloroethyl) ether	ug/L	50	47.0	94	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	64.3	129	32-165	
Butylbenzylphthalate	ug/L	50	61.3	123	34-161 v1	
Chrysene	ug/L	50	55.1	110	47-131	
Di-n-butylphthalate	ug/L	50	57.1	114	39-144	
Di-n-octylphthalate	ug/L	50	57.0	114	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.1	120	49-138	
Dibenzofuran	ug/L	50	45.5	91	33-130	
Diethylphthalate	ug/L	50	50.0	100	38-131	
Dimethylphthalate	ug/L	50	48.6	97	37-130	
Fluoranthene	ug/L	50	53.9	108	46-137	
Fluorene	ug/L	50	47.2	94	37-130	
Hexachlorobenzene	ug/L	50	49.7	99	38-130	
Hexachlorocyclopentadiene	ug/L	50	24.2	48	10-130	
Hexachloroethane	ug/L	50	16.0	32	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	61.4	123	41-130	
Isophorone	ug/L	50	45.0	90	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	45.4	91	36-130	
N-Nitrosodimethylamine	ug/L	50	40.7	81	34-130	
N-Nitrosodiphenylamine	ug/L	50	50.2	100	37-130	
Nitrobenzene	ug/L	50	43.4	87	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	52.0	104	44-130	
Phenol	ug/L	50	27.8	56	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

LABORATORY CONTROL SAMPLE: 3201094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	59.1	118	47-134	
2,4,6-Tribromophenol (S)	%			112	10-144	
2-Fluorobiphenyl (S)	%			67	10-130	
2-Fluorophenol (S)	%			63	10-130	
Nitrobenzene-d5 (S)	%			86	10-144	
Phenol-d6 (S)	%			50	10-130	
Terphenyl-d14 (S)	%			129	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201095 3201096

Parameter	Units	MS 92527967008		MSD		MS 3201095		MSD 3201096		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	ND	50	50	38.4	48.1	77	96	10-130	23	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	47.2	47.0	94	94	12-142	0	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	51.5	60.1	103	120	10-143	15	30		
2,4,6-Trichlorophenol	ug/L	ND	50	50	46.8	56.3	94	113	10-147	19	30		
2,4-Dichlorophenol	ug/L	ND	50	50	51.7	57.3	103	115	10-138	10	30		
2,4-Dimethylphenol	ug/L	ND	50	50	52.3	57.2	105	114	25-130	9	30		
2,4-Dinitrophenol	ug/L	ND	250	250	36.1J	127	14	51	10-165		30		
2,4-Dinitrotoluene	ug/L	ND	50	50	53.8	62.7	108	125	29-148	15	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	55.8	63.1	112	126	26-146	12	30		
2-Chloronaphthalene	ug/L	ND	50	50	43.4	53.7	87	107	11-130	21	30		
2-Chlorophenol	ug/L	ND	50	50	49.4	51.7	99	103	10-133	4	30		
2-Methylnaphthalene	ug/L	ND	50	50	38.0	47.9	76	96	13-130	23	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	46.8	49.9	94	100	20-130	6	30		
2-Nitroaniline	ug/L	ND	100	100	107	121	107	121	24-136	12	30		
2-Nitrophenol	ug/L	ND	50	50	53.7	58.6	107	117	10-153	9	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	44.1	47.7	88	95	16-130	8	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	104	117	104	117	10-153	12	30		
3-Nitroaniline	ug/L	ND	100	100	105	118	105	118	22-151	12	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	63.2	103	63	103	10-180	48	30	R1	
4-Bromophenylphenyl ether	ug/L	ND	50	50	59.9	68.3	120	137	25-130	13	30	M1	
4-Chloro-3-methylphenol	ug/L	ND	100	100	99.4	108	99	108	25-133	8	30		
4-Chloroaniline	ug/L	ND	100	100	96.6	102	97	102	14-132	6	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	49.8	57.8	100	116	19-130	15	30		
4-Nitroaniline	ug/L	ND	100	100	106	123	106	123	29-150	15	30		
4-Nitrophenol	ug/L	ND	250	250	80.6	149	32	60	10-130	60	30	R1	
Acenaphthene	ug/L	ND	50	50	49.1	58.5	98	117	16-130	18	30		
Acenaphthylene	ug/L	ND	50	50	50.1	59.4	100	119	15-137	17	30		
Aniline	ug/L	ND	50	50	42.8	44.6	86	89	10-130	4	30		
Anthracene	ug/L	ND	50	50	54.6	61.7	109	123	37-136	12	30		
Benzo(a)anthracene	ug/L	ND	50	50	57.6	65.5	115	131	40-145	13	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	58.1	67.4	116	135	39-151	15	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	63.1	71.3	126	143	40-147	12	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Parameter	Units	3201095		3201096		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527967008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	60.6	69.1	121	138	40-146	13	30		
Benzoic Acid	ug/L	ND	250	250	ND	13.5J	0	5	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	101	108	101	108	25-130	6	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	53.4	56.8	107	114	23-130	6	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	55.4	57.1	111	114	25-130	3	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	61.5	71.4	123	143	28-166	15	30		
Butylbenzylphthalate	ug/L	ND	50	50	62.1	70.0	124	140	33-165	12	30	v1	
Chrysene	ug/L	ND	50	50	55.4	62.4	111	125	38-141	12	30		
Di-n-butylphthalate	ug/L	ND	50	50	55.3	63.6	111	127	32-153	14	30		
Di-n-octylphthalate	ug/L	ND	50	50	57.7	67.2	115	134	30-175	15	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	62.2	70.5	124	141	39-148	13	30		
Dibenzofuran	ug/L	ND	50	50	50.1	59.5	100	119	20-130	17	30		
Diethylphthalate	ug/L	ND	50	50	53.6	59.6	107	119	28-142	11	30		
Dimethylphthalate	ug/L	ND	50	50	53.1	59.0	106	118	26-136	11	30		
Fluoranthene	ug/L	ND	50	50	53.2	61.6	106	123	39-143	15	30		
Fluorene	ug/L	ND	50	50	52.3	60.0	105	120	24-132	14	30		
Hexachlorobenzene	ug/L	ND	50	50	52.0	58.8	104	118	29-130	12	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.5	40.7	49	81	10-130	50	30	R1	
Hexachloroethane	ug/L	ND	50	50	13.9	20.3	28	41	10-130	37	30	R1	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	62.3	71.8	125	144	39-148	14	30		
Isophorone	ug/L	ND	50	50	52.2	56.1	104	112	23-130	7	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	53.9	56.1	108	112	25-130	4	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	44.7	49.7	89	99	22-130	11	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	52.9	59.3	106	119	26-134	11	30		
Nitrobenzene	ug/L	ND	50	50	50.4	53.7	101	107	25-130	6	30		
Pentachlorophenol	ug/L	ND	100	100	51.4	111	48	108	10-175	74	30	R1	
Phenanthrene	ug/L	ND	50	50	53.6	59.6	107	119	36-133	11	30		
Phenol	ug/L	ND	50	50	28.7	33.1	57	66	10-130	14	30		
Pyrene	ug/L	ND	50	50	62.1	68.1	124	136	40-143	9	30		
2,4,6-Tribromophenol (S)	%						109	130	10-144				
2-Fluorobiphenyl (S)	%						83	84	10-130				
2-Fluorophenol (S)	%						68	75	10-130				
Nitrobenzene-d5 (S)	%						98	103	10-144				
Phenol-d6 (S)	%						53	60	10-130				
Terphenyl-d14 (S)	%						134	142	34-163				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch:	607495	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3511	Analysis Description:	8270E 3511 Low Volume PAH SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015, 92527960016

METHOD BLANK: 3200345 Matrix: Water

Associated Lab Samples: 92527960001, 92527960002, 92527960003, 92527960004, 92527960005, 92527960006, 92527960007, 92527960008, 92527960009, 92527960010, 92527960011, 92527960012, 92527960013, 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/18/21 12:00	
2-Fluorobiphenyl (S)	%	153	61-163		03/18/21 12:00	
Nitrobenzene-d5 (S)	%	144	67-170		03/18/21 12:00	
Terphenyl-d14 (S)	%	151	62-169		03/18/21 12:00	

LABORATORY CONTROL SAMPLE: 3200346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	3.2	129	70-130	
2-Fluorobiphenyl (S)	%			138	61-163	
Nitrobenzene-d5 (S)	%			126	67-170	
Terphenyl-d14 (S)	%			131	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200347 3200348

Parameter	Units	92527960009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.7	2.8	110	114	50-165	4	30	
2-Fluorobiphenyl (S)	%						126	122	61-163			
Nitrobenzene-d5 (S)	%						116	115	67-170			
Terphenyl-d14 (S)	%						115	112	62-169			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch:	607060	Analysis Method:	SM 4500-S2D-2011
QC Batch Method:	SM 4500-S2D-2011	Analysis Description:	4500S2D Sulfide Water
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3198386 Matrix: Water

Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/17/21 06:01	

LABORATORY CONTROL SAMPLE: 3198387

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198388 3198389

Parameter	Units	92527706002		3198389		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Sulfide	mg/L	ND	0.5	0.55	0.55	110	110	80-120	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198390 3198391

Parameter	Units	92527833001		3198391		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Sulfide	mg/L	ND	0.5	0.41	0.42	82	83	80-120	0	10	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch: 607145	Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993	Analysis Description: 300.0 IC Anions
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527960014, 92527960015, 92527960016

METHOD BLANK: 3198588 Matrix: Water

Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/18/21 09:24	

LABORATORY CONTROL SAMPLE: 3198589

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	51.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198590 3198591

Parameter	Units	92527951001		3198591		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.								
Sulfate	mg/L	2.9	50	57.0	57.9	108	110	90-110	2	10			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198592 3198593

Parameter	Units	92527960016		3198593		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.								
Sulfate	mg/L	0.56J	50	54.4	55.2	108	109	90-110	1	10			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

QC Batch:	608894	Analysis Method:	SM 5310B-2011
QC Batch Method:	SM 5310B-2011	Analysis Description:	5310B TOC
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92527960014, 92527960015, 92527960016		

METHOD BLANK: 3207029 Matrix: Water

Associated Lab Samples: 92527960014, 92527960015, 92527960016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/25/21 20:51	

LABORATORY CONTROL SAMPLE: 3207030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	24.1	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207031 3207032

Parameter	Units	92527960014		3207031		3207032		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Total Organic Carbon	mg/L	3.7	25	25	25	29.1	29.7	102	104	90-110	2	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207033 3207034

Parameter	Units	92526850003		3207033		3207034		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.					
Total Organic Carbon	mg/L	ND	25	25	25	26.2	26.4	103	104	90-110	1	10

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030496
Pace Project No.: 92527960

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527960014	MW-29S_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960015	MW-29TZ_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960016	MW-29BR_WG_20210315	EPA 3010A	607816	EPA 6010D	607840
92527960014	MW-29S_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960015	MW-29TZ_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960016	MW-29BR_WG_20210315	EPA 3010A	607959	EPA 6010D	607994
92527960001	MW-1_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960002	MW-5_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960003	MW-22_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960004	MW-40BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960005	MW-25R_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960006	MW-41S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960007	MW-41TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960008	MW-41BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960009	MW-34S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960010	MW-34TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960011	MW-34BR_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960012	FD-02_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960013	FB-04_20210316	EPA 3510C	607212	EPA 8270E	607692
92527960014	MW-29S_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960015	MW-29TZ_WG_20210315	EPA 3510C	607212	EPA 8270E	607692
92527960016	MW-29BR_WG_20210315	EPA 3510C	607656	EPA 8270E	607895
92527960001	MW-1_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960002	MW-5_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960003	MW-22_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960004	MW-40BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960005	MW-25R_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960006	MW-41S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960007	MW-41TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960008	MW-41BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960009	MW-34S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960010	MW-34TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960011	MW-34BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960012	FD-02_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960013	FB-04_20210316	EPA 3511	607495	EPA 8270E by SIM	607543
92527960014	MW-29S_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960015	MW-29TZ_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960016	MW-29BR_WG_20210315	EPA 3511	607495	EPA 8270E by SIM	607543
92527960001	MW-1_WG_20210315	EPA 8260D	607695		
92527960002	MW-5_WG_20210315	EPA 8260D	607687		
92527960003	MW-22_WG_20210315	EPA 8260D	607687		
92527960004	MW-40BR_WG_20210315	EPA 8260D	607687		
92527960005	MW-25R_WG_20210315	EPA 8260D	607691		
92527960006	MW-41S_WG_20210315	EPA 8260D	607691		
92527960007	MW-41TZ_WG_20210315	EPA 8260D	607691		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030496

Pace Project No.: 92527960

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527960008	MW-41BR_WG_20210315	EPA 8260D	607691		
92527960009	MW-34S_WG_20210315	EPA 8260D	607691		
92527960010	MW-34TZ_WG_20210315	EPA 8260D	607691		
92527960011	MW-34BR_WG_20210315	EPA 8260D	607691		
92527960012	FD-02_WG_20210315	EPA 8260D	607691		
92527960013	FB-04_20210316	EPA 8260D	607687		
92527960014	MW-29S_WG_20210315	EPA 8260D	607687		
92527960015	MW-29TZ_WG_20210315	EPA 8260D	608458		
92527960016	MW-29BR_WG_20210315	EPA 8260D	607666		
92527960017	TB-06_WG_20210315	EPA 8260D	607687		
92527960018	TB-07_WG_20210315	EPA 8260D	607687		
92527960014	MW-29S_WG_20210315	SM 4500-S2D-2011	607060		
92527960015	MW-29TZ_WG_20210315	SM 4500-S2D-2011	607060		
92527960016	MW-29BR_WG_20210315	SM 4500-S2D-2011	607060		
92527960014	MW-29S_WG_20210315	EPA 300.0 Rev 2.1 1993	607145		
92527960015	MW-29TZ_WG_20210315	EPA 300.0 Rev 2.1 1993	607145		
92527960016	MW-29BR_WG_20210315	EPA 300.0 Rev 2.1 1993	607145		
92527960014	MW-29S_WG_20210315	SM 5310B-2011	608894		
92527960015	MW-29TZ_WG_20210315	SM 5310B-2011	608894		
92527960016	MW-29BR_WG_20210315	SM 5310B-2011	608894		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Syntex-a

Project #: **WO# : 92527960**

Courier: Fed:Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *6/3/16/2*

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: *A3T071* Type of Ice: Wet Blue None

Cooler Temp: *2.1/3.8/5.8/3.1* Correction Factor: Add/Subtract (°C) *0*

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *2.1/3.8/5.8/3.1*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <i>WT</i>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

Field Data Required? Yes No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
 Sample Condition Upon Receipt(SCUR)
 Document No.:
 F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 2 of 2
 Issuing Authority:
 Carolina Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
 Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

Project # **W0# : 92527960**

PM: KLH1 Due Date: 03/23/21
 CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP2U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGJU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DGSA)-250 mL Amber NH4Cl (N/A)(Cl-)	DGBH-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GR (3 vials per kit)-VP4/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
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6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	2	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	3	/	/	/	/	/	/	/	2	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	3	/	/	/	/	/	/	/	2	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project # **WO# : 92527960**

PM: KLH1 Due Date: 03/23/21
CLIENT: 92-Duke Ener

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VDAX (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Ges kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG1U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	1	/	/	2	1	/	/	/	/	/	/	/	/	3	3	3	/	/	/	/	/	/	/	/	2	/	/
2	/	1	/	/	2	1	/	/	/	/	/	/	/	/	3	3	3	/	/	/	/	/	/	/	/	2	/	/
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	9	9	/	/	/	/	/	/	/	/	/	6	/	/
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	/	2	/	/
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	/	2	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	/	2	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	3	/	/	/	/	/	/	/	/	/	2	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
 Required Client Information:
 Company: Synterra
 Address: 148 River Street
 Suite 220, Greenville, SC 29601
 Email: king@synterra.com
 Phone: (803)423-3968 Fax: _____
 Requested Due Date: _____

Section B
 Required Project Information:
 Report To: Tom King
 Copy To: _____
 Purchase Order #: _____
 Project Name: Former Brantley MGP Site
 Project #: _____

Section C
 Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: Kevin Herring@paceanaly.com
 Pace Profile #: 7154

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / -) Sample IDs must be unique	MATRIX Drinking Water Water Wastewater Product Sediment Oil Wipes Air Other Tissue	CODE DW WF WW P SL DL WP AR OT TS	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis	Residual Chlorine (Y/N)						
				START DATE	END DATE			Unpreserved	H2EO4	HNO3	HCl	NaOH	Na2S2O3	Methanol			Other					
MM-21BRL_WG			WT																			
MM-39S_WG			WT																			
MM-39BR_WG			WT																			
MM-39BRL_WG			WT																			
MM-45BR_WG			WT																			
MM-46BR_WG			WT																			
MM-47BR_WG			WT																			
MM-5_WG	20210315		WT			3/15/1029	AS				3										002	
MM-22_WG	20210315		WT			3/15/1037	AS				3										003	
MM-40BR_WG	20210315		WT			3/15/1059	AS				3										004	
MM-39S_WG			WT																			
MM-39BR_WG			WT																			

Level 4 data report required

ADDITIONAL COMMENT: 7th Wypoth

DATE: 3-10-21 1145

DATE: 3-10-21 1330

DATE: 3-10-21 1145

DATE: 3-10-21 1330

TEMP in C: 21, 21, 21, 21

Received on Ice (Y/N): X, X, X, X

Custody Sealed Cooler (Y/N): X, X, X, X

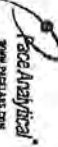
Samples Intact (Y/N): X, X, X, X

SAFETY INFORMATION: _____

PRINT Name of SAMPLER: Kevin Herring

SIGNATURE OF SAMPLER: Kevin Herring

DATE Signed: 3/10/21



Section A

Required Client Information:

Company: Symetra
 Address: 148 River street
 Suite 220, Greenville, SC 29601
 Email: thrg@symetracoop.com
 Phone: (803)429-9998
 Requested Due Date:

Section B

Required Project Information:

Report To: Tom King
 Copy To:
 Purchase Order #:
 Project Name: Farmer Bramble MGP Site
 Project #:

Section C

Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Order:
 Pace Project Manager: ken@hermg@ouvalab.com
 Pace Profile #: 7754

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ITEM #	SAMPLE ID <small>One Character per box (A-Z, 0-9, -,) Sample IDs must be unique</small>	MATRIX	CODE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES								Analytical Test	Residual Chlorine (Y/N)			
				DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other					
613	MM-41TZ WG	Diluting Water	DW																			
628	MM-44BR WG	Waste Water	WW																			
631	FD-01 WG	Waste Water	WW																			
641	FD-02 WG 20210315	Precipitated Solids	PS	3/15/21				BS	3													
653	FD-03 WG	Waste Water	WW																			
655	TR-06-WG-20210315	Precipitated Solids	PS																			
657	TR-07-WG-20210315	Precipitated Solids	PS																			
661	FR-NI-20210315	Filter Residue	FR	3/16/21	8:10			BS	3													
673																						
677																						
ADDITIONAL COMMENTS				REGULATORY AGENCY INFORMATION								DATE				DATE						
Level 4 data report required				Jyha Weyeth								3-16-21				3-16-21						
				Trace								3-16-21				3-16-21						

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Jyha Weyeth
 SIGNATURE OF SAMPLER: *[Signature]*

DATE Signed: 3/16/21

March 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92527376001	MW-2TZ_WG_20210310	Water	03/10/21 10:41	03/12/21 08:00
92527376002	MW-2BR_WG_20210310	Water	03/10/21 11:00	03/12/21 08:00
92527376003	MW-30S_WG_20210310	Water	03/10/21 15:12	03/12/21 08:00
92527376004	MW-30TZ_WG_20210310	Water	03/10/21 14:42	03/12/21 08:00
92527376005	MW-31S_WG_20210310	Water	03/10/21 13:33	03/12/21 08:00
92527376006	MW-31TZ_WG_20210310	Water	03/10/21 13:33	03/12/21 08:00
92527376007	MW-44BR_WG_20210310	Water	03/10/21 11:16	03/12/21 08:00
92527376008	MW-32S_WG_20210310	Water	03/10/21 14:40	03/12/21 08:00
92527376009	MW-32TZ_WG_20210310	Water	03/10/21 14:40	03/12/21 08:00
92527376010	MW-33S_WG_20210310	Water	03/10/21 12:23	03/12/21 08:00
92527376011	MW-33TZ_WG_20210310	Water	03/10/21 12:23	03/12/21 08:00
92527376012	MW-44TZ_WG_20210310	Water	03/10/21 11:37	03/12/21 08:00
92527376013	MW-48TZ_WG_20210310	Water	03/10/21 13:00	03/12/21 08:00
92527376014	MW-48S_WG_20210310	Water	03/10/21 13:40	03/12/21 08:00
92527376015	FB-01_WG_20210311	Water	03/11/21 08:30	03/12/21 08:00
92527376016	TB-01_WG_20210310	Water	03/11/21 00:00	03/12/21 08:00
92527376017	TB-02_WG_20210310	Water	03/11/21 00:00	03/12/21 08:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527376001	MW-2TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527376002	MW-2BR_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376003	MW-30S_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376004	MW-30TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376005	MW-31S_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376006	MW-31TZ_WG_20210310	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	4	PASI-A
		EPA 9060A	ECH	5	PASI-A
92527376007	MW-44BR_WG_20210310	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	4	PASI-A
		EPA 9060A	ECH	5	PASI-A
92527376008	MW-32S_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376009	MW-32TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527376010	MW-33S_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376011	MW-33TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376012	MW-44TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376013	MW-48TZ_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376014	MW-48S_WG_20210310	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376015	FB-01_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92527376016	TB-01_WG_20210310	EPA 8260D	SAS	62	PASI-C
92527376017	TB-02_WG_20210310	EPA 8260D	SAS	62	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527376007	MW-44BR_WG_20210310					
EPA 6010D	Iron	494	ug/L	50.0	03/18/21 18:05	
EPA 6010D	Manganese	19.4	ug/L	5.0	03/18/21 18:05	
EPA 6010D	Iron, Dissolved	384	ug/L	50.0	03/17/21 02:06	
EPA 6010D	Manganese, Dissolved	21.4	ug/L	5.0	03/17/21 02:06	
EPA 300.0 Rev 2.1 1993	Chloride	1.0	mg/L	1.0	03/16/21 07:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	03/16/21 07:45	
EPA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	03/16/21 07:45	
EPA 9060A	Total Organic Carbon	1.9	mg/L	1.0	03/18/21 19:50	
EPA 9060A	Total Organic Carbon	1.8	mg/L	1.0	03/18/21 19:50	
EPA 9060A	Total Organic Carbon	1.7	mg/L	1.0	03/18/21 19:50	
EPA 9060A	Total Organic Carbon	1.8	mg/L	1.0	03/18/21 19:50	
EPA 9060A	Mean Total Organic Carbon	1.8	mg/L	1.0	03/18/21 19:50	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 6010D

Description: 6010 MET ICP

Client: Duke Energy

Date: March 22, 2021

General Information:

2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607050

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527376006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3198349)
 - Iron
 - Manganese
- MSD (Lab ID: 3198350)
 - Iron
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Method: EPA 6010D
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 22, 2021

General Information:

2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: March 22, 2021

General Information:

15 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 606478

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MW-2TZ_WG_20210310 (Lab ID: 92527376001)
- 2-Nitrophenol

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- MW-2TZ_WG_20210310 (Lab ID: 92527376001)
- Pentachlorophenol

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 606478

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3195260)
- 2,4,6-Tribromophenol (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 22, 2021

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606492

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527376002

R1: RPD value was outside control limits.

- MSD (Lab ID: 3195307)
 - 1-Methylnaphthalene
 - Aniline

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 8270E by SIM

Description: 8270E Low Volume PAH SIM

Client: Duke Energy

Date: March 22, 2021

General Information:

15 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 606504

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- MS (Lab ID: 3195357)
 - Nitrobenzene-d5 (S)
- MSD (Lab ID: 3195358)
 - Nitrobenzene-d5 (S)
- MW-2TZ_WG_20210310 (Lab ID: 92527376001)
 - Nitrobenzene-d5 (S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-2BR_WG_20210310 (Lab ID: 92527376002)
 - Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 8270E by SIM

Description: 8270E Low Volume PAH SIM

Client: Duke Energy

Date: March 22, 2021

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 22, 2021

General Information:

17 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 606383

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3194727)
 - Bromoform
- FB-01_WG_20210311 (Lab ID: 92527376015)
 - Bromoform
- LCS (Lab ID: 3194728)
 - Bromoform
- MS (Lab ID: 3195216)
 - Bromoform
- MSD (Lab ID: 3195217)
 - Bromoform
- MW-30S_WG_20210310 (Lab ID: 92527376003)
 - Bromoform
- MW-30TZ_WG_20210310 (Lab ID: 92527376004)
 - Bromoform
- MW-31S_WG_20210310 (Lab ID: 92527376005)
 - Bromoform
- MW-31TZ_WG_20210310 (Lab ID: 92527376006)
 - Bromoform
- MW-32S_WG_20210310 (Lab ID: 92527376008)
 - Bromoform
- MW-32TZ_WG_20210310 (Lab ID: 92527376009)
 - Bromoform
- MW-33S_WG_20210310 (Lab ID: 92527376010)
 - Bromoform
- MW-33TZ_WG_20210310 (Lab ID: 92527376011)
 - Bromoform
- MW-44BR_WG_20210310 (Lab ID: 92527376007)
 - Bromoform
- MW-44TZ_WG_20210310 (Lab ID: 92527376012)
 - Bromoform
- MW-48S_WG_20210310 (Lab ID: 92527376014)
 - Bromoform

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 22, 2021

QC Batch: 606383

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- MW-48TZ_WG_20210310 (Lab ID: 92527376013)
 - Bromoform
- TB-01_WG_20210310 (Lab ID: 92527376016)
 - Bromoform
- TB-02_WG_20210310 (Lab ID: 92527376017)
 - Bromoform

QC Batch: 606963

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3197838)
 - Bromomethane
 - Diisopropyl ether
- LCS (Lab ID: 3197839)
 - Bromomethane
 - Diisopropyl ether
- MW-2BR_WG_20210310 (Lab ID: 92527376002)
 - Bromomethane
 - Diisopropyl ether

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 606383

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3195216)
 - Bromomethane
- MSD (Lab ID: 3195217)
 - Bromomethane
- MW-30S_WG_20210310 (Lab ID: 92527376003)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 22, 2021

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606383

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527376003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3195216)
 - 1,1,2,2-Tetrachloroethane
 - 1,1,2-Trichloroethane
 - 1,2,3-Trichloropropane
 - 1,2-Dibromo-3-chloropropane
 - 1,2-Dichlorobenzene
 - 4-Methyl-2-pentanone (MIBK)
 - Bromochloromethane
 - Dibromochloromethane
 - Dibromomethane
 - Styrene
 - cis-1,3-Dichloropropene
 - trans-1,3-Dichloropropene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: SM 4500-S2D-2011

Description: 4500S2D Sulfide Water

Client: Duke Energy

Date: March 22, 2021

General Information:

2 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606776

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92526603002,92527577024

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3196855)
 - Sulfide
- MSD (Lab ID: 3196856)
 - Sulfide

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 300.0 Rev 2.1 1993

Description: 300.0 IC Anions 28 Days

Client: Duke Energy

Date: March 22, 2021

General Information:

2 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606641

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527305006,92527315001

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3196224)
 - Bromide
 - Fluoride
- MS (Lab ID: 3196226)
 - Bromide
 - Chloride
 - Fluoride
- MSD (Lab ID: 3196225)
 - Bromide
 - Fluoride
- MSD (Lab ID: 3196227)
 - Bromide
 - Chloride
 - Fluoride

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Method: EPA 9060A

Description: Total Organic Carbon, Asheville

Client: Duke Energy

Date: March 22, 2021

General Information:

2 samples were analyzed for EPA 9060A by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-2TZ_WG_20210310 Lab ID: 92527376001 Collected: 03/10/21 10:41 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	36.1	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 11:27	03/16/21 13:28	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 11:27	03/16/21 13:28	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 11:27	03/16/21 13:28	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 11:27	03/16/21 13:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 11:27	03/16/21 13:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 11:27	03/16/21 13:28	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 11:27	03/16/21 13:28	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 11:27	03/16/21 13:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 11:27	03/16/21 13:28	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 11:27	03/16/21 13:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 11:27	03/16/21 13:28	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 11:27	03/16/21 13:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 11:27	03/16/21 13:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 11:27	03/16/21 13:28	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 11:27	03/16/21 13:28	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 11:27	03/16/21 13:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 11:27	03/16/21 13:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 11:27	03/16/21 13:28	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 11:27	03/16/21 13:28	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 11:27	03/16/21 13:28	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 11:27	03/16/21 13:28	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 11:27	03/16/21 13:28	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 11:27	03/16/21 13:28	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 11:27	03/16/21 13:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 11:27	03/16/21 13:28	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 11:27	03/16/21 13:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 11:27	03/16/21 13:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 11:27	03/16/21 13:28	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 11:27	03/16/21 13:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 11:27	03/16/21 13:28	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 11:27	03/16/21 13:28	206-44-0	
Fluorene	5.4J	ug/L	10.0	2.1	1	03/14/21 11:27	03/16/21 13:28	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 11:27	03/16/21 13:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 11:27	03/16/21 13:28	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 11:27	03/16/21 13:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 11:27	03/16/21 13:28	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 11:27	03/16/21 13:28	78-59-1	
1-Methylnaphthalene	78.1	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	90-12-0	
2-Methylnaphthalene	48.4	ug/L	10.0	1.9	1	03/14/21 11:27	03/16/21 13:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 11:27	03/16/21 13:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 11:27	03/16/21 13:28	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-2TZ_WG_20210310 Lab ID: 92527376001 Collected: 03/10/21 10:41 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 11:27	03/16/21 13:28	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 11:27	03/16/21 13:28	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 11:27	03/16/21 13:28	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 11:27	03/16/21 13:28	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 11:27	03/16/21 13:28	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 11:27	03/16/21 13:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 11:27	03/16/21 13:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 11:27	03/16/21 13:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 11:27	03/16/21 13:28	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 11:27	03/16/21 13:28	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 11:27	03/16/21 13:28	87-86-5	v2
Phenanthrene	2.9J	ug/L	10.0	2.0	1	03/14/21 11:27	03/16/21 13:28	85-01-8	
Phenol	8.0J	ug/L	10.0	1.4	1	03/14/21 11:27	03/16/21 13:28	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 11:27	03/16/21 13:28	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 11:27	03/16/21 13:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 11:27	03/16/21 13:28	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/14/21 11:27	03/16/21 13:28	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	03/14/21 11:27	03/16/21 13:28	321-60-8	
Terphenyl-d14 (S)	130	%	34-163		1	03/14/21 11:27	03/16/21 13:28	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/14/21 11:27	03/16/21 13:28	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/14/21 11:27	03/16/21 13:28	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-144		1	03/14/21 11:27	03/16/21 13:28	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 20:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	5	%	67-170		1	03/15/21 12:08	03/15/21 20:42	4165-60-0	S2
2-Fluorobiphenyl (S)	109	%	61-163		1	03/15/21 12:08	03/15/21 20:42	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/15/21 12:08	03/15/21 20:42	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	125	25.6	5		03/18/21 19:57	67-64-1	
Benzene	517	ug/L	5.0	1.7	5		03/18/21 19:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/18/21 19:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/18/21 19:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/18/21 19:57	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/18/21 19:57	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/18/21 19:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/18/21 19:57	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/18/21 19:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/18/21 19:57	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/18/21 19:57	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-2TZ_WG_20210310 Lab ID: 92527376001 Collected: 03/10/21 10:41 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	25.0	7.8	5		03/18/21 19:57	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/18/21 19:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/18/21 19:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/18/21 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/18/21 19:57	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/18/21 19:57	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/18/21 19:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/18/21 19:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/18/21 19:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/18/21 19:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/18/21 19:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/18/21 19:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/18/21 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/18/21 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/18/21 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/18/21 19:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/18/21 19:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/18/21 19:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/18/21 19:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/18/21 19:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/18/21 19:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/18/21 19:57	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/18/21 19:57	108-20-3	
Ethylbenzene	47.4	ug/L	5.0	1.5	5		03/18/21 19:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/18/21 19:57	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/18/21 19:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/18/21 19:57	99-87-6	
Methylene Chloride	ND	ug/L	25.0	9.8	5		03/18/21 19:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/18/21 19:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/18/21 19:57	1634-04-4	
Naphthalene	732	ug/L	5.0	3.2	5		03/18/21 19:57	91-20-3	
Styrene	ND	ug/L	5.0	1.5	5		03/18/21 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/18/21 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/18/21 19:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/18/21 19:57	127-18-4	
Toluene	ND	ug/L	5.0	2.4	5		03/18/21 19:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/18/21 19:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/18/21 19:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/18/21 19:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/18/21 19:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/18/21 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/18/21 19:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/18/21 19:57	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/18/21 19:57	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/18/21 19:57	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-2TZ_WG_20210310 **Lab ID: 92527376001** Collected: 03/10/21 10:41 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	10.4	ug/L	5.0	1.7	5		03/18/21 19:57	1330-20-7	
m&p-Xylene	8.4J	ug/L	10.0	3.5	5		03/18/21 19:57	179601-23-1	
o-Xylene	2.0J	ug/L	5.0	1.7	5		03/18/21 19:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		5		03/18/21 19:57	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		5		03/18/21 19:57	17060-07-0	
Toluene-d8 (S)	99	%	70-130		5		03/18/21 19:57	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-2BR_WG_20210310 **Lab ID:** 92527376002 **Collected:** 03/10/21 11:00 **Received:** 03/12/21 08:00 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	48.4	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	83-32-9	
Acenaphthylene	4.6J	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 17:27	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 17:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 17:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 17:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 17:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 17:27	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 17:27	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 17:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 17:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 17:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 17:27	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 17:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 17:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 17:27	111-44-4	
2-Chloronaphthalene	2.0J	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 17:27	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 17:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 17:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 17:27	53-70-3	
Dibenzofuran	2.2J	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 17:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 17:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 17:27	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 17:27	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 17:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 17:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 17:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 17:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 17:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 17:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 17:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 17:27	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 17:27	206-44-0	
Fluorene	7.5J	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 17:27	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 17:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 17:27	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 17:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 17:27	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 17:27	78-59-1	
1-Methylnaphthalene	101	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	90-12-0	R1
2-Methylnaphthalene	8.4J	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 17:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 17:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 17:27	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-2BR_WG_20210310 Lab ID: 92527376002 Collected: 03/10/21 11:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 17:27	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 17:27	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 17:27	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 17:27	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 17:27	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 17:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 17:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 17:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 17:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 17:27	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 17:27	87-86-5	
Phenanthrene	4.3J	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 17:27	85-01-8	
Phenol	2.2J	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 17:27	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 17:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 17:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 17:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	03/14/21 13:09	03/16/21 17:27	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/14/21 13:09	03/16/21 17:27	321-60-8	
Terphenyl-d14 (S)	128	%	34-163		1	03/14/21 13:09	03/16/21 17:27	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	03/14/21 13:09	03/16/21 17:27	13127-88-3	
2-Fluorophenol (S)	43	%	10-130		1	03/14/21 13:09	03/16/21 17:27	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	03/14/21 13:09	03/16/21 17:27	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 21:47	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	5	%	67-170		1	03/15/21 12:08	03/15/21 21:47	4165-60-0	S5
2-Fluorobiphenyl (S)	122	%	61-163		1	03/15/21 12:08	03/15/21 21:47	321-60-8	
Terphenyl-d14 (S)	129	%	62-169		1	03/15/21 12:08	03/15/21 21:47	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	250	51.1	10		03/17/21 19:19	67-64-1	
Benzene	1250	ug/L	10.0	3.4	10		03/17/21 19:19	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		03/17/21 19:19	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		03/17/21 19:19	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		03/17/21 19:19	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		03/17/21 19:19	75-25-2	
Bromomethane	ND	ug/L	20.0	16.6	10		03/17/21 19:19	74-83-9	IK
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		03/17/21 19:19	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		03/17/21 19:19	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		03/17/21 19:19	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		03/17/21 19:19	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-2BR_WG_20210310 **Lab ID:** 92527376002 Collected: 03/10/21 11:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	44.0	ug/L	10.0	3.4	10		03/17/21 19:19	1330-20-7	
m&p-Xylene	15.9J	ug/L	20.0	7.1	10		03/17/21 19:19	179601-23-1	
o-Xylene	28.1	ug/L	10.0	3.4	10		03/17/21 19:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		10		03/17/21 19:19	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		10		03/17/21 19:19	17060-07-0	
Toluene-d8 (S)	109	%	70-130		10		03/17/21 19:19	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-30S_WG_20210310 **Lab ID: 92527376003** Collected: 03/10/21 15:12 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 19:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 19:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 19:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 19:35	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/13/21 19:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 19:35	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-30TZ_WG_20210310 Lab ID: 92527376004 Collected: 03/10/21 14:42 Received: 03/12/21 08:00 Matrix: Water

Table with 10 columns: Parameters, Results, Units, Report Limit, MDL, DF, Prepared, Analyzed, CAS No., Qual. Includes sections for 8270E RVE, 8270E Low Volume PAH SIM, and 8260 MSV Low Level SC.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-30TZ_WG_20210310 Lab ID: 92527376004 Collected: 03/10/21 14:42 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	03/13/21 19:17	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	03/13/21 19:17	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/13/21 19:17	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/13/21 19:17	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	03/13/21 19:17	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	03/13/21 19:17	124-48-1		
Dibromomethane	ND	ug/L	1.0	0.39	1	03/13/21 19:17	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/13/21 19:17	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/13/21 19:17	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	03/13/21 19:17	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	03/13/21 19:17	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	03/13/21 19:17	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	03/13/21 19:17	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	03/13/21 19:17	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	03/13/21 19:17	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	03/13/21 19:17	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	03/13/21 19:17	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	03/13/21 19:17	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	03/13/21 19:17	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	03/13/21 19:17	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/13/21 19:17	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/13/21 19:17	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	0.31	1	03/13/21 19:17	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	03/13/21 19:17	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	03/13/21 19:17	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	03/13/21 19:17	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	03/13/21 19:17	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	03/13/21 19:17	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	03/13/21 19:17	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	03/13/21 19:17	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	03/13/21 19:17	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	03/13/21 19:17	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	03/13/21 19:17	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	03/13/21 19:17	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	03/13/21 19:17	127-18-4		
Toluene	ND	ug/L	1.0	0.48	1	03/13/21 19:17	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	03/13/21 19:17	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	03/13/21 19:17	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	03/13/21 19:17	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	03/13/21 19:17	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.38	1	03/13/21 19:17	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	03/13/21 19:17	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	03/13/21 19:17	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1.3	1	03/13/21 19:17	108-05-4		
Vinyl chloride	ND	ug/L	1.0	0.39	1	03/13/21 19:17	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-30TZ_WG_20210310 **Lab ID: 92527376004** Collected: 03/10/21 14:42 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 19:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 19:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 19:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/13/21 19:17	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/13/21 19:17	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/13/21 19:17	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-31S_WG_20210310 Lab ID: 92527376005 Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 19:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 19:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 19:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 19:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 19:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 19:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 19:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 19:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 19:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 19:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	03/14/21 13:09	03/16/21 19:34	4165-60-0	
2-Fluorobiphenyl (S)	64	%	10-130		1	03/14/21 13:09	03/16/21 19:34	321-60-8	
Terphenyl-d14 (S)	136	%	34-163		1	03/14/21 13:09	03/16/21 19:34	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/14/21 13:09	03/16/21 19:34	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/14/21 13:09	03/16/21 19:34	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-144		1	03/14/21 13:09	03/16/21 19:34	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 22:52	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	110	%	67-170		1	03/15/21 12:08	03/15/21 22:52	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	03/15/21 12:08	03/15/21 22:52	321-60-8	
Terphenyl-d14 (S)	112	%	62-169		1	03/15/21 12:08	03/15/21 22:52	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 19:00	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 19:00	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 19:00	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 19:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 19:00	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 19:00	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 19:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 19:00	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 19:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 19:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 19:00	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31S_WG_20210310 Lab ID: 92527376005 Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D						
			Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 19:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 19:00	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 19:00	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 19:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 19:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 19:00	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 19:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 19:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 19:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 19:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 19:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 19:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 19:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 19:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 19:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 19:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 19:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 19:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 19:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 19:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 19:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 19:00	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 19:00	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 19:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 19:00	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 19:00	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 19:00	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 19:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 19:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 19:00	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 19:00	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 19:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 19:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 19:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 19:00	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 19:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 19:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 19:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 19:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 19:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 19:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 19:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 19:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 19:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 19:00	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31S_WG_20210310 **Lab ID: 92527376005** Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 19:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 19:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 19:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 19:00	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/13/21 19:00	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/13/21 19:00	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31TZ_WG_20210310 **Lab ID:** 92527376006 Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	16200	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 17:52	7439-89-6	M1
Manganese	4840	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 17:52	7439-96-5	M1
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	6570	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 01:53	7439-89-6	
Manganese, Dissolved	4700	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 01:53	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 19:59	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 19:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 19:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 19:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 19:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 19:59	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 19:59	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 19:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 19:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 19:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 19:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 19:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 19:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 19:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 19:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 19:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 19:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 19:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 19:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:59	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 19:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 19:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 19:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 19:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 19:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 19:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 19:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 19:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 19:59	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 19:59	206-44-0	

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**ANALYTICAL RESULTS**

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31TZ_WG_20210310 **Lab ID: 92527376006** Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 19:59	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 19:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 19:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 19:59	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 19:59	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 19:59	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 19:59	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 19:59	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 19:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 19:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 19:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 19:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 19:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 19:59	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 19:59	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 19:59	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:59	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 19:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 19:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 19:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	03/14/21 13:09	03/16/21 19:59	4165-60-0	
2-Fluorobiphenyl (S)	76	%	10-130		1	03/14/21 13:09	03/16/21 19:59	321-60-8	
Terphenyl-d14 (S)	140	%	34-163		1	03/14/21 13:09	03/16/21 19:59	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/14/21 13:09	03/16/21 19:59	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/14/21 13:09	03/16/21 19:59	367-12-4	
2,4,6-Tribromophenol (S)	120	%	10-144		1	03/14/21 13:09	03/16/21 19:59	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 23:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	126	%	67-170		1	03/15/21 12:08	03/15/21 23:13	4165-60-0	
2-Fluorobiphenyl (S)	130	%	61-163		1	03/15/21 12:08	03/15/21 23:13	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/15/21 12:08	03/15/21 23:13	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 18:42	67-64-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31TZ_WG_20210310 Lab ID: 92527376006 Collected: 03/10/21 13:33 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	0.40J	ug/L	1.0	0.34	1		03/13/21 18:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 18:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 18:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 18:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 18:42	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 18:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 18:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 18:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 18:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 18:42	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 18:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 18:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 18:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 18:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 18:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 18:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 18:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 18:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 18:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 18:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 18:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 18:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 18:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 18:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 18:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 18:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 18:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 18:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 18:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 18:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 18:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 18:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 18:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 18:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 18:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 18:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 18:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 18:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 18:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 18:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 18:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 18:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 18:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 18:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 18:42	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-31TZ_WG_20210310 **Lab ID:** 92527376006 **Collected:** 03/10/21 13:33 **Received:** 03/12/21 08:00 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 18:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 18:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 18:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 18:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 18:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 18:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 18:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 18:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 18:42	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 18:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 18:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 18:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 18:42	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/13/21 18:42	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 18:42	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:52	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Bromide	0.090J	mg/L	0.10	0.060	1		03/16/21 07:30	24959-67-9	
Chloride	11.0	mg/L	1.0	0.60	1		03/16/21 07:30	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		03/16/21 07:30	16984-48-8	
Sulfate	10.3	mg/L	1.0	0.50	1		03/16/21 07:30	14808-79-8	
Total Organic Carbon, Asheville									
Analytical Method: EPA 9060A									
Pace Analytical Services - Asheville									
Total Organic Carbon	3.1	mg/L	1.0	0.50	1		03/18/21 19:33	7440-44-0	
Total Organic Carbon	2.3	mg/L	1.0	0.50	1		03/18/21 19:33	7440-44-0	
Total Organic Carbon	2.1	mg/L	1.0	0.50	1		03/18/21 19:33	7440-44-0	
Total Organic Carbon	2.2	mg/L	1.0	0.50	1		03/18/21 19:33	7440-44-0	
Mean Total Organic Carbon	2.4	mg/L	1.0	0.50	1		03/18/21 19:33	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-44BR_WG_20210310 Lab ID: 92527376007 Collected: 03/10/21 11:16 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Iron	494	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:05	7439-89-6	
Manganese	19.4	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:05	7439-96-5	
6010 MET ICP, Dissolved Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Iron, Dissolved	384	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:06	7439-89-6	
Manganese, Dissolved	21.4	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:06	7439-96-5	
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:25	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 20:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 20:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 20:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 20:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 20:25	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 20:25	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 20:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 20:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 20:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 20:25	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 20:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 20:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:25	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 20:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 20:25	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 20:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:25	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:25	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 20:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 20:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 20:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 20:25	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:25	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: **MW-44BR_WG_20210310** Lab ID: **92527376007** Collected: 03/10/21 11:16 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:25	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:25	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 20:25	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:25	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 20:25	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 20:25	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 20:25	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:25	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:25	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 20:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 20:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 20:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:25	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 20:25	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:25	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:25	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	96	%	10-144		1	03/14/21 13:09	03/16/21 20:25	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/14/21 13:09	03/16/21 20:25	321-60-8	
Terphenyl-d14 (S)	145	%	34-163		1	03/14/21 13:09	03/16/21 20:25	1718-51-0	
Phenol-d6 (S)	59	%	10-130		1	03/14/21 13:09	03/16/21 20:25	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	03/14/21 13:09	03/16/21 20:25	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/14/21 13:09	03/16/21 20:25	118-79-6	
8270E Low Volume PAH SIM Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 23:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	03/15/21 12:08	03/15/21 23:35	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-163		1	03/15/21 12:08	03/15/21 23:35	321-60-8	
Terphenyl-d14 (S)	94	%	62-169		1	03/15/21 12:08	03/15/21 23:35	1718-51-0	
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 18:24	67-64-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-44BR_WG_20210310 Lab ID: 92527376007 Collected: 03/10/21 11:16 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 18:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 18:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 18:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 18:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 18:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 18:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 18:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 18:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 18:24	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 18:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 18:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 18:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/13/21 18:24	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		03/13/21 18:24	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/13/21 18:24	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:52	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Bromide	ND	mg/L	0.10	0.060	1		03/16/21 07:45	24959-67-9	
Chloride	1.0	mg/L	1.0	0.60	1		03/16/21 07:45	16887-00-6	
Fluoride	0.11	mg/L	0.10	0.050	1		03/16/21 07:45	16984-48-8	
Sulfate	1.7	mg/L	1.0	0.50	1		03/16/21 07:45	14808-79-8	
Total Organic Carbon,Asheville									
Analytical Method: EPA 9060A									
Pace Analytical Services - Asheville									
Total Organic Carbon	1.9	mg/L	1.0	0.50	1		03/18/21 19:50	7440-44-0	
Total Organic Carbon	1.8	mg/L	1.0	0.50	1		03/18/21 19:50	7440-44-0	
Total Organic Carbon	1.7	mg/L	1.0	0.50	1		03/18/21 19:50	7440-44-0	
Total Organic Carbon	1.8	mg/L	1.0	0.50	1		03/18/21 19:50	7440-44-0	
Mean Total Organic Carbon	1.8	mg/L	1.0	0.50	1		03/18/21 19:50	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32S_WG_20210310 Lab ID: 92527376008 Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:50	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 20:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 20:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 20:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 20:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 20:50	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 20:50	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 20:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 20:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 20:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 20:50	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 20:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 20:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:50	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 20:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 20:50	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 20:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:50	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:50	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 20:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 20:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 20:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 20:50	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:50	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 20:50	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:50	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 20:50	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 20:50	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:50	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32S_WG_20210310 **Lab ID:** 92527376008 Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 20:50	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 20:50	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 20:50	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:50	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:50	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 20:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 20:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 20:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 20:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 20:50	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 20:50	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 20:50	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:50	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 20:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 20:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 20:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-144		1	03/14/21 13:09	03/16/21 20:50	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/14/21 13:09	03/16/21 20:50	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	03/14/21 13:09	03/16/21 20:50	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/14/21 13:09	03/16/21 20:50	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	03/14/21 13:09	03/16/21 20:50	367-12-4	
2,4,6-Tribromophenol (S)	90	%	10-144		1	03/14/21 13:09	03/16/21 20:50	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/15/21 23:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/15/21 12:08	03/15/21 23:57	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/15/21 12:08	03/15/21 23:57	321-60-8	
Terphenyl-d14 (S)	117	%	62-169		1	03/15/21 12:08	03/15/21 23:57	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 18:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 18:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 18:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 18:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 18:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 18:06	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 18:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 18:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 18:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 18:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 18:06	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-32S_WG_20210310 Lab ID: 92527376008 Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 18:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 18:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 18:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 18:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 18:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 18:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 18:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 18:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 18:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 18:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 18:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 18:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 18:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 18:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 18:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 18:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 18:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 18:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 18:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 18:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 18:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 18:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 18:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 18:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 18:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 18:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 18:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 18:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 18:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 18:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 18:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 18:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 18:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 18:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 18:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 18:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 18:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 18:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 18:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 18:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 18:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 18:06	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32S_WG_20210310 **Lab ID: 92527376008** Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 18:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 18:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 18:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 18:06	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/13/21 18:06	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/13/21 18:06	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32TZ_WG_20210310 Lab ID: 92527376009 Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:15	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 21:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 21:15	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 21:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 21:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 21:15	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 21:15	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 21:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 21:15	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 21:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 21:15	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 21:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 21:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:15	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:15	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 21:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 21:15	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 21:15	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:15	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:15	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:15	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 21:15	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 21:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:15	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 21:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 21:15	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:15	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:15	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:15	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 21:15	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:15	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:15	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32TZ_WG_20210310 Lab ID: 92527376009 Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 21:15	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 21:15	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 21:15	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:15	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:15	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 21:15	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 21:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 21:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:15	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 21:15	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:15	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:15	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:15	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	03/14/21 13:09	03/16/21 21:15	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/14/21 13:09	03/16/21 21:15	321-60-8	
Terphenyl-d14 (S)	152	%	34-163		1	03/14/21 13:09	03/16/21 21:15	1718-51-0	
Phenol-d6 (S)	49	%	10-130		1	03/14/21 13:09	03/16/21 21:15	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/14/21 13:09	03/16/21 21:15	367-12-4	
2,4,6-Tribromophenol (S)	114	%	10-144		1	03/14/21 13:09	03/16/21 21:15	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/17/21 11:36	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	141	%	67-170		1	03/15/21 12:08	03/17/21 11:36	4165-60-0	
2-Fluorobiphenyl (S)	134	%	61-163		1	03/15/21 12:08	03/17/21 11:36	321-60-8	
Terphenyl-d14 (S)	135	%	62-169		1	03/15/21 12:08	03/17/21 11:36	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 17:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 17:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 17:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 17:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 17:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 17:48	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 17:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 17:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 17:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 17:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 17:48	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32TZ_WG_20210310 **Lab ID: 92527376009** Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 17:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 17:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 17:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 17:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 17:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 17:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 17:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 17:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 17:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 17:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 17:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 17:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 17:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 17:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 17:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 17:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 17:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 17:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 17:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 17:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 17:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 17:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 17:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 17:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 17:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 17:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 17:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 17:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 17:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 17:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 17:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 17:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 17:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 17:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 17:48	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-32TZ_WG_20210310 **Lab ID: 92527376009** Collected: 03/10/21 14:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 17:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 17:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 17:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/13/21 17:48	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/13/21 17:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/13/21 17:48	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33S_WG_20210310 Lab ID: 92527376010 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:41	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 21:41	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 21:41	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 21:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 21:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 21:41	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 21:41	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 21:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 21:41	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 21:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 21:41	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 21:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 21:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:41	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:41	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 21:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 21:41	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:41	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 21:41	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:41	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:41	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:41	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 21:41	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 21:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:41	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 21:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 21:41	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:41	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 21:41	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:41	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 21:41	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 21:41	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:41	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33S_WG_20210310 **Lab ID:** 92527376010 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 21:41	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 21:41	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 21:41	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:41	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:41	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 21:41	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 21:41	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 21:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 21:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 21:41	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 21:41	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 21:41	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:41	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 21:41	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 21:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 21:41	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	74	%	10-144		1	03/14/21 13:09	03/16/21 21:41	4165-60-0	
2-Fluorobiphenyl (S)	44	%	10-130		1	03/14/21 13:09	03/16/21 21:41	321-60-8	
Terphenyl-d14 (S)	134	%	34-163		1	03/14/21 13:09	03/16/21 21:41	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	03/14/21 13:09	03/16/21 21:41	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	03/14/21 13:09	03/16/21 21:41	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-144		1	03/14/21 13:09	03/16/21 21:41	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/16/21 00:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	113	%	67-170		1	03/15/21 12:08	03/16/21 00:40	4165-60-0	
2-Fluorobiphenyl (S)	119	%	61-163		1	03/15/21 12:08	03/16/21 00:40	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/15/21 12:08	03/16/21 00:40	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 17:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 17:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 17:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 17:30	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 17:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 17:30	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33S_WG_20210310 Lab ID: 92527376010 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 17:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 17:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 17:30	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 17:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 17:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 17:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 17:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 17:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 17:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 17:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 17:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 17:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 17:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 17:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 17:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 17:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 17:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 17:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 17:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 17:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 17:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 17:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 17:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 17:30	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33S_WG_20210310 **Lab ID: 92527376010** Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 17:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/13/21 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/13/21 17:30	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/13/21 17:30	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33TZ_WG_20210310 Lab ID: 92527376011 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:06	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 22:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 22:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:06	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 22:06	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 22:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 22:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 22:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 22:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:06	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:06	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 22:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:06	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:06	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 22:06	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 22:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 22:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 22:06	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:06	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:06	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 22:06	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:06	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:06	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-33TZ_WG_20210310 **Lab ID:** 92527376011 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 22:06	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 22:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:06	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 22:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 22:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:06	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:06	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:06	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:06	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-144		1	03/14/21 13:09	03/16/21 22:06	4165-60-0	
2-Fluorobiphenyl (S)	41	%	10-130		1	03/14/21 13:09	03/16/21 22:06	321-60-8	
Terphenyl-d14 (S)	156	%	34-163		1	03/14/21 13:09	03/16/21 22:06	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	03/14/21 13:09	03/16/21 22:06	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/14/21 13:09	03/16/21 22:06	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/14/21 13:09	03/16/21 22:06	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/16/21 01:01	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	115	%	67-170		1	03/15/21 12:08	03/16/21 01:01	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/15/21 12:08	03/16/21 01:01	321-60-8	
Terphenyl-d14 (S)	119	%	62-169		1	03/15/21 12:08	03/16/21 01:01	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 17:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 17:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 17:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 17:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 17:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 17:13	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 17:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 17:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 17:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 17:13	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33TZ_WG_20210310 Lab ID: 92527376011 Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 17:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 17:13	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 17:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 17:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 17:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 17:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 17:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 17:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 17:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 17:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 17:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 17:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 17:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 17:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 17:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 17:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 17:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 17:13	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-33TZ_WG_20210310 **Lab ID: 92527376011** Collected: 03/10/21 12:23 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 17:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 17:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 17:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 17:13	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/13/21 17:13	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/13/21 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-44TZ_WG_20210310 Lab ID: 92527376012 Collected: 03/10/21 11:37 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:31	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 22:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 22:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:31	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 22:31	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 22:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 22:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 22:31	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 22:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:31	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:31	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 22:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:31	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:31	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 22:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 22:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 22:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 22:31	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:31	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:31	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:31	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 22:31	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:31	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:31	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-44TZ_WG_20210310 Lab ID: 92527376012 Collected: 03/10/21 11:37 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 22:31	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:31	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 22:31	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:31	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:31	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 22:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 22:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:31	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:31	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:31	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:31	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:31	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	10-144		1	03/14/21 13:09	03/16/21 22:31	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	03/14/21 13:09	03/16/21 22:31	321-60-8	
Terphenyl-d14 (S)	151	%	34-163		1	03/14/21 13:09	03/16/21 22:31	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/14/21 13:09	03/16/21 22:31	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	03/14/21 13:09	03/16/21 22:31	367-12-4	
2,4,6-Tribromophenol (S)	121	%	10-144		1	03/14/21 13:09	03/16/21 22:31	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/16/21 01:23	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/15/21 12:08	03/16/21 01:23	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/15/21 12:08	03/16/21 01:23	321-60-8	
Terphenyl-d14 (S)	117	%	62-169		1	03/15/21 12:08	03/16/21 01:23	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 16:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 16:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 16:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 16:55	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 16:55	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 16:55	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-44TZ_WG_20210310 Lab ID: 92527376012 Collected: 03/10/21 11:37 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 16:55	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 16:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 16:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 16:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 16:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 16:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 16:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 16:55	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 16:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 16:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 16:55	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-44TZ_WG_20210310 **Lab ID: 92527376012** Collected: 03/10/21 11:37 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 16:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/13/21 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/13/21 16:55	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 16:55	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48TZ_WG_20210310 **Lab ID: 92527376013** Collected: 03/10/21 13:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:57	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 22:57	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:57	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 22:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 22:57	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 22:57	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 22:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 22:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 22:57	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 22:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 22:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:57	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:57	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 22:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:57	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:57	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 22:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:57	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:57	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 22:57	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 22:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 22:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 22:57	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:57	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 22:57	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:57	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 22:57	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 22:57	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:57	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: MW-48TZ_WG_20210310 **Lab ID: 92527376013** Collected: 03/10/21 13:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 22:57	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:57	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 22:57	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:57	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:57	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 22:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 22:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 22:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 22:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 22:57	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 22:57	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 22:57	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:57	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 22:57	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 22:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 22:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	03/14/21 13:09	03/16/21 22:57	4165-60-0	
2-Fluorobiphenyl (S)	52	%	10-130		1	03/14/21 13:09	03/16/21 22:57	321-60-8	
Terphenyl-d14 (S)	134	%	34-163		1	03/14/21 13:09	03/16/21 22:57	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/14/21 13:09	03/16/21 22:57	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/14/21 13:09	03/16/21 22:57	367-12-4	
2,4,6-Tribromophenol (S)	112	%	10-144		1	03/14/21 13:09	03/16/21 22:57	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/17/21 11:57	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	149	%	67-170		1	03/15/21 12:08	03/17/21 11:57	4165-60-0	
2-Fluorobiphenyl (S)	125	%	61-163		1	03/15/21 12:08	03/17/21 11:57	321-60-8	
Terphenyl-d14 (S)	129	%	62-169		1	03/15/21 12:08	03/17/21 11:57	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 16:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 16:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 16:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 16:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 16:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 16:37	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 16:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 16:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 16:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 16:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 16:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48TZ_WG_20210310 Lab ID: 92527376013 Collected: 03/10/21 13:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 16:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 16:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 16:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 16:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 16:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 16:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 16:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 16:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 16:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 16:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 16:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 16:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 16:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 16:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 16:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 16:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 16:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 16:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 16:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 16:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 16:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 16:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 16:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 16:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 16:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 16:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 16:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 16:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 16:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 16:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 16:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 16:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 16:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 16:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 16:37	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48TZ_WG_20210310 **Lab ID: 92527376013** Collected: 03/10/21 13:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 16:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 16:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 16:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/13/21 16:37	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/13/21 16:37	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 16:37	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48S_WG_20210310 **Lab ID: 92527376014** Collected: 03/10/21 13:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 23:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 23:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 23:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 23:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 23:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 23:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 23:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 23:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 23:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 23:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	83	%	10-144		1	03/14/21 13:09	03/16/21 23:22	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/14/21 13:09	03/16/21 23:22	321-60-8	
Terphenyl-d14 (S)	152	%	34-163		1	03/14/21 13:09	03/16/21 23:22	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/14/21 13:09	03/16/21 23:22	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/14/21 13:09	03/16/21 23:22	367-12-4	
2,4,6-Tribromophenol (S)	129	%	10-144		1	03/14/21 13:09	03/16/21 23:22	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/17/21 12:19	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	136	%	67-170		1	03/15/21 12:08	03/17/21 12:19	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	03/15/21 12:08	03/17/21 12:19	321-60-8	
Terphenyl-d14 (S)	126	%	62-169		1	03/15/21 12:08	03/17/21 12:19	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 16:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 16:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 16:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 16:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 16:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 16:19	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 16:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 16:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 16:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 16:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 16:19	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48S_WG_20210310 Lab ID: 92527376014 Collected: 03/10/21 13:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 16:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 16:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 16:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 16:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 16:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 16:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 16:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 16:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 16:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 16:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 16:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 16:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 16:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 16:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 16:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 16:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 16:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 16:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 16:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 16:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 16:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 16:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 16:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 16:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 16:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 16:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 16:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 16:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 16:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 16:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 16:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 16:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 16:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 16:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 16:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 16:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 16:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 16:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 16:19	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: MW-48S_WG_20210310 **Lab ID: 92527376014** Collected: 03/10/21 13:40 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 16:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 16:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 16:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/13/21 16:19	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/13/21 16:19	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 16:19	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: FB-01_WG_20210311 **Lab ID:** 92527376015 **Collected:** 03/11/21 08:30 **Received:** 03/12/21 08:00 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 23:47	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/14/21 13:09	03/16/21 23:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 23:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/14/21 13:09	03/16/21 23:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 23:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/14/21 13:09	03/16/21 23:47	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/14/21 13:09	03/16/21 23:47	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/14/21 13:09	03/16/21 23:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 23:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/14/21 13:09	03/16/21 23:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/14/21 13:09	03/16/21 23:47	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/14/21 13:09	03/16/21 23:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/14/21 13:09	03/16/21 23:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 23:47	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 23:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/14/21 13:09	03/16/21 23:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 23:47	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 23:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/14/21 13:09	03/16/21 23:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:47	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 23:47	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 23:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 23:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/14/21 13:09	03/16/21 23:47	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/14/21 13:09	03/16/21 23:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 23:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 23:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/14/21 13:09	03/16/21 23:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/14/21 13:09	03/16/21 23:47	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 23:47	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/14/21 13:09	03/16/21 23:47	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 23:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 23:47	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/14/21 13:09	03/16/21 23:47	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/14/21 13:09	03/16/21 23:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 23:47	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: FB-01_WG_20210311 **Lab ID:** 92527376015 Collected: 03/11/21 08:30 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/14/21 13:09	03/16/21 23:47	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 23:47	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/14/21 13:09	03/16/21 23:47	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:47	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:47	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/14/21 13:09	03/16/21 23:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/14/21 13:09	03/16/21 23:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/14/21 13:09	03/16/21 23:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/14/21 13:09	03/16/21 23:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/14/21 13:09	03/16/21 23:47	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/14/21 13:09	03/16/21 23:47	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/14/21 13:09	03/16/21 23:47	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:47	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/14/21 13:09	03/16/21 23:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/14/21 13:09	03/16/21 23:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/14/21 13:09	03/16/21 23:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	03/14/21 13:09	03/16/21 23:47	4165-60-0	
2-Fluorobiphenyl (S)	35	%	10-130		1	03/14/21 13:09	03/16/21 23:47	321-60-8	
Terphenyl-d14 (S)	149	%	34-163		1	03/14/21 13:09	03/16/21 23:47	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/14/21 13:09	03/16/21 23:47	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/14/21 13:09	03/16/21 23:47	367-12-4	
2,4,6-Tribromophenol (S)	126	%	10-144		1	03/14/21 13:09	03/16/21 23:47	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/15/21 12:08	03/17/21 12:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	143	%	67-170		1	03/15/21 12:08	03/17/21 12:40	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/15/21 12:08	03/17/21 12:40	321-60-8	
Terphenyl-d14 (S)	132	%	62-169		1	03/15/21 12:08	03/17/21 12:40	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 15:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 15:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 15:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 15:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 15:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 15:26	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 15:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 15:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 15:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 15:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 15:26	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: **FB-01_WG_20210311** Lab ID: **92527376015** Collected: 03/11/21 08:30 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 15:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 15:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 15:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 15:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 15:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 15:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 15:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 15:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 15:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 15:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 15:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 15:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 15:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 15:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 15:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 15:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 15:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 15:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 15:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 15:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 15:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 15:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 15:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 15:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 15:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 15:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 15:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 15:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 15:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 15:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 15:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 15:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 15:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 15:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 15:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 15:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 15:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 15:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 15:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 15:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 15:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 15:26	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: FB-01_WG_20210311 **Lab ID: 92527376015** Collected: 03/11/21 08:30 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 15:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 15:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 15:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/13/21 15:26	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/13/21 15:26	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/13/21 15:26	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: TB-01_WG_20210310 Lab ID: 92527376016 Collected: 03/11/21 00:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 15:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 15:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 15:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 15:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 15:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 15:08	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 15:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 15:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 15:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 15:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 15:08	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 15:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 15:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 15:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 15:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 15:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 15:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 15:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 15:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 15:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 15:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 15:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 15:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 15:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 15:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 15:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 15:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 15:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 15:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 15:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 15:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 15:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 15:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 15:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 15:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 15:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 15:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 15:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 15:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 15:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 15:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 15:08	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: TB-01_WG_20210310 **Lab ID:** 92527376016 Collected: 03/11/21 00:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 15:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 15:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 15:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 15:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 15:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 15:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 15:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 15:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 15:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 15:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 15:08	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 15:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 15:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 15:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/13/21 15:08	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/13/21 15:08	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/13/21 15:08	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Sample: **TB-02_WG_20210310** Lab ID: **92527376017** Collected: 03/11/21 00:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/13/21 14:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/13/21 14:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/13/21 14:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/13/21 14:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/13/21 14:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/13/21 14:50	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/13/21 14:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/13/21 14:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/13/21 14:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/13/21 14:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/13/21 14:50	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/13/21 14:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/13/21 14:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 14:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/13/21 14:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/13/21 14:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/13/21 14:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/13/21 14:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 14:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/13/21 14:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/13/21 14:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/13/21 14:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/13/21 14:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 14:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/13/21 14:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 14:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/13/21 14:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/13/21 14:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/13/21 14:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/13/21 14:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/13/21 14:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 14:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/13/21 14:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/13/21 14:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/13/21 14:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/13/21 14:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/13/21 14:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/13/21 14:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/13/21 14:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/13/21 14:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/13/21 14:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/13/21 14:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/13/21 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/13/21 14:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/13/21 14:50	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Sample: **TB-02_WG_20210310** Lab ID: **92527376017** Collected: 03/11/21 00:00 Received: 03/12/21 08:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/13/21 14:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/13/21 14:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/13/21 14:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/13/21 14:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/13/21 14:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/13/21 14:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/13/21 14:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/13/21 14:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/13/21 14:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/13/21 14:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/13/21 14:50	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/13/21 14:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/13/21 14:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/13/21 14:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/13/21 14:50	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/13/21 14:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/13/21 14:50	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 607050 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527376006, 92527376007

METHOD BLANK: 3198347 Matrix: Water
Associated Lab Samples: 92527376006, 92527376007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/18/21 17:46	
Manganese	ug/L	ND	5.0	3.4	03/18/21 17:46	

LABORATORY CONTROL SAMPLE: 3198348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4950	99	80-120	
Manganese	ug/L	500	464	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198349 3198350

Parameter	Units	92527376006		3198350		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron	ug/L	16200	5000	5000	14600	12600	-31	-72	75-125	15	20 M1
Manganese	ug/L	4840	500	500	5200	5210	72	73	75-125	0	20 M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 606875 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527376006, 92527376007

METHOD BLANK: 3197241 Matrix: Water

Associated Lab Samples: 92527376006, 92527376007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/17/21 01:40	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/17/21 01:40	

LABORATORY CONTROL SAMPLE: 3197242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4600	92	80-120	
Manganese, Dissolved	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197243 3197244

Parameter	Units	92527376006		3197244		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron, Dissolved	ug/L	6570	5000	5000	10900	87	89	75-125	1	20	
Manganese, Dissolved	ug/L	4700	500	500	5090	78	82	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

METHOD BLANK: 3194727

Matrix: Water

Associated Lab Samples: 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015, 92527376016, 92527376017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/13/21 13:21	
Dibromomethane	ug/L	ND	1.0	0.39	03/13/21 13:21	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/13/21 13:21	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/13/21 13:21	
Ethylbenzene	ug/L	ND	1.0	0.30	03/13/21 13:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/13/21 13:21	
m&p-Xylene	ug/L	ND	2.0	0.71	03/13/21 13:21	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/13/21 13:21	
Methylene Chloride	ug/L	ND	5.0	2.0	03/13/21 13:21	
Naphthalene	ug/L	ND	1.0	0.64	03/13/21 13:21	
o-Xylene	ug/L	ND	1.0	0.34	03/13/21 13:21	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/13/21 13:21	
Styrene	ug/L	ND	1.0	0.29	03/13/21 13:21	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/13/21 13:21	
Toluene	ug/L	ND	1.0	0.48	03/13/21 13:21	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/13/21 13:21	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/13/21 13:21	
Trichloroethene	ug/L	ND	1.0	0.38	03/13/21 13:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/13/21 13:21	
Vinyl acetate	ug/L	ND	2.0	1.3	03/13/21 13:21	
Vinyl chloride	ug/L	ND	1.0	0.39	03/13/21 13:21	
Xylene (Total)	ug/L	ND	1.0	0.34	03/13/21 13:21	
1,2-Dichloroethane-d4 (S)	%	97	70-130		03/13/21 13:21	
4-Bromofluorobenzene (S)	%	101	70-130		03/13/21 13:21	
Toluene-d8 (S)	%	99	70-130		03/13/21 13:21	

LABORATORY CONTROL SAMPLE: 3194728

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	56.2	112	70-130	
1,1,1-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	55.9	112	70-130	
1,1,2-Trichloroethane	ug/L	50	53.4	107	70-130	
1,1-Dichloroethane	ug/L	50	47.9	96	70-130	
1,1-Dichloroethene	ug/L	50	50.7	101	70-130	
1,1-Dichloropropene	ug/L	50	50.3	101	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.3	111	70-130	
1,2,3-Trichloropropane	ug/L	50	56.2	112	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.7	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.7	111	70-130	
1,2-Dichlorobenzene	ug/L	50	53.3	107	70-130	
1,2-Dichloroethane	ug/L	50	49.2	98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3194728

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,3-Dichloropropane	ug/L	50	54.0	108	70-130	
1,4-Dichlorobenzene	ug/L	50	50.6	101	70-130	
2,2-Dichloropropane	ug/L	50	50.5	101	70-130	
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	51.4	103	70-130	
2-Hexanone	ug/L	100	115	115	70-130	
4-Chlorotoluene	ug/L	50	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	50.1	100	70-130	
Bromobenzene	ug/L	50	49.2	98	70-130	
Bromochloromethane	ug/L	50	50.5	101	70-130	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	47.3	95	70-130 IK	
Bromomethane	ug/L	50	46.1	92	70-130	
Carbon tetrachloride	ug/L	50	55.1	110	70-130	
Chlorobenzene	ug/L	50	53.4	107	70-130	
Chloroethane	ug/L	50	43.8	88	70-130	
Chloroform	ug/L	50	48.4	97	70-130	
Chloromethane	ug/L	50	43.0	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.5	109	70-130	
Dibromochloromethane	ug/L	50	57.1	114	70-130	
Dibromomethane	ug/L	50	52.5	105	70-130	
Dichlorodifluoromethane	ug/L	50	44.4	89	70-130	
Diisopropyl ether	ug/L	50	46.4	93	70-130	
Ethylbenzene	ug/L	50	52.7	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.9	98	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	49.2	98	70-130	
Methylene Chloride	ug/L	50	44.3	89	70-130	
Naphthalene	ug/L	50	54.5	109	70-130	
o-Xylene	ug/L	50	53.5	107	70-130	
p-Isopropyltoluene	ug/L	50	53.7	107	70-130	
Styrene	ug/L	50	53.2	106	70-130	
Tetrachloroethene	ug/L	50	51.7	103	70-130	
Toluene	ug/L	50	51.5	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.4	107	70-130	
Trichloroethene	ug/L	50	52.1	104	70-130	
Trichlorofluoromethane	ug/L	50	44.6	89	70-130	
Vinyl acetate	ug/L	100	110	110	70-130	
Vinyl chloride	ug/L	50	42.5	85	70-130	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3194728

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3195216 3195217

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92527376003 Result	Spike Conc.	Spike Conc.	Result							Result
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	26.7	23.9	133	119	73-134	11	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	27.3	23.0	136	115	82-143	17	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	28.1	23.2	140	116	70-136	19	30	M1
1,1,2-Trichloroethane	ug/L	ND	20	20	27.5	23.0	137	115	70-135	18	30	M1
1,1-Dichloroethane	ug/L	ND	20	20	26.8	22.5	134	113	70-139	17	30	
1,1-Dichloroethene	ug/L	ND	20	20	28.5	24.2	142	121	70-154	16	30	
1,1-Dichloropropene	ug/L	ND	20	20	27.8	23.9	139	120	70-149	15	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	27.0	23.3	135	116	70-135	15	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	28.2	22.6	141	113	71-137	22	30	M1
1,2,4-Trichlorobenzene	ug/L	ND	20	20	28.1	25.0	140	125	73-140	12	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	26.9	23.0	135	115	65-134	16	30	M1
1,2-Dichlorobenzene	ug/L	ND	20	20	26.8	22.8	134	114	70-133	16	30	M1
1,2-Dichloroethane	ug/L	ND	20	20	26.8	22.9	134	115	70-137	16	30	
1,2-Dichloropropane	ug/L	ND	20	20	27.7	23.2	139	116	70-140	18	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	26.4	23.2	132	116	70-135	13	30	
1,3-Dichloropropane	ug/L	ND	20	20	28.0	23.8	140	119	70-143	16	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	25.9	22.6	129	113	70-133	13	30	
2,2-Dichloropropane	ug/L	ND	20	20	28.5	24.1	143	121	61-148	17	30	
2-Butanone (MEK)	ug/L	ND	40	40	54.6	45.2	137	113	60-139	19	30	
2-Chlorotoluene	ug/L	ND	20	20	25.7	23.4	129	117	70-144	10	30	
2-Hexanone	ug/L	ND	40	40	55.1	46.0	138	115	65-138	18	30	
4-Chlorotoluene	ug/L	ND	20	20	25.6	22.6	128	113	70-137	12	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	54.5	44.1	136	110	65-135	21	30	M1
Acetone	ug/L	ND	40	40	50.5	43.4	126	109	60-148	15	30	
Benzene	ug/L	ND	20	20	27.4	22.9	137	115	70-151	18	30	
Bromobenzene	ug/L	ND	20	20	25.6	22.1	128	110	70-136	15	30	
Bromochloromethane	ug/L	ND	20	20	28.5	23.6	142	118	70-141	19	30	M1
Bromodichloromethane	ug/L	ND	20	20	27.1	22.9	136	114	70-138	17	30	
Bromoform	ug/L	ND	20	20	23.4	19.2	117	96	63-130	20	30	IK
Bromomethane	ug/L	ND	20	20	24.9	22.3	125	112	15-152	11	30	v3
Carbon tetrachloride	ug/L	ND	20	20	28.3	25.0	142	125	70-143	13	30	
Chlorobenzene	ug/L	ND	20	20	27.4	23.9	137	120	70-138	14	30	
Chloroethane	ug/L	ND	20	20	25.4	22.2	127	111	52-163	13	30	
Chloroform	ug/L	ND	20	20	26.6	22.8	133	114	70-139	16	30	
Chloromethane	ug/L	ND	20	20	20.8	18.3	104	91	41-139	13	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.6	22.0	128	110	70-141	15	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	28.6	24.5	143	122	70-137	16	30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	3195216		3195217		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527376003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Dibromochloromethane	ug/L	ND	20	20	28.1	23.8	140	119	70-134	17	30	M1	
Dibromomethane	ug/L	ND	20	20	28.3	23.9	142	119	70-138	17	30	M1	
Dichlorodifluoromethane	ug/L	ND	20	20	23.2	20.2	116	101	47-155	14	30		
Diisopropyl ether	ug/L	ND	20	20	24.0	20.3	120	101	63-144	17	30		
Ethylbenzene	ug/L	ND	20	20	27.3	23.9	137	119	66-153	14	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	28.0	23.2	140	116	65-149	19	30		
m&p-Xylene	ug/L	ND	40	40	54.8	47.6	137	119	69-152	14	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	26.1	21.7	131	109	54-156	18	30		
Methylene Chloride	ug/L	ND	20	20	23.9	20.4	119	102	42-159	15	30		
Naphthalene	ug/L	ND	20	20	26.2	22.7	131	113	61-148	14	30		
o-Xylene	ug/L	ND	20	20	27.1	23.9	135	119	70-148	12	30		
p-Isopropyltoluene	ug/L	ND	20	20	27.4	23.9	137	119	70-146	14	30		
Styrene	ug/L	ND	20	20	27.5	23.0	137	115	70-135	18	30	M1	
Tetrachloroethene	ug/L	ND	20	20	27.1	23.1	135	115	59-143	16	30		
Toluene	ug/L	ND	20	20	27.4	23.6	137	118	59-148	15	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	27.0	23.0	135	115	70-146	16	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	27.9	23.2	140	116	70-135	18	30	M1	
Trichloroethene	ug/L	ND	20	20	27.9	23.6	140	118	70-147	17	30		
Trichlorofluoromethane	ug/L	ND	20	20	26.9	22.6	134	113	70-148	17	30		
Vinyl acetate	ug/L	ND	40	40	59.0	48.9	147	122	49-151	19	30		
Vinyl chloride	ug/L	ND	20	20	23.3	20.0	117	100	70-156	15	30		
Xylene (Total)	ug/L	ND	60	60	81.8	71.5	136	119	63-158	13	30		
1,2-Dichloroethane-d4 (S)	%						95	98	70-130				
4-Bromofluorobenzene (S)	%						100	98	70-130				
Toluene-d8 (S)	%						100	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 606963 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527376002

METHOD BLANK: 3197838 Matrix: Water

Associated Lab Samples: 92527376002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/17/21 11:44	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/17/21 11:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/17/21 11:44	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/17/21 11:44	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/17/21 11:44	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/17/21 11:44	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/17/21 11:44	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/17/21 11:44	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/17/21 11:44	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/17/21 11:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/17/21 11:44	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/17/21 11:44	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/17/21 11:44	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/17/21 11:44	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/17/21 11:44	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/17/21 11:44	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/17/21 11:44	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/17/21 11:44	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/17/21 11:44	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/17/21 11:44	
2-Hexanone	ug/L	ND	5.0	0.48	03/17/21 11:44	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/17/21 11:44	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/17/21 11:44	
Acetone	ug/L	ND	25.0	5.1	03/17/21 11:44	
Benzene	ug/L	ND	1.0	0.34	03/17/21 11:44	
Bromobenzene	ug/L	ND	1.0	0.29	03/17/21 11:44	
Bromochloromethane	ug/L	ND	1.0	0.47	03/17/21 11:44	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/17/21 11:44	
Bromoform	ug/L	ND	1.0	0.34	03/17/21 11:44	
Bromomethane	ug/L	ND	2.0	1.7	03/17/21 11:44	IK
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/17/21 11:44	
Chlorobenzene	ug/L	ND	1.0	0.28	03/17/21 11:44	
Chloroethane	ug/L	ND	1.0	0.65	03/17/21 11:44	
Chloroform	ug/L	ND	5.0	1.6	03/17/21 11:44	
Chloromethane	ug/L	ND	1.0	0.54	03/17/21 11:44	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/17/21 11:44	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/17/21 11:44	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/17/21 11:44	
Dibromomethane	ug/L	ND	1.0	0.39	03/17/21 11:44	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/17/21 11:44	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

METHOD BLANK: 3197838 Matrix: Water
Associated Lab Samples: 92527376002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/17/21 11:44	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/17/21 11:44	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/17/21 11:44	
m&p-Xylene	ug/L	ND	2.0	0.71	03/17/21 11:44	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/17/21 11:44	
Methylene Chloride	ug/L	ND	5.0	2.0	03/17/21 11:44	
Naphthalene	ug/L	ND	1.0	0.64	03/17/21 11:44	
o-Xylene	ug/L	ND	1.0	0.34	03/17/21 11:44	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/17/21 11:44	
Styrene	ug/L	ND	1.0	0.29	03/17/21 11:44	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/17/21 11:44	
Toluene	ug/L	ND	1.0	0.48	03/17/21 11:44	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/17/21 11:44	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/17/21 11:44	
Trichloroethene	ug/L	ND	1.0	0.38	03/17/21 11:44	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/17/21 11:44	
Vinyl acetate	ug/L	ND	2.0	1.3	03/17/21 11:44	
Vinyl chloride	ug/L	ND	1.0	0.39	03/17/21 11:44	
Xylene (Total)	ug/L	ND	1.0	0.34	03/17/21 11:44	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/17/21 11:44	
4-Bromofluorobenzene (S)	%	107	70-130		03/17/21 11:44	
Toluene-d8 (S)	%	112	70-130		03/17/21 11:44	

LABORATORY CONTROL SAMPLE: 3197839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.1	102	70-130	
1,1,1-Trichloroethane	ug/L	50	55.4	111	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	70-130	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	52.2	104	70-130	
1,1-Dichloroethene	ug/L	50	55.6	111	70-130	
1,1-Dichloropropene	ug/L	50	47.8	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.1	96	70-130	
1,2,3-Trichloropropane	ug/L	50	47.6	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.5	97	70-130	
1,2-Dichlorobenzene	ug/L	50	49.0	98	70-130	
1,2-Dichloroethane	ug/L	50	54.4	109	70-130	
1,2-Dichloropropane	ug/L	50	53.8	108	70-130	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,3-Dichloropropane	ug/L	50	52.5	105	70-130	
1,4-Dichlorobenzene	ug/L	50	46.6	93	70-130	
2,2-Dichloropropane	ug/L	50	56.6	113	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3197839

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	95.5	96	70-130	
2-Chlorotoluene	ug/L	50	48.7	97	70-130	
2-Hexanone	ug/L	100	94.7	95	70-130	
4-Chlorotoluene	ug/L	50	48.3	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.5	92	70-130	
Acetone	ug/L	100	107	107	70-130	
Benzene	ug/L	50	52.8	106	70-130	
Bromobenzene	ug/L	50	46.7	93	70-130	
Bromochloromethane	ug/L	50	52.9	106	70-130	
Bromodichloromethane	ug/L	50	51.7	103	70-130	
Bromoform	ug/L	50	51.0	102	70-130	
Bromomethane	ug/L	50	47.7	95	70-130	IK
Carbon tetrachloride	ug/L	50	51.8	104	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	60.6	121	70-130	
Chloroform	ug/L	50	49.6	99	70-130	
Chloromethane	ug/L	50	43.9	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.1	114	70-130	
Dibromochloromethane	ug/L	50	44.1	88	70-130	
Dibromomethane	ug/L	50	49.2	98	70-130	
Dichlorodifluoromethane	ug/L	50	50.3	101	70-130	
Diisopropyl ether	ug/L	50	45.0	90	70-130	IK
Ethylbenzene	ug/L	50	48.6	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	70-130	
m&p-Xylene	ug/L	100	96.4	96	70-130	
Methyl-tert-butyl ether	ug/L	50	49.2	98	70-130	
Methylene Chloride	ug/L	50	51.3	103	70-130	
Naphthalene	ug/L	50	49.5	99	70-130	
o-Xylene	ug/L	50	48.6	97	70-130	
p-Isopropyltoluene	ug/L	50	50.6	101	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	50.4	101	70-130	
Toluene	ug/L	50	46.2	92	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.0	110	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.7	107	70-130	
Trichloroethene	ug/L	50	55.0	110	70-130	
Trichlorofluoromethane	ug/L	50	50.0	100	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	
Vinyl chloride	ug/L	50	48.5	97	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	92527568024		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197840 3197841																
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.9	19.5	95	97	73-134	3	30					
1,1,1-Trichloroethane	ug/L	ND	20	20	18.9	18.9	95	94	82-143	0	30					
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.4	18.8	92	94	70-136	2	30					
1,1,2-Trichloroethane	ug/L	ND	20	20	18.6	19.1	93	95	70-135	3	30					
1,1-Dichloroethane	ug/L	ND	20	20	18.5	18.4	93	92	70-139	1	30					
1,1-Dichloroethene	ug/L	ND	20	20	20.2	20.0	101	100	70-154	1	30					
1,1-Dichloropropene	ug/L	ND	20	20	19.1	19.1	96	96	70-149	0	30					
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.5	19.6	108	98	70-135	9	30					
1,2,3-Trichloropropane	ug/L	ND	20	20	18.9	19.6	95	98	71-137	4	30					
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.0	19.9	105	99	73-140	6	30					
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.5	19.3	98	96	65-134	1	30					
1,2-Dichlorobenzene	ug/L	ND	20	20	19.0	19.0	95	95	70-133	0	30					
1,2-Dichloroethane	ug/L	ND	20	20	17.5	17.8	87	89	70-137	2	30					
1,2-Dichloropropane	ug/L	ND	20	20	18.3	18.9	92	95	70-140	3	30					
1,3-Dichlorobenzene	ug/L	ND	20	20	19.2	19.1	96	95	70-135	1	30					
1,3-Dichloropropane	ug/L	ND	20	20	18.8	18.7	94	93	70-143	1	30					
1,4-Dichlorobenzene	ug/L	ND	20	20	19.3	19.3	97	96	70-133	0	30					
2,2-Dichloropropane	ug/L	ND	20	20	20.3	20.3	101	102	61-148	0	30					
2-Butanone (MEK)	ug/L	ND	40	40	31.9	33.2	80	83	60-139	4	30					
2-Chlorotoluene	ug/L	ND	20	20	18.6	18.9	93	94	70-144	1	30					
2-Hexanone	ug/L	ND	40	40	35.5	36.6	89	92	65-138	3	30					
4-Chlorotoluene	ug/L	ND	20	20	18.3	18.1	92	90	70-137	1	30					
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	35.2	36.6	88	91	65-135	4	30					
Acetone	ug/L	ND	40	40	37.7	38.2	94	96	60-148	1	30					
Benzene	ug/L	ND	20	20	18.7	19.2	93	96	70-151	3	30					
Bromobenzene	ug/L	ND	20	20	18.6	18.7	93	94	70-136	1	30					
Bromochloromethane	ug/L	ND	20	20	18.9	19.3	94	96	70-141	2	30					
Bromodichloromethane	ug/L	ND	20	20	17.4	18.3	87	92	70-138	5	30					
Bromoform	ug/L	ND	20	20	18.4	19.2	92	96	63-130	4	30					
Bromomethane	ug/L	ND	20	20	20.7	21.3	104	107	15-152	3	30					
Carbon tetrachloride	ug/L	ND	20	20	20.9	21.1	105	105	70-143	1	30					
Chlorobenzene	ug/L	ND	20	20	19.6	20.0	98	100	70-138	2	30					
Chloroethane	ug/L	ND	20	20	23.1	23.9	115	119	52-163	4	30					
Chloroform	ug/L	ND	20	20	18.9	18.0	94	90	70-139	5	30					
Chloromethane	ug/L	ND	20	20	17.6	17.3	88	87	41-139	2	30					
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.0	18.1	90	91	70-141	1	30					
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.9	19.6	94	98	70-137	4	30					
Dibromochloromethane	ug/L	ND	20	20	19.1	19.1	95	95	70-134	0	30					
Dibromomethane	ug/L	ND	20	20	19.7	20.2	99	101	70-138	3	30					
Dichlorodifluoromethane	ug/L	ND	20	20	19.8	19.5	99	98	47-155	1	30					
Diisopropyl ether	ug/L	ND	20	20	16.4	16.5	82	83	63-144	1	30					
Ethylbenzene	ug/L	ND	20	20	19.1	19.7	96	99	66-153	3	30					
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.8	21.3	114	106	65-149	7	30					
m&p-Xylene	ug/L	ND	40	40	39.0	39.5	98	99	69-152	1	30					

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	3197840		3197841		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92527568024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.9	88	89	54-156	1	30	
Methylene Chloride	ug/L	ND	20	20	17.4	17.5	87	88	42-159	1	30	
Naphthalene	ug/L	ND	20	20	20.6	19.1	103	95	61-148	8	30	
o-Xylene	ug/L	ND	20	20	19.0	19.4	95	97	70-148	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	20.4	20.0	102	100	70-146	2	30	
Styrene	ug/L	ND	20	20	18.4	18.7	92	94	70-135	2	30	
Tetrachloroethene	ug/L	ND	20	20	20.2	20.5	101	102	59-143	1	30	
Toluene	ug/L	ND	20	20	19.3	20.3	97	101	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.0	19.0	95	95	70-146	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.7	19.3	93	96	70-135	3	30	
Trichloroethene	ug/L	ND	20	20	20.5	20.9	102	105	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.8	120	119	70-148	1	30	
Vinyl acetate	ug/L	ND	40	40	41.0	42.0	103	105	49-151	2	30	
Vinyl chloride	ug/L	ND	20	20	18.9	18.5	95	93	70-156	2	30	
Xylene (Total)	ug/L	ND	60	60	58.1	58.9	97	98	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						97	98	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 607594 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527376001

METHOD BLANK: 3200736 Matrix: Water
Associated Lab Samples: 92527376001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 15:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 15:08	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 15:08	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 15:08	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 15:08	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 15:08	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 15:08	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 15:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 15:08	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 15:08	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 15:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 15:08	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 15:08	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 15:08	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 15:08	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 15:08	
Acetone	ug/L	ND	25.0	5.1	03/18/21 15:08	
Benzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 15:08	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 15:08	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 15:08	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 15:08	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 15:08	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 15:08	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 15:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 15:08	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 15:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

METHOD BLANK: 3200736 Matrix: Water
Associated Lab Samples: 92527376001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 15:08	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 15:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 15:08	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 15:08	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 15:08	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 15:08	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 15:08	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 15:08	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 15:08	
Styrene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Toluene	ug/L	ND	1.0	0.48	03/18/21 15:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 15:08	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 15:08	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 15:08	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 15:08	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/18/21 15:08	
4-Bromofluorobenzene (S)	%	98	70-130		03/18/21 15:08	
Toluene-d8 (S)	%	100	70-130		03/18/21 15:08	

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	70-130	
1,1,1-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethene	ug/L	50	50.4	101	70-130	
1,1-Dichloropropene	ug/L	50	50.8	102	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2,3-Trichloropropane	ug/L	50	48.7	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-130	
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,3-Dichloropropane	ug/L	50	49.9	100	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
2,2-Dichloropropane	ug/L	50	50.9	102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	97.1	97	70-130	
2-Chlorotoluene	ug/L	50	50.2	100	70-130	
2-Hexanone	ug/L	100	97.0	97	70-130	
4-Chlorotoluene	ug/L	50	50.2	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.1	97	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	49.7	99	70-130	
Bromobenzene	ug/L	50	49.8	100	70-130	
Bromochloromethane	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	45.8	92	70-130	
Bromoform	ug/L	50	51.3	103	70-130	
Bromomethane	ug/L	50	50.5	101	70-130	
Carbon tetrachloride	ug/L	50	49.7	99	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	46.5	93	70-130	
Chloroform	ug/L	50	50.7	101	70-130	
Chloromethane	ug/L	50	43.9	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dibromomethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	48.0	96	70-130	
Ethylbenzene	ug/L	50	49.8	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	98.9	99	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	49.1	98	70-130	
Naphthalene	ug/L	50	50.1	100	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
p-Isopropyltoluene	ug/L	50	50.5	101	70-130	
Styrene	ug/L	50	51.1	102	70-130	
Tetrachloroethene	ug/L	50	49.8	100	70-130	
Toluene	ug/L	50	49.7	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	109	109	70-130	
Vinyl chloride	ug/L	50	47.5	95	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200738 3200739												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92527568014 Result	Spike Conc.	Spike Conc.	MS Conc.							
1,1,1,2-Tetrachloroethane	ug/L	ND	10000	10000	10300	9810	103	98	73-134	5	30	
1,1,1-Trichloroethane	ug/L	ND	10000	10000	10500	10300	105	103	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9890	9880	99	99	70-136	0	30	
1,1,2-Trichloroethane	ug/L	ND	10000	10000	10400	10300	104	103	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	10000	10000	10200	9930	102	99	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	10000	10000	10600	10300	106	103	70-154	3	30	
1,1-Dichloropropene	ug/L	ND	10000	10000	10500	10200	105	102	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	10800	10300	108	103	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	10000	10000	10400	10300	104	103	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	10900	10500	109	105	73-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	10500	10600	105	106	65-134	2	30	
1,2-Dichlorobenzene	ug/L	ND	10000	10000	10500	10100	105	101	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	10000	10000	10200	9840	102	98	70-137	4	30	
1,2-Dichloropropane	ug/L	ND	10000	10000	10700	10400	107	104	70-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	10000	10000	10700	10500	107	105	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	10000	10000	10200	10200	102	102	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10200	9780	102	98	70-133	4	30	
2,2-Dichloropropane	ug/L	ND	10000	10000	9050	9080	91	91	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	20000	20000	19800	20700	99	103	60-139	4	30	
2-Chlorotoluene	ug/L	ND	10000	10000	10700	10500	107	105	70-144	1	30	
2-Hexanone	ug/L	ND	20000	20000	20600	20100	103	101	65-138	2	30	
4-Chlorotoluene	ug/L	ND	10000	10000	10400	10100	104	101	70-137	3	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	20000	20300	20100	101	100	65-135	1	30	
Acetone	ug/L	ND	20000	20000	20800	20500	104	102	60-148	2	30	
Benzene	ug/L	ND	10000	10000	10500	10100	105	101	70-151	4	30	
Bromobenzene	ug/L	ND	10000	10000	10400	10100	104	101	70-136	4	30	
Bromochloromethane	ug/L	ND	10000	10000	9990	10000	100	100	70-141	1	30	
Bromodichloromethane	ug/L	ND	10000	10000	9490	9180	95	92	70-138	3	30	
Bromoform	ug/L	ND	10000	10000	10000	9650	100	96	63-130	4	30	
Bromomethane	ug/L	ND	10000	10000	11100	10000	111	100	15-152	10	30	
Carbon tetrachloride	ug/L	ND	10000	10000	10600	10300	106	103	70-143	4	30	
Chlorobenzene	ug/L	ND	10000	10000	10600	10100	106	101	70-138	4	30	
Chloroethane	ug/L	ND	10000	10000	10200	9970	102	100	52-163	3	30	
Chloroform	ug/L	ND	10000	10000	10100	9940	101	99	70-139	2	30	
Chloromethane	ug/L	ND	10000	10000	8160	8450	82	85	41-139	4	30	
cis-1,2-Dichloroethene	ug/L	4170	10000	10000	13900	14000	97	98	70-141	1	30	
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	9790	9850	98	98	70-137	1	30	
Dibromochloromethane	ug/L	ND	10000	10000	10300	9930	103	99	70-134	3	30	
Dibromomethane	ug/L	ND	10000	10000	10900	10700	109	107	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	10000	10000	8730	8550	87	86	47-155	2	30	
Diisopropyl ether	ug/L	ND	10000	10000	9670	9640	97	96	63-144	0	30	
Ethylbenzene	ug/L	ND	10000	10000	10400	10200	104	102	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	10500	10400	105	104	65-149	1	30	
m&p-Xylene	ug/L	ND	20000	20000	20800	20300	104	102	69-152	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	92527568014		3200738		3200739		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Methyl-tert-butyl ether	ug/L	ND	10000	10000	10000	9840	100	98	54-156	2	30			
Methylene Chloride	ug/L	ND	10000	10000	9700	9800	97	98	42-159	1	30			
Naphthalene	ug/L	ND	10000	10000	10900	10600	109	106	61-148	2	30			
o-Xylene	ug/L	ND	10000	10000	10300	9960	103	100	70-148	3	30			
p-Isopropyltoluene	ug/L	ND	10000	10000	10500	10100	105	101	70-146	4	30			
Styrene	ug/L	ND	10000	10000	10500	10000	105	100	70-135	4	30			
Tetrachloroethene	ug/L	ND	10000	10000	10600	10600	106	106	59-143	0	30			
Toluene	ug/L	ND	10000	10000	10500	10300	105	103	59-148	2	30			
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	10500	10300	105	103	70-146	1	30			
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	9890	9620	99	96	70-135	3	30			
Trichloroethene	ug/L	64700	10000	10000	74900	73300	101	86	70-147	2	30			
Trichlorofluoromethane	ug/L	ND	10000	10000	10000	9940	100	99	70-148	1	30			
Vinyl acetate	ug/L	ND	20000	20000	21700	21300	108	106	49-151	2	30			
Vinyl chloride	ug/L	ND	10000	10000	9450	9560	94	96	70-156	1	30			
Xylene (Total)	ug/L	ND	30000	30000	31100	30300	104	101	63-158	3	30			
1,2-Dichloroethane-d4 (S)	%						96	99	70-130					
4-Bromofluorobenzene (S)	%						99	98	70-130					
Toluene-d8 (S)	%						99	98	70-130					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 606478 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527376001

METHOD BLANK: 3195259 Matrix: Water

Associated Lab Samples: 92527376001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/15/21 16:49	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/15/21 16:49	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/15/21 16:49	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/15/21 16:49	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/15/21 16:49	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/15/21 16:49	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/15/21 16:49	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/15/21 16:49	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/15/21 16:49	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/15/21 16:49	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/15/21 16:49	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/15/21 16:49	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/15/21 16:49	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/15/21 16:49	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/15/21 16:49	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/15/21 16:49	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/15/21 16:49	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/15/21 16:49	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/15/21 16:49	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/15/21 16:49	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/15/21 16:49	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/15/21 16:49	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/15/21 16:49	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/15/21 16:49	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/15/21 16:49	
Acenaphthene	ug/L	ND	10.0	2.0	03/15/21 16:49	
Acenaphthylene	ug/L	ND	10.0	2.0	03/15/21 16:49	
Aniline	ug/L	ND	10.0	1.6	03/15/21 16:49	
Anthracene	ug/L	ND	10.0	2.3	03/15/21 16:49	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/15/21 16:49	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/15/21 16:49	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/15/21 16:49	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/15/21 16:49	
Benzoic Acid	ug/L	ND	50.0	3.4	03/15/21 16:49	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/15/21 16:49	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/15/21 16:49	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/15/21 16:49	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/15/21 16:49	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/15/21 16:49	
Chrysene	ug/L	ND	10.0	2.8	03/15/21 16:49	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

METHOD BLANK: 3195259 Matrix: Water
Associated Lab Samples: 92527376001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/15/21 16:49	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/15/21 16:49	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/15/21 16:49	
Dibenzofuran	ug/L	ND	10.0	2.1	03/15/21 16:49	
Diethylphthalate	ug/L	ND	10.0	2.0	03/15/21 16:49	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/15/21 16:49	
Fluoranthene	ug/L	ND	10.0	2.2	03/15/21 16:49	
Fluorene	ug/L	ND	10.0	2.1	03/15/21 16:49	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/15/21 16:49	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/15/21 16:49	
Hexachloroethane	ug/L	ND	10.0	1.4	03/15/21 16:49	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/15/21 16:49	
Isophorone	ug/L	ND	10.0	1.7	03/15/21 16:49	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/15/21 16:49	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/15/21 16:49	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/15/21 16:49	
Nitrobenzene	ug/L	ND	10.0	1.9	03/15/21 16:49	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/15/21 16:49	
Phenanthrene	ug/L	ND	10.0	2.0	03/15/21 16:49	
Phenol	ug/L	ND	10.0	1.4	03/15/21 16:49	
Pyrene	ug/L	ND	10.0	2.2	03/15/21 16:49	
2,4,6-Tribromophenol (S)	%	136	10-144		03/15/21 16:49	
2-Fluorobiphenyl (S)	%	122	10-130		03/15/21 16:49	
2-Fluorophenol (S)	%	92	10-130		03/15/21 16:49	
Nitrobenzene-d5 (S)	%	122	10-144		03/15/21 16:49	
Phenol-d6 (S)	%	72	10-130		03/15/21 16:49	
Terphenyl-d14 (S)	%	161	34-163		03/15/21 16:49	

LABORATORY CONTROL SAMPLE: 3195260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	49.9	100	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	51.6	103	28-130	
2,4,5-Trichlorophenol	ug/L	50	61.0	122	35-130	
2,4,6-Trichlorophenol	ug/L	50	59.0	118	31-130	
2,4-Dichlorophenol	ug/L	50	56.7	113	35-130	
2,4-Dimethylphenol	ug/L	50	51.4	103	34-130	
2,4-Dinitrophenol	ug/L	250	286	114	10-153	
2,4-Dinitrotoluene	ug/L	50	55.8	112	37-136	
2,6-Dinitrotoluene	ug/L	50	57.2	114	33-136	
2-Chloronaphthalene	ug/L	50	53.7	107	26-130	
2-Chlorophenol	ug/L	50	52.1	104	37-130	
2-Methylnaphthalene	ug/L	50	49.7	99	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	51.5	103	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3195260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	116	116	37-130	
2-Nitrophenol	ug/L	50	58.2	116	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	48.9	98	34-130	
3,3'-Dichlorobenzidine	ug/L	100	123	123	34-136	
3-Nitroaniline	ug/L	100	110	110	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	120	120	21-157	
4-Bromophenylphenyl ether	ug/L	50	65.0	130	38-130	
4-Chloro-3-methylphenol	ug/L	100	110	110	37-130	
4-Chloroaniline	ug/L	100	103	103	38-130	
4-Chlorophenylphenyl ether	ug/L	50	55.3	111	33-130	
4-Nitroaniline	ug/L	100	113	113	42-137	
4-Nitrophenol	ug/L	250	176	70	10-130	
Acenaphthene	ug/L	50	56.9	114	33-130	
Acenaphthylene	ug/L	50	57.7	115	35-130	
Aniline	ug/L	50	44.3	89	22-130	
Anthracene	ug/L	50	61.7	123	48-130	
Benzo(a)anthracene	ug/L	50	64.1	128	48-137	
Benzo(b)fluoranthene	ug/L	50	64.9	130	52-138	
Benzo(g,h,i)perylene	ug/L	50	62.7	125	48-140	
Benzo(k)fluoranthene	ug/L	50	65.2	130	48-139	
Benzoic Acid	ug/L	250	148	59	10-130	
Benzyl alcohol	ug/L	100	109	109	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	56.7	113	34-130	
bis(2-Chloroethyl) ether	ug/L	50	57.7	115	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	70.6	141	32-165	
Butylbenzylphthalate	ug/L	50	67.7	135	34-161	
Chrysene	ug/L	50	63.2	126	47-131	
Di-n-butylphthalate	ug/L	50	65.6	131	39-144	
Di-n-octylphthalate	ug/L	50	70.9	142	30-170	
Dibenz(a,h)anthracene	ug/L	50	64.5	129	49-138	
Dibenzofuran	ug/L	50	56.5	113	33-130	
Diethylphthalate	ug/L	50	55.7	111	38-131	
Dimethylphthalate	ug/L	50	54.9	110	37-130	
Fluoranthene	ug/L	50	62.9	126	46-137	
Fluorene	ug/L	50	57.3	115	37-130	
Hexachlorobenzene	ug/L	50	58.5	117	38-130	
Hexachlorocyclopentadiene	ug/L	50	42.3	85	10-130	
Hexachloroethane	ug/L	50	37.4	75	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	64.6	129	41-130	
Isophorone	ug/L	50	54.7	109	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.5	111	36-130	
N-Nitrosodimethylamine	ug/L	50	49.8	100	34-130	
N-Nitrosodiphenylamine	ug/L	50	59.1	118	37-130	
Nitrobenzene	ug/L	50	56.5	113	36-130	
Pentachlorophenol	ug/L	100	128	128	23-149	
Phenanthrene	ug/L	50	60.3	121	44-130	
Phenol	ug/L	50	33.8	68	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3195260

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	63.5	127	47-134	
2,4,6-Tribromophenol (S)	%			147	10-144	S0
2-Fluorobiphenyl (S)	%			116	10-130	
2-Fluorophenol (S)	%			84	10-130	
Nitrobenzene-d5 (S)	%			117	10-144	
Phenol-d6 (S)	%			69	10-130	
Terphenyl-d14 (S)	%			156	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3195261 3195262

Parameter	Units	MS 92526300006		MSD		MS 3195261		MSD 3195262		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
1-Methylnaphthalene	ug/L	ND	50	50	45.1	41.2	90	82	10-130	9	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.6	43.4	93	87	12-142	7	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	55.3	57.7	111	115	10-143	4	30		
2,4,6-Trichlorophenol	ug/L	ND	50	50	54.2	55.7	108	111	10-147	3	30		
2,4-Dichlorophenol	ug/L	ND	50	50	51.7	49.8	103	100	10-138	4	30		
2,4-Dimethylphenol	ug/L	ND	50	50	51.7	48.8	103	98	25-130	6	30		
2,4-Dinitrophenol	ug/L	ND	250	250	259	277	104	111	10-165	7	30		
2,4-Dinitrotoluene	ug/L	ND	50	50	50.6	53.4	101	107	29-148	5	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	50.4	54.6	101	109	26-146	8	30		
2-Chloronaphthalene	ug/L	ND	50	50	50.0	48.0	100	96	11-130	4	30		
2-Chlorophenol	ug/L	ND	50	50	47.6	45.3	95	91	10-133	5	30		
2-Methylnaphthalene	ug/L	ND	50	50	45.4	41.1	91	82	13-130	10	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	46.0	44.3	92	89	20-130	4	30		
2-Nitroaniline	ug/L	ND	100	100	105	110	105	110	24-136	5	30		
2-Nitrophenol	ug/L	ND	50	50	53.2	50.3	106	101	10-153	6	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	43.5	42.3	87	85	16-130	3	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	102	109	102	109	10-153	6	30		
3-Nitroaniline	ug/L	ND	100	100	97.3	103	97	103	22-151	6	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	110	118	110	118	10-180	7	30		
4-Bromophenylphenyl ether	ug/L	ND	50	50	58.0	62.1	116	124	25-130	7	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	98.2	99.1	98	99	25-133	1	30		
4-Chloroaniline	ug/L	ND	100	100	94.3	92.4	94	92	14-132	2	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50.4	53.0	101	106	19-130	5	30		
4-Nitroaniline	ug/L	ND	100	100	101	107	101	107	29-150	6	30		
4-Nitrophenol	ug/L	ND	250	250	160	165	64	66	10-130	3	30		
Acenaphthene	ug/L	ND	50	50	52.4	52.8	105	106	16-130	1	30		
Acenaphthylene	ug/L	ND	50	50	52.6	53.3	105	107	15-137	1	30		
Aniline	ug/L	ND	50	50	34.2	36.1	68	72	10-130	5	30		
Anthracene	ug/L	ND	50	50	55.7	59.6	111	119	37-136	7	30		
Benzo(a)anthracene	ug/L	ND	50	50	58.3	61.1	117	122	40-145	5	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	60.7	65.6	121	131	39-151	8	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.7	58.0	119	116	40-147	3	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	3195261		3195262		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92526300006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	61.0	64.4	122	129	40-146	5	30		
Benzoic Acid	ug/L	ND	250	250	138	145	55	58	10-130	5	30		
Benzyl alcohol	ug/L	ND	100	100	97.4	94.6	97	95	25-130	3	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.8	48.3	102	97	23-130	5	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	52.3	49.3	105	99	25-130	6	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	58.4	61.6	117	123	28-166	5	30		
Butylbenzylphthalate	ug/L	ND	50	50	60.3	64.1	121	128	33-165	6	30		
Chrysene	ug/L	ND	50	50	57.9	60.5	116	121	38-141	4	30		
Di-n-butylphthalate	ug/L	ND	50	50	56.4	58.5	113	117	32-153	4	30		
Di-n-octylphthalate	ug/L	ND	50	50	58.4	61.3	117	123	30-175	5	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	60.1	60.2	120	120	39-148	0	30		
Dibenzofuran	ug/L	ND	50	50	51.8	52.3	104	105	20-130	1	30		
Diethylphthalate	ug/L	ND	50	50	50.2	52.7	100	105	28-142	5	30		
Dimethylphthalate	ug/L	ND	50	50	49.8	52.4	100	105	26-136	5	30		
Fluoranthene	ug/L	ND	50	50	55.5	57.8	111	116	39-143	4	30		
Fluorene	ug/L	ND	50	50	52.1	54.1	104	108	24-132	4	30		
Hexachlorobenzene	ug/L	ND	50	50	53.7	56.8	107	114	29-130	6	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	40.4	34.0	81	68	10-130	17	30		
Hexachloroethane	ug/L	ND	50	50	38.5	31.8	77	64	10-130	19	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	60.6	59.6	121	119	39-148	2	30		
Isophorone	ug/L	ND	50	50	49.2	47.5	98	95	23-130	3	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	47.9	48.0	96	96	25-130	0	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	44.0	42.1	88	84	22-130	4	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	53.0	56.7	106	113	26-134	7	30		
Nitrobenzene	ug/L	ND	50	50	51.1	47.7	102	95	25-130	7	30		
Pentachlorophenol	ug/L	ND	100	100	115	123	115	123	10-175	7	30		
Phenanthrene	ug/L	ND	50	50	55.0	58.6	110	117	36-133	6	30		
Phenol	ug/L	ND	50	50	29.6	28.6	59	57	10-130	3	30		
Pyrene	ug/L	ND	50	50	59.6	64.2	119	128	40-143	7	30		
2,4,6-Tribromophenol (S)	%						129	141	10-144				
2-Fluorobiphenyl (S)	%						105	101	10-130				
2-Fluorophenol (S)	%						78	72	10-130				
Nitrobenzene-d5 (S)	%						106	99	10-144				
Phenol-d6 (S)	%						60	57	10-130				
Terphenyl-d14 (S)	%						144	151	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch:	606492	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3510C	Analysis Description:	8270E Water MSSV RVE
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527376002, 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015

METHOD BLANK: 3195304 Matrix: Water
Associated Lab Samples: 92527376002, 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/16/21 16:37	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/16/21 16:37	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/16/21 16:37	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/16/21 16:37	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/16/21 16:37	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/16/21 16:37	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/16/21 16:37	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/16/21 16:37	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/16/21 16:37	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/16/21 16:37	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/16/21 16:37	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/16/21 16:37	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/16/21 16:37	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/16/21 16:37	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/16/21 16:37	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/16/21 16:37	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/16/21 16:37	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/16/21 16:37	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/16/21 16:37	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/16/21 16:37	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/16/21 16:37	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/16/21 16:37	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/16/21 16:37	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/16/21 16:37	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/16/21 16:37	
Acenaphthene	ug/L	ND	10.0	2.0	03/16/21 16:37	
Acenaphthylene	ug/L	ND	10.0	2.0	03/16/21 16:37	
Aniline	ug/L	ND	10.0	1.6	03/16/21 16:37	
Anthracene	ug/L	ND	10.0	2.3	03/16/21 16:37	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/16/21 16:37	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/16/21 16:37	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/16/21 16:37	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/16/21 16:37	
Benzoic Acid	ug/L	ND	50.0	3.4	03/16/21 16:37	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/16/21 16:37	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/16/21 16:37	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/16/21 16:37	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/16/21 16:37	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/16/21 16:37	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

METHOD BLANK: 3195304

Matrix: Water

Associated Lab Samples: 92527376002, 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/L	ND	10.0	2.8	03/16/21 16:37	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/16/21 16:37	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/16/21 16:37	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/16/21 16:37	
Dibenzofuran	ug/L	ND	10.0	2.1	03/16/21 16:37	
Diethylphthalate	ug/L	ND	10.0	2.0	03/16/21 16:37	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/16/21 16:37	
Fluoranthene	ug/L	ND	10.0	2.2	03/16/21 16:37	
Fluorene	ug/L	ND	10.0	2.1	03/16/21 16:37	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/16/21 16:37	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/16/21 16:37	
Hexachloroethane	ug/L	ND	10.0	1.4	03/16/21 16:37	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/16/21 16:37	
Isophorone	ug/L	ND	10.0	1.7	03/16/21 16:37	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/16/21 16:37	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/16/21 16:37	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/16/21 16:37	
Nitrobenzene	ug/L	ND	10.0	1.9	03/16/21 16:37	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/16/21 16:37	
Phenanthrene	ug/L	ND	10.0	2.0	03/16/21 16:37	
Phenol	ug/L	ND	10.0	1.4	03/16/21 16:37	
Pyrene	ug/L	ND	10.0	2.2	03/16/21 16:37	
2,4,6-Tribromophenol (S)	%	126	10-144		03/16/21 16:37	
2-Fluorobiphenyl (S)	%	97	10-130		03/16/21 16:37	
2-Fluorophenol (S)	%	87	10-130		03/16/21 16:37	
Nitrobenzene-d5 (S)	%	115	10-144		03/16/21 16:37	
Phenol-d6 (S)	%	67	10-130		03/16/21 16:37	
Terphenyl-d14 (S)	%	155	34-163		03/16/21 16:37	

LABORATORY CONTROL SAMPLE: 3195305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	43.3	87	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	42.8	86	28-130	
2,4,5-Trichlorophenol	ug/L	50	60.8	122	35-130	
2,4,6-Trichlorophenol	ug/L	50	56.4	113	31-130	
2,4-Dichlorophenol	ug/L	50	52.9	106	35-130	
2,4-Dimethylphenol	ug/L	50	52.6	105	34-130	
2,4-Dinitrophenol	ug/L	250	299	120	10-153	
2,4-Dinitrotoluene	ug/L	50	57.4	115	37-136	
2,6-Dinitrotoluene	ug/L	50	56.9	114	33-136	
2-Chloronaphthalene	ug/L	50	46.9	94	26-130	
2-Chlorophenol	ug/L	50	46.7	93	37-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3195305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/L	50	42.0	84	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	47.6	95	35-130	
2-Nitroaniline	ug/L	100	116	116	37-130	
2-Nitrophenol	ug/L	50	52.1	104	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	45.8	92	34-130	
3,3'-Dichlorobenzidine	ug/L	100	120	120	34-136	
3-Nitroaniline	ug/L	100	113	113	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	122	122	21-157	
4-Bromophenylphenyl ether	ug/L	50	63.0	126	38-130	
4-Chloro-3-methylphenol	ug/L	100	112	112	37-130	
4-Chloroaniline	ug/L	100	96.7	97	38-130	
4-Chlorophenylphenyl ether	ug/L	50	55.1	110	33-130	
4-Nitroaniline	ug/L	100	120	120	42-137	
4-Nitrophenol	ug/L	250	187	75	10-130	
Acenaphthene	ug/L	50	53.3	107	33-130	
Acenaphthylene	ug/L	50	53.9	108	35-130	
Aniline	ug/L	50	39.4	79	22-130	
Anthracene	ug/L	50	61.1	122	48-130	
Benzo(a)anthracene	ug/L	50	63.4	127	48-137	
Benzo(b)fluoranthene	ug/L	50	65.1	130	52-138	
Benzo(g,h,i)perylene	ug/L	50	59.7	119	48-140	
Benzo(k)fluoranthene	ug/L	50	65.2	130	48-139	
Benzoic Acid	ug/L	250	163	65	10-130	
Benzyl alcohol	ug/L	100	101	101	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	51.0	102	34-130	
bis(2-Chloroethyl) ether	ug/L	50	49.7	99	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	68.8	138	32-165	
Butylbenzylphthalate	ug/L	50	66.3	133	34-161	
Chrysene	ug/L	50	62.5	125	47-131	
Di-n-butylphthalate	ug/L	50	65.6	131	39-144	
Di-n-octylphthalate	ug/L	50	67.6	135	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.7	121	49-138	
Dibenzofuran	ug/L	50	54.2	108	33-130	
Diethylphthalate	ug/L	50	56.8	114	38-131	
Dimethylphthalate	ug/L	50	55.4	111	37-130	
Fluoranthene	ug/L	50	63.0	126	46-137	
Fluorene	ug/L	50	56.6	113	37-130	
Hexachlorobenzene	ug/L	50	58.5	117	38-130	
Hexachlorocyclopentadiene	ug/L	50	32.0	64	10-130	
Hexachloroethane	ug/L	50	17.3	35	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	61.1	122	41-130	
Isophorone	ug/L	50	50.1	100	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	50.6	101	36-130	
N-Nitrosodimethylamine	ug/L	50	44.7	89	34-130	
N-Nitrosodiphenylamine	ug/L	50	57.7	115	37-130	
Nitrobenzene	ug/L	50	48.9	98	36-130	
Pentachlorophenol	ug/L	100	131	131	23-149	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

LABORATORY CONTROL SAMPLE: 3195305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	59.8	120	44-130	
Phenol	ug/L	50	31.1	62	18-130	
Pyrene	ug/L	50	63.6	127	47-134	
2,4,6-Tribromophenol (S)	%			144	10-144	
2-Fluorobiphenyl (S)	%			87	10-130	
2-Fluorophenol (S)	%			76	10-130	
Nitrobenzene-d5 (S)	%			102	10-144	
Phenol-d6 (S)	%			63	10-130	
Terphenyl-d14 (S)	%			154	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3195306 3195307

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527376002 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	101	50	50	166	113	130	23	10-130	38	30	R1	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	48.3	42.8	97	86	12-142	12	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	59.8	56.4	120	113	10-143	6	30		
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.0	53.8	112	108	10-147	4	30		
2,4-Dichlorophenol	ug/L	ND	50	50	55.2	53.4	110	107	10-138	3	30		
2,4-Dimethylphenol	ug/L	ND	50	50	58.6	56.7	117	113	25-130	3	30		
2,4-Dinitrophenol	ug/L	ND	250	250	294	283	118	113	10-165	4	30		
2,4-Dinitrotoluene	ug/L	ND	50	50	56.3	53.9	113	108	29-148	4	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	57.2	54.1	114	108	26-146	6	30		
2-Chloronaphthalene	ug/L	2.0J	50	50	49.4	48.6	95	93	11-130	2	30		
2-Chlorophenol	ug/L	ND	50	50	52.2	49.1	104	98	10-133	6	30		
2-Methylnaphthalene	ug/L	8.4J	50	50	57.3	52.7	98	89	13-130	8	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	53.3	50.4	107	101	20-130	6	30		
2-Nitroaniline	ug/L	ND	100	100	114	108	114	108	24-136	6	30		
2-Nitrophenol	ug/L	ND	50	50	57.4	54.2	115	108	10-153	6	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	49.4	47.9	99	96	16-130	3	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	84.5	101	84	101	10-153	17	30		
3-Nitroaniline	ug/L	ND	100	100	104	104	104	104	22-151	0	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	117	114	117	114	10-180	3	30		
4-Bromophenylphenyl ether	ug/L	ND	50	50	60.7	59.1	121	118	25-130	3	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	112	106	112	106	25-133	6	30		
4-Chloroaniline	ug/L	ND	100	100	91.2	97.6	91	98	14-132	7	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	55.1	51.7	110	103	19-130	6	30		
4-Nitroaniline	ug/L	ND	100	100	114	113	114	113	29-150	1	30		
4-Nitrophenol	ug/L	ND	250	250	165	184	66	74	10-130	11	30		
Acenaphthene	ug/L	48.4	50	50	111	84.5	126	72	16-130	27	30		
Acenaphthylene	ug/L	4.6J	50	50	60.0	55.9	111	103	15-137	7	30		
Aniline	ug/L	ND	50	50	20.4	32.2	41	64	10-130	45	30	R1	
Anthracene	ug/L	ND	50	50	58.4	56.2	117	112	37-136	4	30		
Benzo(a)anthracene	ug/L	ND	50	50	58.1	58.0	116	116	40-145	0	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Parameter	Units	3195306		3195307		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Benzo(b)fluoranthene	ug/L	ND	50	50	60.7	61.0	121	122	39-151	0	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.0	55.7	118	111	40-147	6	30		
Benzo(k)fluoranthene	ug/L	ND	50	50	58.0	58.5	116	117	40-146	1	30		
Benzoic Acid	ug/L	ND	250	250	150	144	60	58	10-130	4	30		
Benzyl alcohol	ug/L	ND	100	100	111	105	111	105	25-130	5	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	54.5	51.2	109	102	23-130	6	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	57.3	52.4	115	105	25-130	9	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	61.0	59.8	122	120	28-166	2	30		
Butylbenzylphthalate	ug/L	ND	50	50	60.4	60.9	121	122	33-165	1	30		
Chrysene	ug/L	ND	50	50	57.6	57.1	115	114	38-141	1	30		
Di-n-butylphthalate	ug/L	ND	50	50	60.4	58.1	121	116	32-153	4	30		
Di-n-octylphthalate	ug/L	ND	50	50	64.8	63.1	130	126	30-175	3	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	60.0	57.5	120	115	39-148	4	30		
Dibenzofuran	ug/L	2.2J	50	50	57.0	53.2	110	102	20-130	7	30		
Diethylphthalate	ug/L	ND	50	50	54.9	53.1	110	106	28-142	3	30		
Dimethylphthalate	ug/L	ND	50	50	54.3	51.8	109	104	26-136	5	30		
Fluoranthene	ug/L	ND	50	50	60.1	58.2	120	116	39-143	3	30		
Fluorene	ug/L	7.5J	50	50	65.1	58.1	115	101	24-132	11	30		
Hexachlorobenzene	ug/L	ND	50	50	55.5	53.2	111	106	29-130	4	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	34.4	37.0	69	74	10-130	7	30		
Hexachloroethane	ug/L	ND	50	50	24.2	20.1	48	40	10-130	19	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	60.7	58.0	121	116	39-148	5	30		
Isophorone	ug/L	ND	50	50	54.6	51.3	109	103	23-130	6	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	57.3	52.1	115	104	25-130	9	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	45.8	46.7	92	93	22-130	2	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	54.9	53.2	110	106	26-134	3	30		
Nitrobenzene	ug/L	ND	50	50	52.6	49.9	105	100	25-130	5	30		
Pentachlorophenol	ug/L	ND	100	100	126	123	126	123	10-175	2	30		
Phenanthrene	ug/L	4.3J	50	50	60.3	57.0	112	105	36-133	6	30		
Phenol	ug/L	2.2J	50	50	32.7	34.8	61	65	10-130	6	30		
Pyrene	ug/L	ND	50	50	56.4	57.4	113	115	40-143	2	30		
2,4,6-Tribromophenol (S)	%						137	134	10-144				
2-Fluorobiphenyl (S)	%						95	79	10-130				
2-Fluorophenol (S)	%						77	79	10-130				
Nitrobenzene-d5 (S)	%						110	100	10-144				
Phenol-d6 (S)	%						60	66	10-130				
Terphenyl-d14 (S)	%						135	139	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

QC Batch:	606504	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3511	Analysis Description:	8270E 3511 Low Volume PAH SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527376001, 92527376002, 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015

METHOD BLANK: 3195355 Matrix: Water

Associated Lab Samples: 92527376001, 92527376002, 92527376003, 92527376004, 92527376005, 92527376006, 92527376007, 92527376008, 92527376009, 92527376010, 92527376011, 92527376012, 92527376013, 92527376014, 92527376015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/15/21 18:32	
2-Fluorobiphenyl (S)	%	114	61-163		03/15/21 18:32	
Nitrobenzene-d5 (S)	%	114	67-170		03/15/21 18:32	
Terphenyl-d14 (S)	%	103	62-169		03/15/21 18:32	

LABORATORY CONTROL SAMPLE: 3195356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.6	103	70-130	
2-Fluorobiphenyl (S)	%			122	61-163	
Nitrobenzene-d5 (S)	%			116	67-170	
Terphenyl-d14 (S)	%			116	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3195357 3195358

Parameter	Units	92527376001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.6	2.6	103	104	50-165	1	30	
2-Fluorobiphenyl (S)	%						113	113	61-163			
Nitrobenzene-d5 (S)	%						6	7	67-170			S2
Terphenyl-d14 (S)	%						125	124	62-169			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 606776 Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527376006, 92527376007

METHOD BLANK: 3196853 Matrix: Water
Associated Lab Samples: 92527376006, 92527376007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/16/21 03:47	

LABORATORY CONTROL SAMPLE: 3196854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196855 3196856

Parameter	Units	92526603002		3196855		3196856		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec				
Sulfide	mg/L	ND	0.5	0.5	0.14	0.14	25	25	80-120	0	10 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196857 3196858

Parameter	Units	92527577024		3196857		3196858		% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS % Rec	MSD % Rec				
Sulfide	mg/L	ND	0.5	0.5	0.51	0.51	101	101	80-120	0	10

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 606641 Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527376006, 92527376007

METHOD BLANK: 3196222 Matrix: Water

Associated Lab Samples: 92527376006, 92527376007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Bromide	mg/L	ND	0.10	0.060	03/16/21 04:09	
Chloride	mg/L	ND	1.0	0.60	03/16/21 04:09	
Fluoride	mg/L	ND	0.10	0.050	03/16/21 04:09	
Sulfate	mg/L	ND	1.0	0.50	03/16/21 04:09	

LABORATORY CONTROL SAMPLE: 3196223

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromide	mg/L	2.5	2.4	95	90-110	
Chloride	mg/L	50	49.5	99	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	52.2	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196224 3196225

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527305006 Result	Spike Conc.	Spike Conc.	Result						
Bromide	mg/L		2.5	2.5	14.7	14.8	80	84	90-110	1	10 M6
Chloride	mg/L	2170	50	50	2220	2220	100	95	90-110	0	10
Fluoride	mg/L		2.5	2.5	8.8	8.5	-6	-18	90-110	3	10 M6
Sulfate	mg/L		50	50	1800	1790	108	101	90-110	0	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196226 3196227

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527315001 Result	Spike Conc.	Spike Conc.	Result						
Bromide	mg/L	1.8	2.5	2.5	3.6J	3.7J	73	77	90-110		10 M6
Chloride	mg/L	1620	50	50	1640	1650	49	61	90-110	0	10 M6
Fluoride	mg/L	ND	2.5	2.5	ND	ND	0	0	90-110		10 M6
Sulfate	mg/L	25.1	50	50	70.0	71.8	90	93	90-110	2	10

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

QC Batch: 607716 Analysis Method: EPA 9060A
QC Batch Method: EPA 9060A Analysis Description: 9060 TOC, AVL
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527376006, 92527376007

METHOD BLANK: 3201563 Matrix: Water
Associated Lab Samples: 92527376006, 92527376007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/L	ND	1.0	0.50	03/18/21 18:10	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/18/21 18:10	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/18/21 18:10	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/18/21 18:10	
Total Organic Carbon	mg/L	ND	1.0	0.50	03/18/21 18:10	

LABORATORY CONTROL SAMPLE: 3201564

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/L	25	25.5	102	75-125	
Total Organic Carbon	mg/L	25	25.1	100	75-125	
Total Organic Carbon	mg/L	25	26.2	105	75-125	
Total Organic Carbon	mg/L	25	24.5	98	75-125	
Total Organic Carbon	mg/L	25	26.3	105	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3201565 3201566

Parameter	Units	MS		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		92527795001 Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Mean Total Organic Carbon	mg/L	21.9	25	25	48.3	48.2	105	105	75-125	0	25		
Total Organic Carbon	mg/L	21.8	25	25	48.3	48.0	106	105	75-125	1	25		
Total Organic Carbon	mg/L	22.5	25	25	48.6	48.3	104	103	75-125	1	25		
Total Organic Carbon	mg/L	21.2	25	25	47.4	47.8	105	107	75-125	1	25		
Total Organic Carbon	mg/L	22.2	25	25	48.8	48.8	106	107	75-125	0	25		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE
Pace Project No.: 92527376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527376006	MW-31TZ_WG_20210310	EPA 3010A	607050	EPA 6010D	607084
92527376007	MW-44BR_WG_20210310	EPA 3010A	607050	EPA 6010D	607084
92527376006	MW-31TZ_WG_20210310	EPA 3010A	606875	EPA 6010D	606886
92527376007	MW-44BR_WG_20210310	EPA 3010A	606875	EPA 6010D	606886
92527376001	MW-2TZ_WG_20210310	EPA 3510C	606478	EPA 8270E	606691
92527376002	MW-2BR_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376003	MW-30S_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376004	MW-30TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376005	MW-31S_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376006	MW-31TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376007	MW-44BR_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376008	MW-32S_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376009	MW-32TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376010	MW-33S_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376011	MW-33TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376012	MW-44TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376013	MW-48TZ_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376014	MW-48S_WG_20210310	EPA 3510C	606492	EPA 8270E	606979
92527376015	FB-01_WG_20210311	EPA 3510C	606492	EPA 8270E	606979
92527376001	MW-2TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376002	MW-2BR_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376003	MW-30S_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376004	MW-30TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376005	MW-31S_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376006	MW-31TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376007	MW-44BR_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376008	MW-32S_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376009	MW-32TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376010	MW-33S_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376011	MW-33TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376012	MW-44TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376013	MW-48TZ_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376014	MW-48S_WG_20210310	EPA 3511	606504	EPA 8270E by SIM	606605
92527376015	FB-01_WG_20210311	EPA 3511	606504	EPA 8270E by SIM	606605
92527376001	MW-2TZ_WG_20210310	EPA 8260D	607594		
92527376002	MW-2BR_WG_20210310	EPA 8260D	606963		
92527376003	MW-30S_WG_20210310	EPA 8260D	606383		
92527376004	MW-30TZ_WG_20210310	EPA 8260D	606383		
92527376005	MW-31S_WG_20210310	EPA 8260D	606383		
92527376006	MW-31TZ_WG_20210310	EPA 8260D	606383		
92527376007	MW-44BR_WG_20210310	EPA 8260D	606383		
92527376008	MW-32S_WG_20210310	EPA 8260D	606383		
92527376009	MW-32TZ_WG_20210310	EPA 8260D	606383		
92527376010	MW-33S_WG_20210310	EPA 8260D	606383		
92527376011	MW-33TZ_WG_20210310	EPA 8260D	606383		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE

Pace Project No.: 92527376

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527376012	MW-44TZ_WG_20210310	EPA 8260D	606383		
92527376013	MW-48TZ_WG_20210310	EPA 8260D	606383		
92527376014	MW-48S_WG_20210310	EPA 8260D	606383		
92527376015	FB-01_WG_20210311	EPA 8260D	606383		
92527376016	TB-01_WG_20210310	EPA 8260D	606383		
92527376017	TB-02_WG_20210310	EPA 8260D	606383		
92527376006	MW-31TZ_WG_20210310	SM 4500-S2D-2011	606776		
92527376007	MW-44BR_WG_20210310	SM 4500-S2D-2011	606776		
92527376006	MW-31TZ_WG_20210310	EPA 300.0 Rev 2.1 1993	606641		
92527376007	MW-44BR_WG_20210310	EPA 300.0 Rev 2.1 1993	606641		
92527376006	MW-31TZ_WG_20210310	EPA 9060A	607716		
92527376007	MW-44BR_WG_20210310	EPA 9060A	607716		

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Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 1 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name:
Synterra

Project #: **WO# : 92527376**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3/12/21 JCO

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 927064 Type of Ice: Wet Blue None

Cooler Temp: 13.35 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 13.35

USDA Regulated Soil (N/A, water sample)
 Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	9.
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Samples MW-48TZ and MW-48S have 1 vial broken for the 8260VOCs.

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S03S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
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7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	3

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

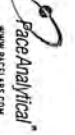
2

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	2	/	3
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10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A	Required Client Information:	Section B	Required Project Information:	Section C	Invoice Information:
Company: Sylterra	Address: 148 River street Suite 220, Greenville, SC 29601	Report To: Tom King	Purchase Order #: Former Bramlette MGP Site	Company Name: Pace Analytical, Inc.	Attention:
Address: 148 River street Suite 220, Greenville, SC 29601	Phone: (803) 429-3668	Copy To:	Project Name:	Address:	Regulatory Agency:
Requested Due Date:	Requested Due Date:	Project #:	Project #:	Pace Profile #:	State / Location:

ITEM #	MATRIX	CODE	MATRIX CODE	SAMPLE TYPE	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test							Residual Chlorine (Y/N)
					START DATE	START TIME	END DATE	END TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N)							
																			8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	

25	MM-35TZ_WG_	WT																													
26	MM-35BR_WG_	WT																													
27	MM-43S_WG_	WT																													
28	MM-43TZ_WG_	WT																													
29	MM-43BR_WG_	WT																													
30	MM-1_WG_	WT																													
31	MM-2TZ_WG_	WT	26210310		3/10/21	10:41			85				3																		
32	MM-2BR_WG_	WT	26210310		3/11/21	11:00			85				3																		
33	MM-3BR_WG_	WT																													
34	MM-3BR_WG_	WT																													
35	MM-21_WG_	WT																													
36	MM-21BR_WG_	WT																													
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Requested Analysis Filtered (Y/N)																TEMP in C	SAMPLE CONDITIONS					
Level 4 data report required			<i>[Signature]</i>	3/11	1225	<i>[Signature]</i>	3-11-21	1225																							
			<i>[Signature]</i>	3/11/21	1420	<i>[Signature]</i>	3/11/21	1420																							
			<i>[Signature]</i>	3-11-21	1930	<i>[Signature]</i>	3/11/21	1930																							

March 29, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528627001	MW-3BR_WG_20210316	Water	03/16/21 11:09	03/18/21 14:00
92528627002	MW-3BRL_WG_20210316	Water	03/16/21 11:50	03/18/21 14:00
92528627003	MW-21BR_WG_20210317	Water	03/17/21 11:31	03/18/21 14:00
92528627004	MW-21BRL_WG_20210317	Water	03/17/21 10:51	03/18/21 14:00
92528627005	MW-39S_WG_20210317	Water	03/17/21 10:49	03/18/21 14:00
92528627006	MW-38S_WG_20210316	Water	03/16/21 12:00	03/18/21 14:00
92528627007	FD-03_WG_20210317	Water	03/17/21 00:00	03/18/21 14:00
92528627008	MW-18_WG_20210316	Water	03/16/21 10:02	03/18/21 14:00
92528627009	FB-05_WG_20210317	Water	03/17/21 11:25	03/18/21 14:00
92528627010	MW-21_WG_20210317	Water	03/17/21 09:27	03/18/21 14:00
92528627011	MW-39BR_WG_20210317	Water	03/17/21 09:57	03/18/21 14:00
92528627012	MW-39BRL_WG_20210317	Water	03/17/21 09:03	03/18/21 14:00
92528627013	MW-45BR_WG_20210316	Water	03/16/21 09:23	03/18/21 14:00
92528627014	MW-46BR_WG_20210316	Water	03/16/21 14:27	03/18/21 14:00
92528627015	MW-47BR_WG_20210316	Water	03/16/21 13:53	03/18/21 14:00
92528627016	MW-38BR_WG_20210316	Water	03/16/21 10:58	03/18/21 14:00
92528627017	TB-08_WG_20210317	Water	03/17/21 00:00	03/18/21 14:00
92528627018	TB-09_WG_20210317	Water	03/17/21 00:00	03/18/21 14:00
92528627019	TB-10_WG_20210317	Water	03/17/21 00:00	03/18/21 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528627001	MW-3BR_WG_20210316	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92528627002	MW-3BRL_WG_20210316	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627003	MW-21BR_WG_20210317	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627004	MW-21BRL_WG_20210317	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627005	MW-39S_WG_20210317	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627006	MW-38S_WG_20210316	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627007	FD-03_WG_20210317	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627008	MW-18_WG_20210316	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92528627009	FB-05_WG_20210317	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92528627010	MW-21_WG_20210317	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	RDT	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
SM 5310B-2011	JLH	1	PASI-A		
92528627011	MW-39BR_WG_20210317	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627012	MW-39BRL_WG_20210317	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627013	MW-45BR_WG_20210316	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627014	MW-46BR_WG_20210316	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92528627015	MW-47BR_WG_20210316	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	RDT, SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528627016	MW-38BR_WG_20210316	SM 5310B-2011	JLH	1	PASI-A
		EPA 6010D	RDT, SH1	2	PASI-A
		EPA 6010D	RDT, SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
92528627017	TB-08_WG_20210317	EPA 300.0 Rev 2.1 1993	CDC	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
		EPA 8260D	PM1	62	PASI-C
92528627018	TB-09_WG_20210317	EPA 8260D	PM1	62	PASI-C
92528627019	TB-10_WG_20210317	EPA 8260D	PM1	62	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92528627001	MW-3BR_WG_20210316					
EPA 8270E	Acenaphthene	6.4J	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Acenaphthylene	16.2	ug/L	10.0	03/23/21 10:57	
EPA 8270E	2,4-Dimethylphenol	39.4	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Fluorene	3.4J	ug/L	10.0	03/23/21 10:57	
EPA 8270E	1-Methylnaphthalene	26.7	ug/L	10.0	03/23/21 10:57	
EPA 8270E	2-Methylnaphthalene	26.0	ug/L	10.0	03/23/21 10:57	
EPA 8270E	Phenol	1.5J	ug/L	10.0	03/23/21 10:57	
EPA 8260D	Benzene	281	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Ethylbenzene	35.8	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Naphthalene	293	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Styrene	11.3	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Toluene	93.1	ug/L	2.5	03/23/21 16:41	
EPA 8260D	Xylene (Total)	60.6	ug/L	2.5	03/23/21 16:41	
EPA 8260D	m&p-Xylene	37.6	ug/L	5.0	03/23/21 16:41	
EPA 8260D	o-Xylene	23.0	ug/L	2.5	03/23/21 16:41	
92528627002	MW-3BRL_WG_20210316					
EPA 8270E	Acenaphthene	56.8	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Acenaphthylene	122	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Anthracene	3.6J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Dibenzofuran	9.1J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	2,4-Dimethylphenol	35.7	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Fluorene	28.8	ug/L	10.0	03/23/21 11:22	
EPA 8270E	1-Methylnaphthalene	237	ug/L	40.0	03/24/21 12:13	
EPA 8270E	2-Methylnaphthalene	358	ug/L	40.0	03/24/21 12:13	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	4.7J	ug/L	10.0	03/23/21 11:22	
EPA 8270E	Phenanthrene	22.3	ug/L	10.0	03/23/21 11:22	
EPA 8260D	Benzene	523	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Ethylbenzene	104	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Naphthalene	2060	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Styrene	17.6	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Toluene	68.2	ug/L	12.5	03/23/21 20:44	
EPA 8260D	Xylene (Total)	107	ug/L	12.5	03/23/21 20:44	
EPA 8260D	m&p-Xylene	66.3	ug/L	25.0	03/23/21 20:44	
EPA 8260D	o-Xylene	40.8	ug/L	12.5	03/23/21 20:44	
92528627004	MW-21BRL_WG_20210317					
EPA 8270E	Acenaphthylene	12.4	ug/L	10.0	03/23/21 14:20	
EPA 8270E	1-Methylnaphthalene	18.2	ug/L	10.0	03/23/21 14:20	
EPA 8270E	2-Methylnaphthalene	32.3	ug/L	10.0	03/23/21 14:20	
EPA 8260D	Benzene	9.5	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Ethylbenzene	14.3	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Naphthalene	451	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Styrene	47.3	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Toluene	86.1	ug/L	5.0	03/24/21 19:21	
EPA 8260D	Xylene (Total)	57.9	ug/L	5.0	03/24/21 19:21	
EPA 8260D	m&p-Xylene	40.4	ug/L	10.0	03/24/21 19:21	
EPA 8260D	o-Xylene	17.5	ug/L	5.0	03/24/21 19:21	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627007	FD-03_WG_20210317					
EPA 8270E	Acenaphthylene	8.1J	ug/L	10.0	03/23/21 16:27	
EPA 8270E	1-Methylnaphthalene	12.3	ug/L	10.0	03/23/21 16:27	
EPA 8270E	2-Methylnaphthalene	21.9	ug/L	10.0	03/23/21 16:27	
EPA 8260D	Benzene	9.6	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Ethylbenzene	17.8	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Naphthalene	675	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Styrene	58.0	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Toluene	97.7	ug/L	5.0	03/24/21 19:39	
EPA 8260D	Xylene (Total)	78.9	ug/L	5.0	03/24/21 19:39	
EPA 8260D	m&p-Xylene	55.6	ug/L	10.0	03/24/21 19:39	
EPA 8260D	o-Xylene	23.3	ug/L	5.0	03/24/21 19:39	
92528627010	MW-21_WG_20210317					
EPA 6010D	Iron	2070	ug/L	50.0	03/24/21 01:54	
EPA 6010D	Manganese	104	ug/L	5.0	03/24/21 01:54	
EPA 6010D	Iron, Dissolved	2040	ug/L	250	03/24/21 21:43	
EPA 6010D	Manganese, Dissolved	98.0	ug/L	25.0	03/24/21 21:43	
EPA 8270E	Fluoranthene	4.0J	ug/L	10.0	03/23/21 17:43	
EPA 8270E	Phenanthrene	2.2J	ug/L	10.0	03/23/21 17:43	
EPA 8270E	Pyrene	3.6J	ug/L	10.0	03/23/21 17:43	
EPA 8260D	Benzene	0.62J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Ethylbenzene	0.40J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Naphthalene	1.2	ug/L	1.0	03/23/21 16:49	
EPA 8260D	Xylene (Total)	0.41J	ug/L	1.0	03/23/21 16:49	
EPA 8260D	o-Xylene	0.41J	ug/L	1.0	03/23/21 16:49	
EPA 300.0 Rev 2.1 1993	Sulfate	22.3	mg/L	1.0	03/22/21 22:24	
SM 5310B-2011	Total Organic Carbon	3.2	mg/L	1.0	03/27/21 00:33	
92528627011	MW-39BR_WG_20210317					
EPA 6010D	Iron	1860	ug/L	50.0	03/24/21 02:07	
EPA 6010D	Manganese	114	ug/L	5.0	03/24/21 02:07	
EPA 6010D	Iron, Dissolved	1690	ug/L	50.0	03/24/21 04:15	
EPA 6010D	Manganese, Dissolved	108	ug/L	5.0	03/24/21 04:15	
EPA 8260D	1,2-Dichlorobenzene	0.38J	ug/L	1.0	03/23/21 16:31	
EPA 8260D	1,3-Dichlorobenzene	0.56J	ug/L	1.0	03/23/21 16:31	
EPA 300.0 Rev 2.1 1993	Sulfate	35.7	mg/L	1.0	03/22/21 22:38	
SM 5310B-2011	Total Organic Carbon	0.62J	mg/L	1.0	03/27/21 03:25	
92528627012	MW-39BRL_WG_20210317					
EPA 6010D	Iron	91.8	ug/L	50.0	03/24/21 02:10	
EPA 6010D	Manganese	4.8J	ug/L	5.0	03/24/21 02:10	
EPA 6010D	Iron, Dissolved	52.2	ug/L	50.0	03/24/21 04:19	
EPA 6010D	Manganese, Dissolved	7.8	ug/L	5.0	03/24/21 04:19	
SM 4500-S2D-2011	Sulfide	0.54	mg/L	0.10	03/23/21 05:51	
EPA 300.0 Rev 2.1 1993	Sulfate	586	mg/L	12.0	03/23/21 11:58	
SM 5310B-2011	Total Organic Carbon	51.7	mg/L	2.0	03/27/21 19:17	
92528627013	MW-45BR_WG_20210316					
EPA 6010D	Iron	64.3	ug/L	50.0	03/24/21 02:14	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92528627013	MW-45BR_WG_20210316					
EPA 6010D	Iron, Dissolved	10900	ug/L	50.0	03/24/21 04:22	
EPA 6010D	Manganese, Dissolved	83.9	ug/L	5.0	03/24/21 04:22	
EPA 8270E	Acenaphthene	2.3J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	1-Methylnaphthalene	6.8J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	2-Methylnaphthalene	8.3J	ug/L	10.0	03/23/21 18:59	
EPA 8270E	Phenol	2.8J	ug/L	10.0	03/23/21 18:59	
EPA 8260D	Acetone	260	ug/L	25.0	03/23/21 16:06	
EPA 8260D	Benzene	142	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Ethylbenzene	16.6	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Naphthalene	172	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Styrene	6.9	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Toluene	40.7	ug/L	1.0	03/23/21 16:06	
EPA 8260D	Xylene (Total)	23.3	ug/L	1.0	03/23/21 16:06	
EPA 8260D	m&p-Xylene	13.7	ug/L	2.0	03/23/21 16:06	
EPA 8260D	o-Xylene	9.6	ug/L	1.0	03/23/21 16:06	
SM 4500-S2D-2011	Sulfide	0.10	mg/L	0.10	03/23/21 05:43	
EPA 300.0 Rev 2.1 1993	Sulfate	118	mg/L	3.0	03/23/21 12:13	
SM 5310B-2011	Total Organic Carbon	22.8	mg/L	1.0	03/27/21 04:00	
92528627014	MW-46BR_WG_20210316					
EPA 6010D	Iron	348	ug/L	50.0	03/24/21 02:17	
EPA 6010D	Manganese	7.4	ug/L	5.0	03/24/21 02:17	
EPA 6010D	Iron, Dissolved	260	ug/L	50.0	03/24/21 04:25	
EPA 6010D	Manganese, Dissolved	6.3	ug/L	5.0	03/24/21 04:25	
EPA 8260D	Naphthalene	11.4	ug/L	1.0	03/23/21 17:07	
EPA 8260D	Toluene	0.82J	ug/L	1.0	03/23/21 17:07	
SM 4500-S2D-2011	Sulfide	0.51	mg/L	0.10	03/23/21 05:44	
EPA 300.0 Rev 2.1 1993	Sulfate	4.2	mg/L	1.0	03/22/21 23:18	
SM 5310B-2011	Total Organic Carbon	4.1	mg/L	1.0	03/27/21 04:20	
92528627015	MW-47BR_WG_20210316					
EPA 6010D	Iron	159	ug/L	50.0	03/24/21 02:20	
EPA 6010D	Iron, Dissolved	79.7	ug/L	50.0	03/24/21 21:46	
EPA 8270E	Acenaphthene	3.1J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Acenaphthylene	40.8	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Benzyl alcohol	5.3J	ug/L	20.0	03/23/21 19:50	
EPA 8270E	2,4-Dimethylphenol	15.2	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Fluorene	6.7J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	1-Methylnaphthalene	63.9	ug/L	10.0	03/23/21 19:50	
EPA 8270E	2-Methylnaphthalene	97.9	ug/L	10.0	03/23/21 19:50	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	7.1J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Phenanthrene	6.7J	ug/L	10.0	03/23/21 19:50	
EPA 8270E	Phenol	3.0J	ug/L	10.0	03/23/21 19:50	
EPA 8260D	Acetone	253	ug/L	250	03/23/21 02:23	
EPA 8260D	Benzene	194	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Ethylbenzene	263	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Naphthalene	1630	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Styrene	73.6	ug/L	10.0	03/23/21 02:23	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528627015	MW-47BR_WG_20210316					
EPA 8260D	Toluene	1770	ug/L	10.0	03/23/21 02:23	
EPA 8260D	Xylene (Total)	1380	ug/L	10.0	03/23/21 02:23	
EPA 8260D	m&p-Xylene	881	ug/L	20.0	03/23/21 02:23	
EPA 8260D	o-Xylene	499	ug/L	10.0	03/23/21 02:23	
EPA 300.0 Rev 2.1 1993	Sulfate	24.1	mg/L	1.0	03/22/21 23:32	
SM 5310B-2011	Total Organic Carbon	35.2	mg/L	1.0	03/27/21 04:36	
92528627016	MW-38BR_WG_20210316					
EPA 6010D	Manganese	12.6	ug/L	5.0	03/24/21 02:37	
EPA 6010D	Manganese, Dissolved	11.9	ug/L	5.0	03/24/21 04:45	
EPA 300.0 Rev 2.1 1993	Sulfate	10.3	mg/L	1.0	03/22/21 23:45	
SM 5310B-2011	Total Organic Carbon	2.7	mg/L	1.0	03/27/21 04:56	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 6010D

Description: 6010 MET ICP

Client: Duke Energy

Date: March 29, 2021

General Information:

7 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: EPA 6010D
Description: 6010 MET ICP, Dissolved
Client: Duke Energy
Date: March 29, 2021

General Information:

7 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: March 29, 2021

General Information:

16 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 608184

S0: Surrogate recovery outside laboratory control limits.

- MW-21BRL_WG_20210317 (Lab ID: 92528627004)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608184

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528627005

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3203916)
- Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3203917)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 29, 2021

QC Batch: 608184

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528627005

R1: RPD value was outside control limits.

- 1-Methylnaphthalene
- 2,2'-Oxybis(1-chloropropane)
- 2,4,5-Trichlorophenol
- 2,4,6-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrotoluene
- 2,6-Dinitrotoluene
- 2-Chloronaphthalene
- 2-Chlorophenol
- 2-Methylnaphthalene
- 2-Methylphenol(o-Cresol)
- 2-Nitroaniline
- 2-Nitrophenol
- 3-Nitroaniline
- 4-Bromophenylphenyl ether
- 4-Chloro-3-methylphenol
- 4-Chloroaniline
- 4-Chlorophenylphenyl ether
- 4-Nitroaniline
- Acenaphthene
- Acenaphthylene
- Aniline
- Anthracene
- Benzyl alcohol
- Dibenzofuran
- Diethylphthalate
- Dimethylphthalate
- Fluorene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- Hexachloroethane
- Isophorone
- N-Nitroso-di-n-propylamine
- N-Nitrosodiphenylamine
- Nitrobenzene
- bis(2-Chloroethoxy)methane
- bis(2-Chloroethyl) ether

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Method: EPA 8270E by SIM
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 29, 2021

General Information:

16 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 608418

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- MW-3BRL_WG_20210316 (Lab ID: 92528627002)
 - Nitrobenzene-d5 (S)
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
 - Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 29, 2021

General Information:

19 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 608279

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3204477)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- LCS (Lab ID: 3204478)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MS (Lab ID: 3204479)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MSD (Lab ID: 3204480)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-47BR_WG_20210316 (Lab ID: 92528627015)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3205005)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- LCS (Lab ID: 3205006)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MS (Lab ID: 3205007)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 29, 2021

QC Batch: 608458

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Diisopropyl ether
- Vinyl acetate
- MSD (Lab ID: 3205008)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate
- MW-45BR_WG_20210316 (Lab ID: 92528627013)
 - Bromoform
 - Diisopropyl ether
 - Vinyl acetate

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 608257

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3204305)
 - Chloromethane
- FB-05_WG_20210317 (Lab ID: 92528627009)
 - Chloromethane
- TB-08_WG_20210317 (Lab ID: 92528627017)
 - Chloromethane
- TB-09_WG_20210317 (Lab ID: 92528627018)
 - Chloromethane
- TB-10_WG_20210317 (Lab ID: 92528627019)
 - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3204306)
 - Chloromethane
- MS (Lab ID: 3204307)
 - Chloromethane
- MSD (Lab ID: 3204308)
 - Chloromethane

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 29, 2021

QC Batch: 608267

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3204394)
 - Bromomethane
 - Chloromethane
- MW-18_WG_20210316 (Lab ID: 92528627008)
 - Bromomethane
 - Chloromethane
- MW-21_WG_20210317 (Lab ID: 92528627010)
 - Bromomethane
 - Chloromethane
- MW-38BR_WG_20210316 (Lab ID: 92528627016)
 - Bromomethane
 - Chloromethane
- MW-38S_WG_20210316 (Lab ID: 92528627006)
 - Bromomethane
 - Chloromethane
- MW-39BRL_WG_20210317 (Lab ID: 92528627012)
 - Bromomethane
 - Chloromethane
- MW-39BR_WG_20210317 (Lab ID: 92528627011)
 - Bromomethane
 - Chloromethane
- MW-39S_WG_20210317 (Lab ID: 92528627005)
 - Bromomethane
 - Chloromethane
- MW-3BRL_WG_20210316 (Lab ID: 92528627002)
 - Bromomethane
 - Chloromethane
- MW-46BR_WG_20210316 (Lab ID: 92528627014)
 - Bromomethane
 - Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3204395)
 - Bromomethane
 - Chloromethane
- MS (Lab ID: 3204396)
 - Chloromethane
- MSD (Lab ID: 3204397)
 - Chloromethane

QC Batch: 608279

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3204479)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 29, 2021

QC Batch: 608279

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Bromomethane
- MSD (Lab ID: 3204480)
- Bromomethane

QC Batch: 608458

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3205005)
 - Bromomethane
- MW-3BR_WG_20210316 (Lab ID: 92528627001)
 - Bromomethane
- MW-45BR_WG_20210316 (Lab ID: 92528627013)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3205006)
 - Bromomethane
- MS (Lab ID: 3205007)
 - Bromomethane
- MSD (Lab ID: 3205008)
 - Bromomethane

QC Batch: 608862

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3206865)
 - Bromomethane
- FD-03_WG_20210317 (Lab ID: 92528627007)
 - Bromomethane
- MW-21BRL_WG_20210317 (Lab ID: 92528627004)
 - Bromomethane
- MW-21BR_WG_20210317 (Lab ID: 92528627003)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3206866)
 - Bromomethane
- MS (Lab ID: 3206867)
 - Bromomethane
- MSD (Lab ID: 3206868)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 29, 2021

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608279

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528874001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3204479)
 - 1,2,3-Trichlorobenzene
 - 1,2,4-Trichlorobenzene
- MSD (Lab ID: 3204480)
 - 1,2,3-Trichlorobenzene

QC Batch: 608458

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527960015

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3205008)
 - Naphthalene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: SM 4500-S2D-2011

Description: 4500S2D Sulfide Water

Client: Duke Energy

Date: March 29, 2021

General Information:

7 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: EPA 300.0 Rev 2.1 1993

Description: 300.0 IC Anions 28 Days

Client: Duke Energy

Date: March 29, 2021

General Information:

7 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608283

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528546001,92528730001

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3204502)
 - Sulfate
- MSD (Lab ID: 3204503)
 - Sulfate

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Method: SM 5310B-2011

Description: 5310B TOC

Client: Duke Energy

Date: March 29, 2021

General Information:

7 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID:** 92528627001 Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	6.4J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	83-32-9	
Acenaphthylene	16.2	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 10:57	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 10:57	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 10:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 10:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 10:57	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 10:57	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 10:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 10:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 10:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 10:57	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 10:57	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 10:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 10:57	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 10:57	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 10:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	84-66-2	
2,4-Dimethylphenol	39.4	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 10:57	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 10:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 10:57	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 10:57	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	206-44-0	
Fluorene	3.4J	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 10:57	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 10:57	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 10:57	78-59-1	
1-Methylnaphthalene	26.7	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	90-12-0	
2-Methylnaphthalene	26.0	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 10:57	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 10:57	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 10:57	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 10:57	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 10:57	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 10:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 10:57	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 10:57	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 10:57	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 10:57	85-01-8	
Phenol	1.5J	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 10:57	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 10:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 10:57	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	10-144		1	03/22/21 11:39	03/23/21 10:57	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 10:57	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/22/21 11:39	03/23/21 10:57	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/22/21 11:39	03/23/21 10:57	13127-88-3	
2-Fluorophenol (S)	41	%	10-130		1	03/22/21 11:39	03/23/21 10:57	367-12-4	
2,4,6-Tribromophenol (S)	74	%	10-144		1	03/22/21 11:39	03/23/21 10:57	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 12:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	9	%	67-170		1	03/23/21 11:16	03/23/21 12:41	4165-60-0	S5
2-Fluorobiphenyl (S)	119	%	61-163		1	03/23/21 11:16	03/23/21 12:41	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/23/21 11:16	03/23/21 12:41	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	62.5	12.8	2.5		03/23/21 16:41	67-64-1	
Benzene	281	ug/L	2.5	0.86	2.5		03/23/21 16:41	71-43-2	
Bromobenzene	ND	ug/L	2.5	0.72	2.5		03/23/21 16:41	108-86-1	
Bromochloromethane	ND	ug/L	2.5	1.2	2.5		03/23/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	2.5	0.77	2.5		03/23/21 16:41	75-27-4	
Bromoform	ND	ug/L	2.5	0.85	2.5		03/23/21 16:41	75-25-2	IK
Bromomethane	ND	ug/L	5.0	4.2	2.5		03/23/21 16:41	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	12.5	9.9	2.5		03/23/21 16:41	78-93-3	
Carbon tetrachloride	ND	ug/L	2.5	0.83	2.5		03/23/21 16:41	56-23-5	
Chlorobenzene	ND	ug/L	2.5	0.71	2.5		03/23/21 16:41	108-90-7	
Chloroethane	ND	ug/L	2.5	1.6	2.5		03/23/21 16:41	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 Lab ID: 92528627001 Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	12.5	3.9	2.5	03/23/21 16:41	67-66-3		
Chloromethane	ND	ug/L	2.5	1.4	2.5	03/23/21 16:41	74-87-3		
2-Chlorotoluene	ND	ug/L	2.5	0.80	2.5	03/23/21 16:41	95-49-8		
4-Chlorotoluene	ND	ug/L	2.5	0.81	2.5	03/23/21 16:41	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	0.85	2.5	03/23/21 16:41	96-12-8		
Dibromochloromethane	ND	ug/L	2.5	0.90	2.5	03/23/21 16:41	124-48-1		
Dibromomethane	ND	ug/L	2.5	0.98	2.5	03/23/21 16:41	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.5	0.85	2.5	03/23/21 16:41	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.5	0.85	2.5	03/23/21 16:41	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.5	0.83	2.5	03/23/21 16:41	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.5	0.86	2.5	03/23/21 16:41	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.5	0.92	2.5	03/23/21 16:41	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.5	0.80	2.5	03/23/21 16:41	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.5	0.87	2.5	03/23/21 16:41	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.5	0.96	2.5	03/23/21 16:41	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.5	0.99	2.5	03/23/21 16:41	156-60-5		
1,2-Dichloropropane	ND	ug/L	2.5	0.89	2.5	03/23/21 16:41	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.5	0.71	2.5	03/23/21 16:41	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.5	0.97	2.5	03/23/21 16:41	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.5	1.1	2.5	03/23/21 16:41	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.5	0.91	2.5	03/23/21 16:41	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.5	0.91	2.5	03/23/21 16:41	10061-02-6		
Diisopropyl ether	ND	ug/L	2.5	0.77	2.5	03/23/21 16:41	108-20-3		IK
Ethylbenzene	35.8	ug/L	2.5	0.76	2.5	03/23/21 16:41	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.8	2.5	03/23/21 16:41	87-68-3		
2-Hexanone	ND	ug/L	12.5	1.2	2.5	03/23/21 16:41	591-78-6		
p-Isopropyltoluene	ND	ug/L	2.5	1.0	2.5	03/23/21 16:41	99-87-6		
Methylene Chloride	ND	ug/L	12.5	4.9	2.5	03/23/21 16:41	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	12.5	6.8	2.5	03/23/21 16:41	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.5	1.1	2.5	03/23/21 16:41	1634-04-4		
Naphthalene	293	ug/L	2.5	1.6	2.5	03/23/21 16:41	91-20-3		
Styrene	11.3	ug/L	2.5	0.73	2.5	03/23/21 16:41	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.5	0.78	2.5	03/23/21 16:41	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	0.56	2.5	03/23/21 16:41	79-34-5		
Tetrachloroethene	ND	ug/L	2.5	0.73	2.5	03/23/21 16:41	127-18-4		
Toluene	93.1	ug/L	2.5	1.2	2.5	03/23/21 16:41	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.5	2.0	2.5	03/23/21 16:41	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.5	1.6	2.5	03/23/21 16:41	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.5	0.83	2.5	03/23/21 16:41	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.5	0.81	2.5	03/23/21 16:41	79-00-5		
Trichloroethene	ND	ug/L	2.5	0.96	2.5	03/23/21 16:41	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.5	0.74	2.5	03/23/21 16:41	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.5	0.65	2.5	03/23/21 16:41	96-18-4		
Vinyl acetate	ND	ug/L	5.0	3.3	2.5	03/23/21 16:41	108-05-4		IK
Vinyl chloride	ND	ug/L	2.5	0.96	2.5	03/23/21 16:41	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BR_WG_20210316 **Lab ID: 92528627001** Collected: 03/16/21 11:09 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	60.6	ug/L	2.5	0.84	2.5		03/23/21 16:41	1330-20-7	
m&p-Xylene	37.6	ug/L	5.0	1.8	2.5		03/23/21 16:41	179601-23-1	
o-Xylene	23.0	ug/L	2.5	0.84	2.5		03/23/21 16:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		2.5		03/23/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		2.5		03/23/21 16:41	17060-07-0	
Toluene-d8 (S)	106	%	70-130		2.5		03/23/21 16:41	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 Lab ID: 92528627002 Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
Pace Analytical Services - Charlotte									
Acenaphthene	56.8	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	83-32-9	
Acenaphthylene	122	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	62-53-3	
Anthracene	3.6J	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 11:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 11:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 11:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 11:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 11:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 11:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 11:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 11:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 11:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 11:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 11:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 11:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 11:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 11:22	53-70-3	
Dibenzofuran	9.1J	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 11:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	84-66-2	
2,4-Dimethylphenol	35.7	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 11:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 11:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 11:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 11:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	206-44-0	
Fluorene	28.8	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 11:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 11:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 11:22	78-59-1	
1-Methylnaphthalene	237	ug/L	40.0	8.1	4	03/22/21 11:39	03/24/21 12:13	90-12-0	
2-Methylnaphthalene	358	ug/L	40.0	7.5	4	03/22/21 11:39	03/24/21 12:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	4.7J	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 11:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 11:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 11:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 11:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 11:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 11:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 11:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 11:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 11:22	87-86-5	
Phenanthrene	22.3	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 11:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 11:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 11:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 11:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/22/21 11:39	03/23/21 11:22	4165-60-0	
2-Fluorobiphenyl (S)	95	%	10-130		1	03/22/21 11:39	03/23/21 11:22	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 11:22	1718-51-0	
Phenol-d6 (S)	56	%	10-130		1	03/22/21 11:39	03/23/21 11:22	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/22/21 11:39	03/23/21 11:22	367-12-4	
2,4,6-Tribromophenol (S)	120	%	10-144		1	03/22/21 11:39	03/23/21 11:22	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	40	%	67-170		1	03/23/21 11:16	03/23/21 13:03	4165-60-0	S5
2-Fluorobiphenyl (S)	108	%	61-163		1	03/23/21 11:16	03/23/21 13:03	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/23/21 11:16	03/23/21 13:03	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	312	63.9	12.5		03/23/21 20:44	67-64-1	
Benzene	523	ug/L	12.5	4.3	12.5		03/23/21 20:44	71-43-2	
Bromobenzene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	108-86-1	
Bromochloromethane	ND	ug/L	12.5	5.8	12.5		03/23/21 20:44	74-97-5	
Bromodichloromethane	ND	ug/L	12.5	3.8	12.5		03/23/21 20:44	75-27-4	
Bromoform	ND	ug/L	12.5	4.3	12.5		03/23/21 20:44	75-25-2	
Bromomethane	ND	ug/L	25.0	20.8	12.5		03/23/21 20:44	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	62.5	49.5	12.5		03/23/21 20:44	78-93-3	
Carbon tetrachloride	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	56-23-5	
Chlorobenzene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	108-90-7	
Chloroethane	ND	ug/L	12.5	8.1	12.5		03/23/21 20:44	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID:** 92528627002 **Collected:** 03/16/21 11:50 **Received:** 03/18/21 14:00 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	62.5	19.5	12.5		03/23/21 20:44	67-66-3	
Chloromethane	ND	ug/L	12.5	6.8	12.5		03/23/21 20:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	4.2	12.5		03/23/21 20:44	96-12-8	
Dibromochloromethane	ND	ug/L	12.5	4.5	12.5		03/23/21 20:44	124-48-1	
Dibromomethane	ND	ug/L	12.5	4.9	12.5		03/23/21 20:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	12.5	4.3	12.5		03/23/21 20:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	12.5	4.6	12.5		03/23/21 20:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	12.5	4.0	12.5		03/23/21 20:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	12.5	4.4	12.5		03/23/21 20:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	12.5	5.0	12.5		03/23/21 20:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	12.5	4.4	12.5		03/23/21 20:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	12.5	5.3	12.5		03/23/21 20:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	12.5	4.6	12.5		03/23/21 20:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	12.5	4.5	12.5		03/23/21 20:44	10061-02-6	
Diisopropyl ether	ND	ug/L	12.5	3.8	12.5		03/23/21 20:44	108-20-3	
Ethylbenzene	104	ug/L	12.5	3.8	12.5		03/23/21 20:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	25.0	19.1	12.5		03/23/21 20:44	87-68-3	
2-Hexanone	ND	ug/L	62.5	6.0	12.5		03/23/21 20:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	12.5	5.2	12.5		03/23/21 20:44	99-87-6	
Methylene Chloride	ND	ug/L	62.5	24.4	12.5		03/23/21 20:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	62.5	33.9	12.5		03/23/21 20:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	12.5	5.3	12.5		03/23/21 20:44	1634-04-4	
Naphthalene	2060	ug/L	12.5	8.1	12.5		03/23/21 20:44	91-20-3	
Styrene	17.6	ug/L	12.5	3.6	12.5		03/23/21 20:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	12.5	3.9	12.5		03/23/21 20:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	12.5	2.8	12.5		03/23/21 20:44	79-34-5	
Tetrachloroethene	ND	ug/L	12.5	3.6	12.5		03/23/21 20:44	127-18-4	
Toluene	68.2	ug/L	12.5	6.1	12.5		03/23/21 20:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	12.5	10.1	12.5		03/23/21 20:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	12.5	8.0	12.5		03/23/21 20:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	12.5	4.2	12.5		03/23/21 20:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	12.5	4.1	12.5		03/23/21 20:44	79-00-5	
Trichloroethene	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	12.5	3.7	12.5		03/23/21 20:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	12.5	3.3	12.5		03/23/21 20:44	96-18-4	
Vinyl acetate	ND	ug/L	25.0	16.4	12.5		03/23/21 20:44	108-05-4	
Vinyl chloride	ND	ug/L	12.5	4.8	12.5		03/23/21 20:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-3BRL_WG_20210316 **Lab ID: 92528627002** Collected: 03/16/21 11:50 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	107	ug/L	12.5	4.2	12.5		03/23/21 20:44	1330-20-7	
m&p-Xylene	66.3	ug/L	25.0	8.9	12.5		03/23/21 20:44	179601-23-1	
o-Xylene	40.8	ug/L	12.5	4.2	12.5		03/23/21 20:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		12.5		03/23/21 20:44	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		12.5		03/23/21 20:44	17060-07-0	
Toluene-d8 (S)	88	%	70-130		12.5		03/23/21 20:44	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 Lab ID: 92528627003 Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 13:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 13:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 13:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 13:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 13:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 13:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 13:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 13:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 13:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 13:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 13:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 13:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 13:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 13:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 13:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 13:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 13:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 13:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 13:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 13:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 13:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 13:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 13:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 13:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 13:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 13:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 13:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 13:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 13:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 13:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 13:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 13:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 13:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 13:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 13:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-144		1	03/22/21 11:39	03/23/21 13:55	4165-60-0	
2-Fluorobiphenyl (S)	65	%	10-130		1	03/22/21 11:39	03/23/21 13:55	321-60-8	
Terphenyl-d14 (S)	85	%	34-163		1	03/22/21 11:39	03/23/21 13:55	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/22/21 11:39	03/23/21 13:55	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/22/21 11:39	03/23/21 13:55	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/22/21 11:39	03/23/21 13:55	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	03/23/21 11:16	03/23/21 13:24	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 13:24	321-60-8	
Terphenyl-d14 (S)	120	%	62-169		1	03/23/21 11:16	03/23/21 13:24	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/24/21 13:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/24/21 13:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/24/21 13:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/24/21 13:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/24/21 13:37	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/24/21 13:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/24/21 13:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/24/21 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/24/21 13:37	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 Lab ID: 92528627003 Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/24/21 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/24/21 13:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/21 13:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/24/21 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/24/21 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/24/21 13:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/24/21 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/24/21 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/24/21 13:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/24/21 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/24/21 13:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/24/21 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/24/21 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/24/21 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/24/21 13:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/24/21 13:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/24/21 13:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/24/21 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/21 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/24/21 13:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/24/21 13:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/24/21 13:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/24/21 13:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/24/21 13:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/24/21 13:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/24/21 13:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/24/21 13:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/24/21 13:37	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/24/21 13:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/24/21 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/24/21 13:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/24/21 13:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/24/21 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/24/21 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/24/21 13:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/24/21 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/24/21 13:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/24/21 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/24/21 13:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/24/21 13:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/24/21 13:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/24/21 13:37	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BR_WG_20210317 **Lab ID: 92528627003** Collected: 03/17/21 11:31 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/24/21 13:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/24/21 13:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/24/21 13:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		03/24/21 13:37	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		03/24/21 13:37	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/24/21 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID:** 92528627004 **Collected:** 03/17/21 10:51 **Received:** 03/18/21 14:00 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	83-32-9	
Acenaphthylene	12.4	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 14:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 14:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 14:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 14:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 14:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 14:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 14:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 14:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 14:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 14:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 14:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 14:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 14:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:20	78-59-1	
1-Methylnaphthalene	18.2	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	90-12-0	
2-Methylnaphthalene	32.3	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 14:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 14:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 14:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 14:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	03/22/21 11:39	03/23/21 14:20	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/22/21 11:39	03/23/21 14:20	321-60-8	
Terphenyl-d14 (S)	169	%	34-163		1	03/22/21 11:39	03/23/21 14:20	1718-51-0	S0
Phenol-d6 (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 14:20	13127-88-3	
2-Fluorophenol (S)	70	%	10-130		1	03/22/21 11:39	03/23/21 14:20	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/22/21 11:39	03/23/21 14:20	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 13:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	03/23/21 11:16	03/23/21 13:46	4165-60-0	
2-Fluorobiphenyl (S)	125	%	61-163		1	03/23/21 11:16	03/23/21 13:46	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/23/21 11:16	03/23/21 13:46	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	125	25.6	5		03/24/21 19:21	67-64-1	
Benzene	9.5	ug/L	5.0	1.7	5		03/24/21 19:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/24/21 19:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:21	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/24/21 19:21	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/24/21 19:21	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/24/21 19:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:21	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/24/21 19:21	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 Lab ID: 92528627004 Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	25.0	7.8	5		03/24/21 19:21	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/24/21 19:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/24/21 19:21	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/24/21 19:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/24/21 19:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/24/21 19:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/24/21 19:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/24/21 19:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/24/21 19:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/24/21 19:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:21	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/24/21 19:21	108-20-3	
Ethylbenzene	14.3	ug/L	5.0	1.5	5		03/24/21 19:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/24/21 19:21	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/24/21 19:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/24/21 19:21	99-87-6	
Methylene Chloride	ND	ug/L	25.0	9.8	5		03/24/21 19:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/24/21 19:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/24/21 19:21	1634-04-4	
Naphthalene	451	ug/L	5.0	3.2	5		03/24/21 19:21	91-20-3	
Styrene	47.3	ug/L	5.0	1.5	5		03/24/21 19:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/24/21 19:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/24/21 19:21	127-18-4	
Toluene	86.1	ug/L	5.0	2.4	5		03/24/21 19:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/24/21 19:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/24/21 19:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/24/21 19:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:21	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/24/21 19:21	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/24/21 19:21	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/24/21 19:21	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21BRL_WG_20210317 **Lab ID: 92528627004** Collected: 03/17/21 10:51 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	57.9	ug/L	5.0	1.7	5		03/24/21 19:21	1330-20-7	
m&p-Xylene	40.4	ug/L	10.0	3.5	5		03/24/21 19:21	179601-23-1	
o-Xylene	17.5	ug/L	5.0	1.7	5		03/24/21 19:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		03/24/21 19:21	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		5		03/24/21 19:21	17060-07-0	
Toluene-d8 (S)	101	%	70-130		5		03/24/21 19:21	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	83-32-9	R1
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	208-96-8	R1
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 14:45	120-12-7	R1
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 14:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 14:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 14:45	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 14:45	100-51-6	R1
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:45	101-55-3	R1
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 14:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 14:45	59-50-7	R1
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 14:45	106-47-8	R1
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 14:45	111-91-1	R1
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	111-44-4	R1
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	91-58-7	R1
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	95-57-8	R1
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	7005-72-3	R1
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 14:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	132-64-9	R1
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 14:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	120-83-2	R1
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	84-66-2	R1
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	105-67-9	R1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	131-11-3	R1
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 14:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 14:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	121-14-2	R1
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	606-20-2	R1
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 14:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 14:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 14:45	86-73-7	R1
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	118-74-1	R1
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	67-72-1	R1
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 14:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 14:45	78-59-1	R1
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	90-12-0	R1
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	91-57-6	R1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	95-48-7	R1
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 Lab ID: 92528627005 Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 14:45	88-74-4	R1
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:45	99-09-2	R1
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 14:45	100-01-6	R1
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	98-95-3	R1
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	88-75-5	R1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 14:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 14:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 14:45	621-64-7	R1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 14:45	86-30-6	R1
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 14:45	108-60-1	R1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 14:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 14:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 14:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 14:45	95-95-4	R1
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 14:45	88-06-2	R1
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	03/22/21 11:39	03/23/21 14:45	4165-60-0	
2-Fluorobiphenyl (S)	92	%	10-130		1	03/22/21 11:39	03/23/21 14:45	321-60-8	
Terphenyl-d14 (S)	151	%	34-163		1	03/22/21 11:39	03/23/21 14:45	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/22/21 11:39	03/23/21 14:45	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 14:45	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-144		1	03/22/21 11:39	03/23/21 14:45	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	120	%	67-170		1	03/23/21 11:16	03/23/21 14:08	4165-60-0	
2-Fluorobiphenyl (S)	133	%	61-163		1	03/23/21 11:16	03/23/21 14:08	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 14:08	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:44	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 Lab ID: 92528627005 Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 17:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 17:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:44	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39S_WG_20210317 **Lab ID: 92528627005** Collected: 03/17/21 10:49 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 17:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/23/21 17:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/23/21 17:44	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 Lab ID: 92528627006 Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	03/22/21 11:39	03/23/21 16:01	4165-60-0	
2-Fluorobiphenyl (S)	76	%	10-130		1	03/22/21 11:39	03/23/21 16:01	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 16:01	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/22/21 11:39	03/23/21 16:01	13127-88-3	
2-Fluorophenol (S)	57	%	10-130		1	03/22/21 11:39	03/23/21 16:01	367-12-4	
2,4,6-Tribromophenol (S)	87	%	10-144		1	03/22/21 11:39	03/23/21 16:01	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 15:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	119	%	67-170		1	03/23/21 11:16	03/23/21 15:13	4165-60-0	
2-Fluorobiphenyl (S)	127	%	61-163		1	03/23/21 11:16	03/23/21 15:13	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 15:13	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:25	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:25	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:25	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:25	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 Lab ID: 92528627006 Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:25	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:25	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:25	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:25	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:25	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:25	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:25	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:25	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:25	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 17:25	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:25	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 17:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:25	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38S_WG_20210316 **Lab ID: 92528627006** Collected: 03/16/21 12:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 17:25	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 17:25	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		03/23/21 17:25	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: **FD-03_WG_20210317** Lab ID: **92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	83-32-9	
Acenaphthylene	8.1J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:27	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:27	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:27	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:27	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:27	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:27	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:27	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:27	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:27	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:27	78-59-1	
1-Methylnaphthalene	12.3	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	90-12-0	
2-Methylnaphthalene	21.9	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID:** 92528627007 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:27	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:27	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:27	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:27	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:27	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:27	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:27	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	10-144		1	03/22/21 11:39	03/23/21 16:27	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	03/22/21 11:39	03/23/21 16:27	321-60-8	
Terphenyl-d14 (S)	109	%	34-163		1	03/22/21 11:39	03/23/21 16:27	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/22/21 11:39	03/23/21 16:27	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/22/21 11:39	03/23/21 16:27	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/22/21 11:39	03/23/21 16:27	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 15:34	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/23/21 11:16	03/23/21 15:34	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/23/21 11:16	03/23/21 15:34	321-60-8	
Terphenyl-d14 (S)	117	%	62-169		1	03/23/21 11:16	03/23/21 15:34	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	125	25.6	5		03/24/21 19:39	67-64-1	
Benzene	9.6	ug/L	5.0	1.7	5		03/24/21 19:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	2.3	5		03/24/21 19:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:39	75-27-4	
Bromoform	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-25-2	
Bromomethane	ND	ug/L	10.0	8.3	5		03/24/21 19:39	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	25.0	19.8	5		03/24/21 19:39	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	1.7	5		03/24/21 19:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.4	5		03/24/21 19:39	108-90-7	
Chloroethane	ND	ug/L	5.0	3.2	5		03/24/21 19:39	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: **FD-03_WG_20210317** Lab ID: **92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	25.0	7.8	5		03/24/21 19:39	67-66-3	
Chloromethane	ND	ug/L	5.0	2.7	5		03/24/21 19:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		03/24/21 19:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	1.7	5		03/24/21 19:39	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	124-48-1	
Dibromomethane	ND	ug/L	5.0	2.0	5		03/24/21 19:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	1.7	5		03/24/21 19:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.0	5		03/24/21 19:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.8	5		03/24/21 19:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		03/24/21 19:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1.9	5		03/24/21 19:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.1	5		03/24/21 19:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.8	5		03/24/21 19:39	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1.5	5		03/24/21 19:39	108-20-3	
Ethylbenzene	17.8	ug/L	5.0	1.5	5		03/24/21 19:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.6	5		03/24/21 19:39	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.4	5		03/24/21 19:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	5.0	2.1	5		03/24/21 19:39	99-87-6	
Methylene Chloride	ND	ug/L	25.0	9.8	5		03/24/21 19:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	13.6	5		03/24/21 19:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	2.1	5		03/24/21 19:39	1634-04-4	
Naphthalene	675	ug/L	5.0	3.2	5		03/24/21 19:39	91-20-3	
Styrene	58.0	ug/L	5.0	1.5	5		03/24/21 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1.1	5		03/24/21 19:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1.5	5		03/24/21 19:39	127-18-4	
Toluene	97.7	ug/L	5.0	2.4	5		03/24/21 19:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	4.0	5		03/24/21 19:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	3.2	5		03/24/21 19:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1.7	5		03/24/21 19:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.6	5		03/24/21 19:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	1.9	5		03/24/21 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.5	5		03/24/21 19:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1.3	5		03/24/21 19:39	96-18-4	
Vinyl acetate	ND	ug/L	10.0	6.6	5		03/24/21 19:39	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1.9	5		03/24/21 19:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FD-03_WG_20210317 **Lab ID: 92528627007** Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	78.9	ug/L	5.0	1.7	5		03/24/21 19:39	1330-20-7	
m&p-Xylene	55.6	ug/L	10.0	3.5	5		03/24/21 19:39	179601-23-1	
o-Xylene	23.3	ug/L	5.0	1.7	5		03/24/21 19:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		5		03/24/21 19:39	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		5		03/24/21 19:39	17060-07-0	
Toluene-d8 (S)	102	%	70-130		5		03/24/21 19:39	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 16:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 16:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 16:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 16:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 16:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 16:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 16:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 16:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 16:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 16:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 16:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 16:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 16:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 16:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 16:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 16:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 16:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 16:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 16:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 16:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 16:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 16:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 16:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 16:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 16:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 16:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 16:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 16:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 16:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 16:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	88	%	10-144		1	03/22/21 11:39	03/23/21 16:52	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/22/21 11:39	03/23/21 16:52	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/22/21 11:39	03/23/21 16:52	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/22/21 11:39	03/23/21 16:52	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 16:52	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-144		1	03/22/21 11:39	03/23/21 16:52	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 16:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	03/23/21 11:16	03/23/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 16:17	321-60-8	
Terphenyl-d14 (S)	119	%	62-169		1	03/23/21 11:16	03/23/21 16:17	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 20:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 20:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 20:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 20:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 20:08	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 20:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 20:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 20:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 20:08	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 20:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 20:08	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 20:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 20:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 20:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 20:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 20:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 20:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 20:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 20:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 20:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 20:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 20:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 20:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 20:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 20:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 20:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 20:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 20:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 20:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 20:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 20:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 20:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 20:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 20:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 20:08	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-18_WG_20210316 **Lab ID: 92528627008** Collected: 03/16/21 10:02 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 20:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 20:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 20:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/23/21 20:08	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 20:08	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		03/23/21 20:08	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 17:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:18	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 17:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:18	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 17:18	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 17:18	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 17:18	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 17:18	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 17:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:18	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 17:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 17:18	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 17:18	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 17:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 17:18	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:18	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 17:18	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:18	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 17:18	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:18	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 17:18	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 17:18	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:18	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 17:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:18	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:18	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:18	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:18	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:18	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:18	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	10-144		1	03/22/21 11:39	03/23/21 17:18	4165-60-0	
2-Fluorobiphenyl (S)	37	%	10-130		1	03/22/21 11:39	03/23/21 17:18	321-60-8	
Terphenyl-d14 (S)	99	%	34-163		1	03/22/21 11:39	03/23/21 17:18	1718-51-0	
Phenol-d6 (S)	24	%	10-130		1	03/22/21 11:39	03/23/21 17:18	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/22/21 11:39	03/23/21 17:18	367-12-4	
2,4,6-Tribromophenol (S)	43	%	10-144		1	03/22/21 11:39	03/23/21 17:18	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 16:39	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	123	%	67-170		1	03/23/21 11:16	03/23/21 16:39	4165-60-0	
2-Fluorobiphenyl (S)	126	%	61-163		1	03/23/21 11:16	03/23/21 16:39	321-60-8	
Terphenyl-d14 (S)	118	%	62-169		1	03/23/21 11:16	03/23/21 16:39	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 12:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 12:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 12:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 12:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 12:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 12:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 12:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 12:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 12:44	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 12:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 12:44	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 12:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 12:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 12:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 12:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 12:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 12:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 12:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 12:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 12:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 12:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 12:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 12:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 12:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 12:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 12:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 12:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 12:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 12:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 12:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 12:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 12:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 12:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 12:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 12:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 12:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 12:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 12:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 12:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 12:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 12:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 12:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 12:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 12:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 12:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 12:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 12:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 12:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 12:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 12:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 12:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: FB-05_WG_20210317 **Lab ID: 92528627009** Collected: 03/17/21 11:25 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 12:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 12:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 12:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 12:44	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		03/23/21 12:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/21 12:44	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Sample Project No.: 92528627

Sample: **MW-21_WG_20210317** Lab ID: **92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	2070	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 01:54	7439-89-6	
Manganese	104	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 01:54	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	2040	ug/L	250	208	5	03/22/21 16:29	03/24/21 21:43	7439-89-6	
Manganese, Dissolved	98.0	ug/L	25.0	17.2	5	03/22/21 16:29	03/24/21 21:43	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 17:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 17:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 17:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 17:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 17:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 17:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 17:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 17:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 17:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 17:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 17:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 17:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 17:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 17:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 17:43	117-81-7	
Fluoranthene	4.0J	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 17:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 17:43	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 17:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 17:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 17:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 17:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 17:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 17:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 17:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 17:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 17:43	87-86-5	
Phenanthrene	2.2J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 17:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	108-95-2	
Pyrene	3.6J	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 17:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 17:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 17:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	03/22/21 11:39	03/23/21 17:43	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/22/21 11:39	03/23/21 17:43	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	03/22/21 11:39	03/23/21 17:43	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	03/22/21 11:39	03/23/21 17:43	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/22/21 11:39	03/23/21 17:43	367-12-4	
2,4,6-Tribromophenol (S)	78	%	10-144		1	03/22/21 11:39	03/23/21 17:43	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:01	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/23/21 11:16	03/23/21 17:01	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	03/23/21 11:16	03/23/21 17:01	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/23/21 11:16	03/23/21 17:01	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:49	67-64-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-21_WG_20210317 Lab ID: 92528627010 Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Benzene	0.62J	ug/L	1.0	0.34	1		03/23/21 16:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:49	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:49	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:49	108-20-3	
Ethylbenzene	0.40J	ug/L	1.0	0.30	1		03/23/21 16:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:49	1634-04-4	
Naphthalene	1.2	ug/L	1.0	0.64	1		03/23/21 16:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:49	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-21_WG_20210317 **Lab ID: 92528627010** Collected: 03/17/21 09:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:49	75-01-4	
Xylene (Total)	0.41J	ug/L	1.0	0.34	1		03/23/21 16:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:49	179601-23-1	
o-Xylene	0.41J	ug/L	1.0	0.34	1		03/23/21 16:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:49	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/23/21 16:49	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		03/23/21 16:49	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:50	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Sulfate	22.3	mg/L	1.0	0.50	1		03/22/21 22:24	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	3.2	mg/L	1.0	0.50	1		03/27/21 00:33	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Sample Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	1860	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:07	7439-89-6	
Manganese	114	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:07	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	1690	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:15	7439-89-6	
Manganese, Dissolved	108	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:15	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:09	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:09	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:09	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:09	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:09	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:09	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 **Lab ID: 92528627011** Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:09	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:09	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:09	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:09	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:09	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:09	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:09	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:09	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:09	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:09	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-144		1	03/22/21 11:39	03/23/21 18:09	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/22/21 11:39	03/23/21 18:09	321-60-8	
Terphenyl-d14 (S)	130	%	34-163		1	03/22/21 11:39	03/23/21 18:09	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/22/21 11:39	03/23/21 18:09	13127-88-3	
2-Fluorophenol (S)	44	%	10-130		1	03/22/21 11:39	03/23/21 18:09	367-12-4	
2,4,6-Tribromophenol (S)	71	%	10-144		1	03/22/21 11:39	03/23/21 18:09	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:22	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	118	%	67-170		1	03/23/21 11:16	03/23/21 17:22	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	03/23/21 11:16	03/23/21 17:22	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	03/23/21 11:16	03/23/21 17:22	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:31	67-64-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Sample Project No.: 92528627

Sample: MW-39BR_WG_20210317 Lab ID: 92528627011 Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 16:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:31	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:31	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:31	74-95-3	
1,2-Dichlorobenzene	0.38J	ug/L	1.0	0.34	1		03/23/21 16:31	95-50-1	
1,3-Dichlorobenzene	0.56J	ug/L	1.0	0.34	1		03/23/21 16:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 16:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 16:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:31	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39BR_WG_20210317 Lab ID: 92528627011 Collected: 03/17/21 09:57 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 16:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 16:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:31	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/23/21 16:31	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		03/23/21 16:31	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:51	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	35.7	mg/L	1.0	0.50	1		03/22/21 22:38	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	0.62J	mg/L	1.0	0.50	1		03/27/21 03:25	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 **Lab ID: 92528627012** Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	91.8	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:10	7439-89-6	
Manganese	4.8J	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:10	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	52.2	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:19	7439-89-6	
Manganese, Dissolved	7.8	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:19	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:34	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:34	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:34	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:34	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 Lab ID: 92528627012 Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:34	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:34	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	03/22/21 11:39	03/23/21 18:34	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	03/22/21 11:39	03/23/21 18:34	321-60-8	
Terphenyl-d14 (S)	132	%	34-163		1	03/22/21 11:39	03/23/21 18:34	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	03/22/21 11:39	03/23/21 18:34	13127-88-3	
2-Fluorophenol (S)	56	%	10-130		1	03/22/21 11:39	03/23/21 18:34	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-144		1	03/22/21 11:39	03/23/21 18:34	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 17:44	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	03/23/21 11:16	03/23/21 17:44	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	03/23/21 11:16	03/23/21 17:44	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/23/21 11:16	03/23/21 17:44	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 16:13	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 Lab ID: 92528627012 Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:13	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:13	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 16:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 16:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:13	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-39BRL_WG_20210317 Lab ID: 92528627012 Collected: 03/17/21 09:03 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 16:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:13	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 16:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 16:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 16:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		03/23/21 16:13	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/23/21 16:13	17060-07-0	
Toluene-d8 (S)	124	%	70-130		1		03/23/21 16:13	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	0.54	mg/L	0.10	0.050	1		03/23/21 05:51	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Sulfate	586	mg/L	12.0	6.0	12		03/23/21 11:58	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	51.7	mg/L	2.0	1.0	2		03/27/21 19:17	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Sample Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	64.3	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:14	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:14	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	10900	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:22	7439-89-6	
Manganese, Dissolved	83.9	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:22	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	2.3J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 18:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 18:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 18:59	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 18:59	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 18:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 18:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 18:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 18:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 18:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 18:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 18:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 18:59	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 18:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 18:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 18:59	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 18:59	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 18:59	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 18:59	78-59-1	
1-Methylnaphthalene	6.8J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	90-12-0	
2-Methylnaphthalene	8.3J	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 18:59	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:59	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 18:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 18:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 18:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 18:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 18:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 18:59	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 18:59	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 18:59	85-01-8	
Phenol	2.8J	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 18:59	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 18:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 18:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-144		1	03/22/21 11:39	03/23/21 18:59	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/22/21 11:39	03/23/21 18:59	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/22/21 11:39	03/23/21 18:59	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/22/21 11:39	03/23/21 18:59	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	03/22/21 11:39	03/23/21 18:59	367-12-4	
2,4,6-Tribromophenol (S)	130	%	10-144		1	03/22/21 11:39	03/23/21 18:59	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	121	%	67-170		1	03/23/21 11:16	03/23/21 18:05	4165-60-0	
2-Fluorobiphenyl (S)	141	%	61-163		1	03/23/21 11:16	03/23/21 18:05	321-60-8	
Terphenyl-d14 (S)	116	%	62-169		1	03/23/21 11:16	03/23/21 18:05	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	260	ug/L	25.0	5.1	1		03/23/21 16:06	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 Lab ID: 92528627013 Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	142	ug/L	1.0	0.34	1		03/23/21 16:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 16:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 16:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 16:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 16:06	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 16:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 16:06	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 16:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 16:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 16:06	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 16:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 16:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 16:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 16:06	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 16:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 16:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 16:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 16:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 16:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 16:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 16:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 16:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 16:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 16:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 16:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 16:06	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 16:06	108-20-3	IK
Ethylbenzene	16.6	ug/L	1.0	0.30	1		03/23/21 16:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 16:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 16:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 16:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 16:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 16:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 16:06	1634-04-4	
Naphthalene	172	ug/L	1.0	0.64	1		03/23/21 16:06	91-20-3	
Styrene	6.9	ug/L	1.0	0.29	1		03/23/21 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 16:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 16:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 16:06	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-45BR_WG_20210316 **Lab ID: 92528627013** Collected: 03/16/21 09:23 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	40.7	ug/L	1.0	0.48	1		03/23/21 16:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 16:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 16:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 16:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 16:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 16:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 16:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 16:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 16:06	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 16:06	75-01-4	
Xylene (Total)	23.3	ug/L	1.0	0.34	1		03/23/21 16:06	1330-20-7	
m&p-Xylene	13.7	ug/L	2.0	0.71	1		03/23/21 16:06	179601-23-1	
o-Xylene	9.6	ug/L	1.0	0.34	1		03/23/21 16:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/23/21 16:06	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/23/21 16:06	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	0.10	mg/L	0.10	0.050	1		03/23/21 05:43	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	118	mg/L	3.0	1.5	3		03/23/21 12:13	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	22.8	mg/L	1.0	0.50	1		03/27/21 04:00	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	348	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:17	7439-89-6	
Manganese	7.4	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:17	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	260	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 04:25	7439-89-6	
Manganese, Dissolved	6.3	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:25	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 19:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:25	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 19:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:25	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 19:25	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 19:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 19:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 19:25	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 19:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:25	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 19:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 19:25	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 19:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 19:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 19:25	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	206-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 Lab ID: 92528627014 Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:25	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 19:25	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:25	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 19:25	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:25	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 19:25	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 19:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 19:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:25	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:25	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:25	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:25	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:25	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	10-144		1	03/22/21 11:39	03/23/21 19:25	4165-60-0	
2-Fluorobiphenyl (S)	38	%	10-130		1	03/22/21 11:39	03/23/21 19:25	321-60-8	
Terphenyl-d14 (S)	90	%	34-163		1	03/22/21 11:39	03/23/21 19:25	1718-51-0	
Phenol-d6 (S)	23	%	10-130		1	03/22/21 11:39	03/23/21 19:25	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/22/21 11:39	03/23/21 19:25	367-12-4	
2,4,6-Tribromophenol (S)	44	%	10-144		1	03/22/21 11:39	03/23/21 19:25	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/23/21 11:16	03/23/21 18:27	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/23/21 11:16	03/23/21 18:27	321-60-8	
Terphenyl-d14 (S)	110	%	62-169		1	03/23/21 11:16	03/23/21 18:27	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 17:07	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 Lab ID: 92528627014 Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 17:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 17:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 17:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 17:07	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 17:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 17:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 17:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 17:07	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 17:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 17:07	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 17:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 17:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 17:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 17:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 17:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 17:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 17:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 17:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 17:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 17:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 17:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 17:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 17:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 17:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 17:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 17:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 17:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 17:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 17:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 17:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 17:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 17:07	1634-04-4	
Naphthalene	11.4	ug/L	1.0	0.64	1		03/23/21 17:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 17:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 17:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 17:07	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-46BR_WG_20210316 **Lab ID: 92528627014** Collected: 03/16/21 14:27 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Toluene	0.82J	ug/L	1.0	0.48	1		03/23/21 17:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 17:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 17:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 17:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 17:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 17:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 17:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 17:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 17:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 17:07	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 17:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 17:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 17:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 17:07	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/23/21 17:07	17060-07-0	
Toluene-d8 (S)	88	%	70-130		1		03/23/21 17:07	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	0.51	mg/L	0.10	0.050	1		03/23/21 05:44	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Sulfate	4.2	mg/L	1.0	0.50	1		03/22/21 23:18	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	4.1	mg/L	1.0	0.50	1		03/27/21 04:20	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 Lab ID: 92528627015 Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	159	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 02:20	7439-89-6	
Manganese	ND	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:20	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	79.7	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 21:46	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:42	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	3.1J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	83-32-9	
Acenaphthylene	40.8	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 19:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 19:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 19:50	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 19:50	65-85-0	
Benzyl alcohol	5.3J	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 19:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 19:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 19:50	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 19:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 19:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 19:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:50	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 19:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	84-66-2	
2,4-Dimethylphenol	15.2	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 19:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 19:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 19:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 19:50	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 Lab ID: 92528627015 Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	6.7J	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 19:50	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 19:50	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 19:50	78-59-1	
1-Methylnaphthalene	63.9	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	90-12-0	
2-Methylnaphthalene	97.9	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	7.1J	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 19:50	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:50	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 19:50	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 19:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 19:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 19:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 19:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 19:50	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 19:50	87-86-5	
Phenanthrene	6.7J	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 19:50	85-01-8	
Phenol	3.0J	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 19:50	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 19:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 19:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	10-144		1	03/22/21 11:39	03/23/21 19:50	4165-60-0	
2-Fluorobiphenyl (S)	55	%	10-130		1	03/22/21 11:39	03/23/21 19:50	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	03/22/21 11:39	03/23/21 19:50	1718-51-0	
Phenol-d6 (S)	40	%	10-130		1	03/22/21 11:39	03/23/21 19:50	13127-88-3	
2-Fluorophenol (S)	48	%	10-130		1	03/22/21 11:39	03/23/21 19:50	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-144		1	03/22/21 11:39	03/23/21 19:50	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 18:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	89	%	67-170		1	03/23/21 11:16	03/23/21 18:49	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-163		1	03/23/21 11:16	03/23/21 18:49	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/23/21 11:16	03/23/21 18:49	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	253	ug/L	250	51.1	10		03/23/21 02:23	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: **MW-47BR_WG_20210316** Lab ID: **92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	194	ug/L	10.0	3.4	10		03/23/21 02:23	71-43-2	
Bromobenzene	ND	ug/L	10.0	2.9	10		03/23/21 02:23	108-86-1	
Bromochloromethane	ND	ug/L	10.0	4.7	10		03/23/21 02:23	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	3.1	10		03/23/21 02:23	75-27-4	
Bromoform	ND	ug/L	10.0	3.4	10		03/23/21 02:23	75-25-2	IK
Bromomethane	ND	ug/L	20.0	16.6	10		03/23/21 02:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	39.6	10		03/23/21 02:23	78-93-3	
Carbon tetrachloride	ND	ug/L	10.0	3.3	10		03/23/21 02:23	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.8	10		03/23/21 02:23	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		03/23/21 02:23	75-00-3	
Chloroform	ND	ug/L	50.0	15.6	10		03/23/21 02:23	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		03/23/21 02:23	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/23/21 02:23	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.2	10		03/23/21 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	20.0	3.4	10		03/23/21 02:23	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	3.6	10		03/23/21 02:23	124-48-1	
Dibromomethane	ND	ug/L	10.0	3.9	10		03/23/21 02:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/23/21 02:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	3.4	10		03/23/21 02:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		03/23/21 02:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	3.5	10		03/23/21 02:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.7	10		03/23/21 02:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	3.2	10		03/23/21 02:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	3.5	10		03/23/21 02:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	3.8	10		03/23/21 02:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.0	10		03/23/21 02:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	3.6	10		03/23/21 02:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		03/23/21 02:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	3.9	10		03/23/21 02:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.3	10		03/23/21 02:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/23/21 02:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	3.6	10		03/23/21 02:23	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	3.1	10		03/23/21 02:23	108-20-3	IK
Ethylbenzene	263	ug/L	10.0	3.0	10		03/23/21 02:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		03/23/21 02:23	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.8	10		03/23/21 02:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	10.0	4.1	10		03/23/21 02:23	99-87-6	
Methylene Chloride	ND	ug/L	50.0	19.5	10		03/23/21 02:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	27.1	10		03/23/21 02:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	10.0	4.2	10		03/23/21 02:23	1634-04-4	
Naphthalene	1630	ug/L	10.0	6.4	10		03/23/21 02:23	91-20-3	
Styrene	73.6	ug/L	10.0	2.9	10		03/23/21 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.1	10		03/23/21 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	2.2	10		03/23/21 02:23	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	2.9	10		03/23/21 02:23	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-47BR_WG_20210316 **Lab ID: 92528627015** Collected: 03/16/21 13:53 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	1770	ug/L	10.0	4.8	10		03/23/21 02:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	8.1	10		03/23/21 02:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	6.4	10		03/23/21 02:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	3.3	10		03/23/21 02:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	3.2	10		03/23/21 02:23	79-01-6	
Trichloroethene	ND	ug/L	10.0	3.8	10		03/23/21 02:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		03/23/21 02:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	2.6	10		03/23/21 02:23	96-18-4	
Vinyl acetate	ND	ug/L	20.0	13.1	10		03/23/21 02:23	108-05-4	IK
Vinyl chloride	ND	ug/L	10.0	3.9	10		03/23/21 02:23	75-01-4	
Xylene (Total)	1380	ug/L	10.0	3.4	10		03/23/21 02:23	1330-20-7	
m&p-Xylene	881	ug/L	20.0	7.1	10		03/23/21 02:23	179601-23-1	
o-Xylene	499	ug/L	10.0	3.4	10		03/23/21 02:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		10		03/23/21 02:23	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		10		03/23/21 02:23	17060-07-0	
Toluene-d8 (S)	109	%	70-130		10		03/23/21 02:23	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:45	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	24.1	mg/L	1.0	0.50	1		03/22/21 23:32	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	35.2	mg/L	1.0	0.50	1		03/27/21 04:36	7440-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 Lab ID: 92528627016 Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	ND	ug/L	50.0	41.5	1	03/23/21 01:53	03/24/21 21:39	7439-89-6	
Manganese	12.6	ug/L	5.0	3.4	1	03/23/21 01:53	03/24/21 02:37	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/22/21 16:29	03/24/21 21:49	7439-89-6	
Manganese, Dissolved	11.9	ug/L	5.0	3.4	1	03/22/21 16:29	03/24/21 04:45	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/22/21 11:39	03/23/21 20:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 20:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/22/21 11:39	03/23/21 20:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 20:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/22/21 11:39	03/23/21 20:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/22/21 11:39	03/23/21 20:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/22/21 11:39	03/23/21 20:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 20:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/22/21 11:39	03/23/21 20:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/22/21 11:39	03/23/21 20:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/22/21 11:39	03/23/21 20:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/22/21 11:39	03/23/21 20:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/22/21 11:39	03/23/21 20:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 20:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/22/21 11:39	03/23/21 20:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/22/21 11:39	03/23/21 20:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/22/21 11:39	03/23/21 20:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/22/21 11:39	03/23/21 20:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/22/21 11:39	03/23/21 20:16	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/22/21 11:39	03/23/21 20:16	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/22/21 11:39	03/23/21 20:16	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/22/21 11:39	03/23/21 20:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/22/21 11:39	03/23/21 20:16	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 20:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/22/21 11:39	03/23/21 20:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/22/21 11:39	03/23/21 20:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/22/21 11:39	03/23/21 20:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/22/21 11:39	03/23/21 20:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/22/21 11:39	03/23/21 20:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/22/21 11:39	03/23/21 20:16	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/22/21 11:39	03/23/21 20:16	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/22/21 11:39	03/23/21 20:16	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/22/21 11:39	03/23/21 20:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/22/21 11:39	03/23/21 20:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/22/21 11:39	03/23/21 20:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/22/21 11:39	03/23/21 20:16	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	03/22/21 11:39	03/23/21 20:16	321-60-8	
Terphenyl-d14 (S)	135	%	34-163		1	03/22/21 11:39	03/23/21 20:16	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/22/21 11:39	03/23/21 20:16	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/22/21 11:39	03/23/21 20:16	367-12-4	
2,4,6-Tribromophenol (S)	117	%	10-144		1	03/22/21 11:39	03/23/21 20:16	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/23/21 11:16	03/23/21 19:10	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/23/21 11:16	03/23/21 19:10	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/23/21 11:16	03/23/21 19:10	321-60-8	
Terphenyl-d14 (S)	115	%	62-169		1	03/23/21 11:16	03/23/21 19:10	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 15:55	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1	03/23/21 15:55	71-43-2		
Bromobenzene	ND	ug/L	1.0	0.29	1	03/23/21 15:55	108-86-1		
Bromochloromethane	ND	ug/L	1.0	0.47	1	03/23/21 15:55	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	0.31	1	03/23/21 15:55	75-27-4		
Bromoform	ND	ug/L	1.0	0.34	1	03/23/21 15:55	75-25-2		
Bromomethane	ND	ug/L	2.0	1.7	1	03/23/21 15:55	74-83-9		v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1	03/23/21 15:55	78-93-3		
Carbon tetrachloride	ND	ug/L	1.0	0.33	1	03/23/21 15:55	56-23-5		
Chlorobenzene	ND	ug/L	1.0	0.28	1	03/23/21 15:55	108-90-7		
Chloroethane	ND	ug/L	1.0	0.65	1	03/23/21 15:55	75-00-3		
Chloroform	ND	ug/L	5.0	1.6	1	03/23/21 15:55	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	03/23/21 15:55	74-87-3		v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/23/21 15:55	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	03/23/21 15:55	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	03/23/21 15:55	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	03/23/21 15:55	124-48-1		
Dibromomethane	ND	ug/L	1.0	0.39	1	03/23/21 15:55	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/23/21 15:55	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	03/23/21 15:55	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	03/23/21 15:55	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	03/23/21 15:55	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	03/23/21 15:55	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	03/23/21 15:55	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	03/23/21 15:55	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	03/23/21 15:55	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	03/23/21 15:55	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	03/23/21 15:55	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	03/23/21 15:55	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	03/23/21 15:55	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	03/23/21 15:55	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/23/21 15:55	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	03/23/21 15:55	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	0.31	1	03/23/21 15:55	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	03/23/21 15:55	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	03/23/21 15:55	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	03/23/21 15:55	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	03/23/21 15:55	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	03/23/21 15:55	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	03/23/21 15:55	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	03/23/21 15:55	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	03/23/21 15:55	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	03/23/21 15:55	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	03/23/21 15:55	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	03/23/21 15:55	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	03/23/21 15:55	127-18-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: MW-38BR_WG_20210316 **Lab ID: 92528627016** Collected: 03/16/21 10:58 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 15:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 15:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 15:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 15:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 15:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 15:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 15:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 15:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 15:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 15:55	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 15:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 15:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 15:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/21 15:55	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/23/21 15:55	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/23/21 15:55	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011 Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/23/21 05:46	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville									
Sulfate	10.3	mg/L	1.0	0.50	1		03/22/21 23:45	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	2.7	mg/L	1.0	0.50	1		03/27/21 04:56	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Sample: TB-08_WG_20210317 Lab ID: 92528627017 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:02	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:02	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:02	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: TB-08_WG_20210317 **Lab ID:** 92528627017 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:02	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/23/21 13:02	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:02	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/21 13:02	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: TB-09_WG_20210317 **Lab ID:** 92528627018 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:20	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:20	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:20	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:20	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:20	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:20	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:20	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:20	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:20	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:20	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:20	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:20	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:20	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:20	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:20	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: TB-09_WG_20210317 **Lab ID:** 92528627018 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:20	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:20	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/23/21 13:20	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:20	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/23/21 13:20	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: TB-10_WG_20210317 Lab ID: 92528627019 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/23/21 13:38	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/23/21 13:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/23/21 13:38	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/23/21 13:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/23/21 13:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/23/21 13:38	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/23/21 13:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/23/21 13:38	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/23/21 13:38	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/23/21 13:38	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/23/21 13:38	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:38	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/23/21 13:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/23/21 13:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/23/21 13:38	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/23/21 13:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/23/21 13:38	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/23/21 13:38	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/23/21 13:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/23/21 13:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/23/21 13:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/23/21 13:38	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/23/21 13:38	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/23/21 13:38	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/23/21 13:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/23/21 13:38	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/23/21 13:38	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/23/21 13:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/23/21 13:38	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/23/21 13:38	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/23/21 13:38	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/23/21 13:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/23/21 13:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/23/21 13:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/23/21 13:38	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/23/21 13:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/23/21 13:38	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Sample: TB-10_WG_20210317 **Lab ID:** 92528627019 Collected: 03/17/21 00:00 Received: 03/18/21 14:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/23/21 13:38	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/23/21 13:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/23/21 13:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/23/21 13:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/23/21 13:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/23/21 13:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/23/21 13:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/23/21 13:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/23/21 13:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/23/21 13:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/23/21 13:38	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/23/21 13:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/23/21 13:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/23/21 13:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		03/23/21 13:38	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/23/21 13:38	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/23/21 13:38	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

QC Batch:	608377	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204821 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/24/21 01:41	
Manganese	ug/L	ND	5.0	3.4	03/24/21 01:41	

LABORATORY CONTROL SAMPLE: 3204822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4610	92	80-120	
Manganese	ug/L	500	507	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204823 3204824

Parameter	Units	92528627010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	2070	5000	5000	6600	6670	91	92	75-125	1	20	
Manganese	ug/L	104	500	500	596	605	98	100	75-125	1	20	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

QC Batch:	608250	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET Filtered Diss.
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204265 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/24/21 03:56	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/24/21 03:56	

LABORATORY CONTROL SAMPLE: 3204266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4230	85	80-120	
Manganese, Dissolved	ug/L	500	462	92	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204267 3204268

Parameter	Units	92528627010		3204268		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Iron, Dissolved	ug/L	2040	5000	5000	6200	83	81	75-125	2	20	
Manganese, Dissolved	ug/L	98.0	500	500	565	93	91	75-125	2	20	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

QC Batch:	608257	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260 MSV Low Level SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

METHOD BLANK: 3204305 Matrix: Water

Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 10:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 10:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 10:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 10:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 10:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 10:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 10:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 10:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 10:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 10:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 10:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 10:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 10:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 10:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 10:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 10:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 10:55	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 10:55	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 10:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 10:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 10:55	
Acetone	ug/L	ND	25.0	5.1	03/23/21 10:55	
Benzene	ug/L	ND	1.0	0.34	03/23/21 10:55	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 10:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 10:55	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 10:55	
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 10:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 10:55	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 10:55	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 10:55	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 10:55	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 10:55	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 10:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 10:55	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 10:55	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 10:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 10:55	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3204305

Matrix: Water

Associated Lab Samples: 92528627009, 92528627017, 92528627018, 92528627019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 10:55	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 10:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 10:55	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 10:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 10:55	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 10:55	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 10:55	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 10:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 10:55	
Styrene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 10:55	
Toluene	ug/L	ND	1.0	0.48	03/23/21 10:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 10:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 10:55	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 10:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 10:55	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 10:55	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 10:55	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 10:55	
1,2-Dichloroethane-d4 (S)	%	109	70-130		03/23/21 10:55	
4-Bromofluorobenzene (S)	%	96	70-130		03/23/21 10:55	
Toluene-d8 (S)	%	101	70-130		03/23/21 10:55	

LABORATORY CONTROL SAMPLE: 3204306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	70-130	
1,1,1-Trichloroethane	ug/L	50	46.6	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.6	97	70-130	
1,1,2-Trichloroethane	ug/L	50	46.9	94	70-130	
1,1-Dichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethene	ug/L	50	45.2	90	70-130	
1,1-Dichloropropene	ug/L	50	47.8	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	70-130	
1,2,3-Trichloropropane	ug/L	50	49.1	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.2	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.6	95	70-130	
1,2-Dichlorobenzene	ug/L	50	47.8	96	70-130	
1,2-Dichloroethane	ug/L	50	46.9	94	70-130	
1,2-Dichloropropane	ug/L	50	48.9	98	70-130	
1,3-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,3-Dichloropropane	ug/L	50	48.8	98	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
2,2-Dichloropropane	ug/L	50	47.6	95	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	104	104	70-130	
2-Chlorotoluene	ug/L	50	48.2	96	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	46.1	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.3	98	70-130	
Acetone	ug/L	100	104	104	70-130	
Benzene	ug/L	50	47.8	96	70-130	
Bromobenzene	ug/L	50	46.0	92	70-130	
Bromochloromethane	ug/L	50	46.8	94	70-130	
Bromodichloromethane	ug/L	50	43.3	87	70-130	
Bromoform	ug/L	50	49.7	99	70-130	
Bromomethane	ug/L	50	41.7	83	70-130	
Carbon tetrachloride	ug/L	50	46.0	92	70-130	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	43.7	87	70-130	
Chloroform	ug/L	50	46.8	94	70-130	
Chloromethane	ug/L	50	39.8	80	70-130 v3	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.6	95	70-130	
Dibromochloromethane	ug/L	50	49.3	99	70-130	
Dibromomethane	ug/L	50	46.6	93	70-130	
Dichlorodifluoromethane	ug/L	50	39.8	80	70-130	
Diisopropyl ether	ug/L	50	49.1	98	70-130	
Ethylbenzene	ug/L	50	48.5	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.7	105	70-130	
m&p-Xylene	ug/L	100	97.9	98	70-130	
Methyl-tert-butyl ether	ug/L	50	47.1	94	70-130	
Methylene Chloride	ug/L	50	47.1	94	70-130	
Naphthalene	ug/L	50	49.5	99	70-130	
o-Xylene	ug/L	50	48.0	96	70-130	
p-Isopropyltoluene	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	50.8	102	70-130	
Tetrachloroethene	ug/L	50	46.7	93	70-130	
Toluene	ug/L	50	46.7	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.8	96	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Trichloroethene	ug/L	50	48.0	96	70-130	
Trichlorofluoromethane	ug/L	50	41.8	84	70-130	
Vinyl acetate	ug/L	100	113	113	70-130	
Vinyl chloride	ug/L	50	41.0	82	70-130	
Xylene (Total)	ug/L	150	146	97	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204307												3204308											
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual										
		92528308001 Result	Spike Conc.	Spike Conc.	MS Conc.																		
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.6	19.8	103	99	73-134	4	30												
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	20.6	108	103	82-143	5	30												
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	20.0	104	100	70-136	4	30												
1,1,2-Trichloroethane	ug/L	ND	20	20	20.7	19.4	104	97	70-135	7	30												
1,1-Dichloroethane	ug/L	ND	20	20	22.4	21.0	112	105	70-139	7	30												
1,1-Dichloroethene	ug/L	ND	20	20	21.0	20.3	105	101	70-154	4	30												
1,1-Dichloropropene	ug/L	ND	20	20	22.3	20.7	112	104	70-149	7	30												
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.7	20.3	104	101	70-135	2	30												
1,2,3-Trichloropropane	ug/L	ND	20	20	19.8	18.8	99	94	71-137	5	30												
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	20.3	106	101	73-140	5	30												
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.1	18.8	96	94	65-134	1	30												
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	19.7	102	99	70-133	3	30												
1,2-Dichloroethane	ug/L	ND	20	20	21.4	20.5	107	102	70-137	4	30												
1,2-Dichloropropane	ug/L	ND	20	20	21.2	20.9	106	105	70-140	1	30												
1,3-Dichlorobenzene	ug/L	ND	20	20	20.4	19.0	102	95	70-135	7	30												
1,3-Dichloropropane	ug/L	ND	20	20	21.3	20.3	106	102	70-143	4	30												
1,4-Dichlorobenzene	ug/L	ND	20	20	21.7	20.6	108	103	70-133	5	30												
2,2-Dichloropropane	ug/L	ND	20	20	22.6	21.1	113	106	61-148	7	30												
2-Butanone (MEK)	ug/L	ND	40	40	44.4	41.3	111	103	60-139	7	30												
2-Chlorotoluene	ug/L	ND	20	20	20.5	20.2	103	101	70-144	1	30												
2-Hexanone	ug/L	ND	40	40	40.8	39.4	102	99	65-138	4	30												
4-Chlorotoluene	ug/L	ND	20	20	20.4	19.4	102	97	70-137	5	30												
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	41.7	39.4	104	98	65-135	6	30												
Acetone	ug/L	ND	40	40	45.1	40.9	113	102	60-148	10	30												
Benzene	ug/L	ND	20	20	21.5	20.5	108	103	70-151	5	30												
Bromobenzene	ug/L	ND	20	20	20.0	19.1	100	96	70-136	4	30												
Bromochloromethane	ug/L	ND	20	20	21.1	19.6	106	98	70-141	8	30												
Bromodichloromethane	ug/L	ND	20	20	19.5	18.2	97	91	70-138	7	30												
Bromoform	ug/L	ND	20	20	20.0	18.5	100	92	63-130	8	30												
Bromomethane	ug/L	ND	20	20	15.0	16.8	75	84	15-152	12	30												
Carbon tetrachloride	ug/L	ND	20	20	21.8	20.3	109	101	70-143	7	30												
Chlorobenzene	ug/L	ND	20	20	21.0	20.6	105	103	70-138	2	30												
Chloroethane	ug/L	ND	20	20	21.1	19.5	105	98	52-163	8	30												
Chloroform	ug/L	ND	20	20	21.3	20.0	106	100	70-139	6	30												
Chloromethane	ug/L	ND	20	20	18.0	17.4	90	87	41-139	3	30 v3												
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	20.2	106	101	70-141	5	30												
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	19.0	99	95	70-137	4	30												
Dibromochloromethane	ug/L	ND	20	20	20.6	20.0	103	100	70-134	3	30												
Dibromomethane	ug/L	ND	20	20	20.7	19.6	103	98	70-138	5	30												
Dichlorodifluoromethane	ug/L	ND	20	20	18.8	18.7	94	94	47-155	0	30												
Diisopropyl ether	ug/L	ND	20	20	21.3	20.5	107	102	63-144	4	30												
Ethylbenzene	ug/L	ND	20	20	21.5	20.2	107	101	66-153	6	30												
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.3	23.0	116	115	65-149	1	30												
m&p-Xylene	ug/L	ND	40	40	43.2	41.3	108	103	69-152	4	30												

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204307		3204308		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92528308001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	20.4	19.0	102	95	54-156	7	30		
Methylene Chloride	ug/L	ND	20	20	21.7	20.7	109	103	42-159	5	30		
Naphthalene	ug/L	ND	20	20	19.2	19.1	96	96	61-148	0	30		
o-Xylene	ug/L	ND	20	20	20.5	19.8	103	99	70-148	3	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.2	20.3	106	102	70-146	4	30		
Styrene	ug/L	ND	20	20	21.6	20.7	108	104	70-135	4	30		
Tetrachloroethene	ug/L	ND	20	20	21.2	20.0	106	100	59-143	6	30		
Toluene	ug/L	ND	20	20	20.7	19.7	104	98	59-148	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.9	20.5	109	103	70-146	7	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.1	19.0	101	95	70-135	6	30		
Trichloroethene	ug/L	ND	20	20	21.9	20.5	110	102	70-147	7	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.8	19.1	104	96	70-148	8	30		
Vinyl acetate	ug/L	ND	40	40	48.5	45.1	121	113	49-151	7	30		
Vinyl chloride	ug/L	ND	20	20	18.3	17.9	92	89	70-156	2	30		
Xylene (Total)	ug/L	ND	60	60	63.8	61.2	106	102	63-158	4	30		
1,2-Dichloroethane-d4 (S)	%						106	105	70-130				
4-Bromofluorobenzene (S)	%						99	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch:	608267	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260 MSV Low Level SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

METHOD BLANK: 3204394 Matrix: Water
Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:24	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:24	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:24	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:24	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:24	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:24	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:24	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:24	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:24	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:24	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:24	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:24	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:24	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:24	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:24	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:24	
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:24	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:24	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:24	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:24	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:24	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:24	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:24	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:24	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:24	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3204394

Matrix: Water

Associated Lab Samples: 92528627002, 92528627005, 92528627006, 92528627008, 92528627010, 92528627011, 92528627012, 92528627014, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:24	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:24	
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:24	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:24	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:24	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:24	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:24	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:24	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:24	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:24	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:24	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:24	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:24	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:24	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:24	
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:24	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:24	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/23/21 11:24	
4-Bromofluorobenzene (S)	%	93	70-130		03/23/21 11:24	
Toluene-d8 (S)	%	99	70-130		03/23/21 11:24	

LABORATORY CONTROL SAMPLE: 3204395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.2	94	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	38.6	77	70-130	
1,1,2-Trichloroethane	ug/L	50	60.4	121	70-130	
1,1-Dichloroethane	ug/L	50	44.2	88	70-130	
1,1-Dichloroethene	ug/L	50	53.7	107	70-130	
1,1-Dichloropropene	ug/L	50	45.3	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.3	97	70-130	
1,2,3-Trichloropropane	ug/L	50	39.1	78	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	70-130	
1,2-Dichlorobenzene	ug/L	50	46.2	92	70-130	
1,2-Dichloroethane	ug/L	50	46.5	93	70-130	
1,2-Dichloropropane	ug/L	50	46.7	93	70-130	
1,3-Dichlorobenzene	ug/L	50	47.2	94	70-130	
1,3-Dichloropropane	ug/L	50	49.7	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204395

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	45.2	90	70-130	
2,2-Dichloropropane	ug/L	50	46.6	93	70-130	
2-Butanone (MEK)	ug/L	100	90.0	90	70-130	
2-Chlorotoluene	ug/L	50	46.4	93	70-130	
2-Hexanone	ug/L	100	96.6	97	70-130	
4-Chlorotoluene	ug/L	50	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-130	
Acetone	ug/L	100	108	108	70-130	
Benzene	ug/L	50	46.4	93	70-130	
Bromobenzene	ug/L	50	45.9	92	70-130	
Bromochloromethane	ug/L	50	45.5	91	70-130	
Bromodichloromethane	ug/L	50	45.4	91	70-130	
Bromoform	ug/L	50	48.7	97	70-130	
Bromomethane	ug/L	50	40.3	81	70-130 v3	
Carbon tetrachloride	ug/L	50	50.0	100	70-130	
Chlorobenzene	ug/L	50	48.2	96	70-130	
Chloroethane	ug/L	50	44.7	89	70-130	
Chloroform	ug/L	50	46.0	92	70-130	
Chloromethane	ug/L	50	38.8	78	70-130 v3	
cis-1,2-Dichloroethene	ug/L	50	44.0	88	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.3	109	70-130	
Dibromochloromethane	ug/L	50	51.3	103	70-130	
Dibromomethane	ug/L	50	51.4	103	70-130	
Dichlorodifluoromethane	ug/L	50	41.4	83	70-130	
Diisopropyl ether	ug/L	50	41.8	84	70-130	
Ethylbenzene	ug/L	50	47.0	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.5	97	70-130	
m&p-Xylene	ug/L	100	94.1	94	70-130	
Methyl-tert-butyl ether	ug/L	50	44.9	90	70-130	
Methylene Chloride	ug/L	50	48.4	97	70-130	
Naphthalene	ug/L	50	47.1	94	70-130	
o-Xylene	ug/L	50	48.2	96	70-130	
p-Isopropyltoluene	ug/L	50	46.0	92	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	46.8	94	70-130	
Toluene	ug/L	50	56.4	113	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.8	110	70-130	
Trichloroethene	ug/L	50	48.5	97	70-130	
Trichlorofluoromethane	ug/L	50	50.8	102	70-130	
Vinyl acetate	ug/L	100	97.6	98	70-130	
Vinyl chloride	ug/L	50	43.0	86	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			89	70-130	
Toluene-d8 (S)	%			118	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204396				3204397								
Parameter	Units	92528627005 Result	MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Max RPD	Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	17.7	19.8	89	99	73-134	11	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	17.8	19.3	89	96	82-143	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.9	19.7	89	98	70-136	10	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	17.5	19.3	87	96	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	17.0	18.0	85	90	70-139	6	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.7	21.8	103	109	70-154	6	30	
1,1-Dichloropropene	ug/L	ND	20	20	17.6	19.1	88	95	70-149	8	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	16.0	18.5	80	93	70-135	15	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.2	19.3	96	96	71-137	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.5	19.4	88	97	73-140	10	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.7	18.5	89	92	65-134	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.7	18.4	88	92	70-133	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	17.1	18.2	85	91	70-137	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	17.6	19.1	88	95	70-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	17.5	19.6	86	96	70-135	11	30	
1,3-Dichloropropane	ug/L	ND	20	20	17.7	17.6	88	88	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.3	18.6	86	93	70-133	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	18.2	19.7	91	98	61-148	8	30	
2-Butanone (MEK)	ug/L	ND	40	40	32.8	33.8	82	84	60-139	3	30	
2-Chlorotoluene	ug/L	ND	20	20	17.5	19.3	88	97	70-144	10	30	
2-Hexanone	ug/L	ND	40	40	33.7	34.5	84	86	65-138	2	30	
4-Chlorotoluene	ug/L	ND	20	20	16.9	18.7	85	93	70-137	10	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	32.8	34.9	82	87	65-135	6	30	
Acetone	ug/L	ND	40	40	32.6	34.2	81	86	60-148	5	30	
Benzene	ug/L	ND	20	20	17.6	19.5	88	97	70-151	10	30	
Bromobenzene	ug/L	ND	20	20	17.1	18.9	85	95	70-136	10	30	
Bromochloromethane	ug/L	ND	20	20	17.1	19.0	86	95	70-141	10	30	
Bromodichloromethane	ug/L	ND	20	20	16.3	17.4	81	87	70-138	7	30	
Bromoform	ug/L	ND	20	20	18.3	18.1	91	91	63-130	1	30	
Bromomethane	ug/L	ND	20	20	17.6	18.7	88	93	15-152	6	30	
Carbon tetrachloride	ug/L	ND	20	20	18.5	20.1	93	100	70-143	8	30	
Chlorobenzene	ug/L	ND	20	20	18.6	19.6	93	98	70-138	5	30	
Chloroethane	ug/L	ND	20	20	17.2	18.7	86	94	52-163	8	30	
Chloroform	ug/L	ND	20	20	17.2	18.7	86	93	70-139	8	30	
Chloromethane	ug/L	ND	20	20	14.0	15.5	70	77	41-139	10	30	v3
cis-1,2-Dichloroethene	ug/L	ND	20	20	16.9	17.8	84	89	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.5	18.8	87	94	70-137	7	30	
Dibromochloromethane	ug/L	ND	20	20	17.5	17.9	87	90	70-134	3	30	
Dibromomethane	ug/L	ND	20	20	18.6	20.3	93	101	70-138	9	30	
Dichlorodifluoromethane	ug/L	ND	20	20	16.3	17.4	81	87	47-155	7	30	
Diisopropyl ether	ug/L	ND	20	20	15.4	16.7	77	84	63-144	8	30	
Ethylbenzene	ug/L	ND	20	20	18.5	19.6	92	98	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.5	21.2	93	106	65-149	14	30	
m&p-Xylene	ug/L	ND	40	40	36.3	38.8	91	97	69-152	6	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204396		3204397		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92528627005 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	ND	20	20	16.8	18.1	84	90	54-156	7	30		
Methylene Chloride	ug/L	ND	20	20	16.0	17.1	80	86	42-159	7	30		
Naphthalene	ug/L	ND	20	20	15.6	18.5	78	93	61-148	17	30		
o-Xylene	ug/L	ND	20	20	18.5	19.2	92	96	70-148	4	30		
p-Isopropyltoluene	ug/L	ND	20	20	17.5	18.8	87	94	70-146	8	30		
Styrene	ug/L	ND	20	20	19.6	19.6	98	98	70-135	0	30		
Tetrachloroethene	ug/L	ND	20	20	19.0	18.7	95	93	59-143	2	30		
Toluene	ug/L	ND	20	20	17.8	19.4	89	97	59-148	9	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	17.3	18.8	87	94	70-146	8	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	17.8	18.8	89	94	70-135	5	30		
Trichloroethene	ug/L	ND	20	20	18.5	20.3	92	102	70-147	9	30		
Trichlorofluoromethane	ug/L	ND	20	20	18.0	19.1	90	95	70-148	6	30		
Vinyl acetate	ug/L	ND	40	40	35.1	37.8	88	94	49-151	7	30		
Vinyl chloride	ug/L	ND	20	20	16.2	17.3	81	86	70-156	6	30		
Xylene (Total)	ug/L	ND	60	60	54.8	57.9	91	97	63-158	6	30		
1,2-Dichloroethane-d4 (S)	%						99	97	70-130				
4-Bromofluorobenzene (S)	%						103	97	70-130				
Toluene-d8 (S)	%						99	100	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
 Pace Project No.: 92528627

QC Batch: 608279 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627015

METHOD BLANK: 3204477 Matrix: Water

Associated Lab Samples: 92528627015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 22:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 22:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 22:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 22:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 22:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 22:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 22:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 22:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 22:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 22:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 22:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 22:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 22:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 22:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 22:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 22:53	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 22:53	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 22:53	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 22:53	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 22:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 22:53	
Acetone	ug/L	ND	25.0	5.1	03/22/21 22:53	
Benzene	ug/L	ND	1.0	0.34	03/22/21 22:53	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 22:53	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 22:53	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 22:53	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 22:53	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 22:53	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 22:53	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 22:53	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 22:53	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 22:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 22:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 22:53	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 22:53	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 22:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 22:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3204477

Matrix: Water

Associated Lab Samples: 92528627015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 22:53	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 22:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 22:53	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 22:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 22:53	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 22:53	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 22:53	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 22:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 22:53	
Styrene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 22:53	
Toluene	ug/L	ND	1.0	0.48	03/22/21 22:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 22:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 22:53	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 22:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 22:53	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 22:53	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 22:53	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 22:53	
1,2-Dichloroethane-d4 (S)	%	89	70-130		03/22/21 22:53	
4-Bromofluorobenzene (S)	%	99	70-130		03/22/21 22:53	
Toluene-d8 (S)	%	109	70-130		03/22/21 22:53	

LABORATORY CONTROL SAMPLE: 3204478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,1-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.8	106	70-130	
1,1,2-Trichloroethane	ug/L	50	52.4	105	70-130	
1,1-Dichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethene	ug/L	50	49.2	98	70-130	
1,1-Dichloropropene	ug/L	50	48.3	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	57.1	114	70-130	
1,2,3-Trichloropropane	ug/L	50	51.4	103	70-130	
1,2,4-Trichlorobenzene	ug/L	50	59.3	119	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.0	116	70-130	
1,2-Dichlorobenzene	ug/L	50	56.9	114	70-130	
1,2-Dichloroethane	ug/L	50	52.0	104	70-130	
1,2-Dichloropropane	ug/L	50	52.0	104	70-130	
1,3-Dichlorobenzene	ug/L	50	58.3	117	70-130	
1,3-Dichloropropane	ug/L	50	48.8	98	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	52.8	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3204478

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	103	103	70-130	
2-Chlorotoluene	ug/L	50	57.8	116	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
4-Chlorotoluene	ug/L	50	55.4	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.8	96	70-130	
Acetone	ug/L	100	107	107	70-130	
Benzene	ug/L	50	53.8	108	70-130	
Bromobenzene	ug/L	50	55.1	110	70-130	
Bromochloromethane	ug/L	50	54.2	108	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	44.1	88	70-130	IK
Bromomethane	ug/L	50	48.6	97	70-130	
Carbon tetrachloride	ug/L	50	49.8	100	70-130	
Chlorobenzene	ug/L	50	53.7	107	70-130	
Chloroethane	ug/L	50	58.3	117	70-130	
Chloroform	ug/L	50	54.6	109	70-130	
Chloromethane	ug/L	50	48.7	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	55.1	110	70-130	
Dibromochloromethane	ug/L	50	47.7	95	70-130	
Dibromomethane	ug/L	50	49.4	99	70-130	
Dichlorodifluoromethane	ug/L	50	48.1	96	70-130	
Diisopropyl ether	ug/L	50	52.9	106	70-130	IK
Ethylbenzene	ug/L	50	52.5	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.1	102	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	59.8	120	70-130	
Methylene Chloride	ug/L	50	48.4	97	70-130	
Naphthalene	ug/L	50	54.6	109	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
p-Isopropyltoluene	ug/L	50	58.6	117	70-130	
Styrene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-130	
Toluene	ug/L	50	48.4	97	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.9	112	70-130	
Trichloroethene	ug/L	50	54.7	109	70-130	
Trichlorofluoromethane	ug/L	50	48.0	96	70-130	
Vinyl acetate	ug/L	100	102	102	70-130	IK
Vinyl chloride	ug/L	50	47.3	95	70-130	
Xylene (Total)	ug/L	150	155	103	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	92528874001		MS		MSD		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec							
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.5	22.3	103	112	73-134	8	30			
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	21.0	100	105	82-143	5	30			
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.1	24.0	116	120	70-136	4	30			
1,1,2-Trichloroethane	ug/L	ND	20	20	20.5	20.5	103	103	70-135	0	30			
1,1-Dichloroethane	ug/L	ND	20	20	19.4	19.0	97	95	70-139	2	30			
1,1-Dichloroethene	ug/L	ND	20	20	19.6	19.6	98	98	70-154	0	30			
1,1-Dichloropropene	ug/L	ND	20	20	19.0	18.5	95	93	70-149	3	30			
1,2,3-Trichlorobenzene	ug/L	ND	20	20	29.9	28.8	150	144	70-135	4	30	M1		
1,2,3-Trichloropropane	ug/L	ND	20	20	21.4	22.7	107	113	71-137	6	30			
1,2,4-Trichlorobenzene	ug/L	ND	20	20	28.3	27.0	142	135	73-140	5	30	M1		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.9	24.1	124	121	65-134	3	30			
1,2-Dichlorobenzene	ug/L	ND	20	20	24.2	26.1	121	131	70-133	8	30			
1,2-Dichloroethane	ug/L	ND	20	20	19.5	20.1	97	100	70-137	3	30			
1,2-Dichloropropane	ug/L	ND	20	20	19.9	21.0	100	105	70-140	5	30			
1,3-Dichlorobenzene	ug/L	ND	20	20	25.4	25.7	127	128	70-135	1	30			
1,3-Dichloropropane	ug/L	ND	20	20	19.2	19.7	96	99	70-143	3	30			
1,4-Dichlorobenzene	ug/L	ND	20	20	23.1	24.3	116	122	70-133	5	30			
2,2-Dichloropropane	ug/L	ND	20	20	20.8	21.9	104	110	61-148	5	30			
2-Butanone (MEK)	ug/L	ND	40	40	33.6	34.1	84	85	60-139	1	30			
2-Chlorotoluene	ug/L	ND	20	20	25.7	25.5	129	127	70-144	1	30			
2-Hexanone	ug/L	ND	40	40	48.6	47.8	121	119	65-138	2	30			
4-Chlorotoluene	ug/L	ND	20	20	24.5	25.8	122	129	70-137	5	30			
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.8	40.0	99	100	65-135	1	30			
Acetone	ug/L	ND	40	40	43.0	40.6	107	101	60-148	6	30			
Benzene	ug/L	ND	20	20	21.0	21.8	105	109	70-151	3	30			
Bromobenzene	ug/L	ND	20	20	24.1	24.5	120	123	70-136	2	30			
Bromochloromethane	ug/L	ND	20	20	22.1	21.0	111	105	70-141	5	30			
Bromodichloromethane	ug/L	ND	20	20	20.3	20.8	102	104	70-138	2	30			
Bromoform	ug/L	ND	20	20	19.2	19.7	96	99	63-130	3	30	IK		
Bromomethane	ug/L	ND	20	20	18.8	18.1	94	91	15-152	3	30	v3		
Carbon tetrachloride	ug/L	ND	20	20	22.5	22.9	112	115	70-143	2	30			
Chlorobenzene	ug/L	ND	20	20	23.8	24.5	119	123	70-138	3	30			
Chloroethane	ug/L	ND	20	20	20.4	18.4	102	92	52-163	11	30			
Chloroform	ug/L	ND	20	20	20.2	21.1	101	105	70-139	4	30			
Chloromethane	ug/L	ND	20	20	16.1	14.4	80	72	41-139	11	30			
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.9	19.1	100	96	70-141	4	30			
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.6	103	108	70-137	5	30			
Dibromochloromethane	ug/L	ND	20	20	18.9	17.6	95	88	70-134	7	30			
Dibromomethane	ug/L	ND	20	20	21.1	21.3	106	107	70-138	1	30			
Dichlorodifluoromethane	ug/L	ND	20	20	9.8	9.8	49	49	47-155	0	30			
Diisopropyl ether	ug/L	ND	20	20	18.3	19.4	92	97	63-144	6	30	IK		
Ethylbenzene	ug/L	ND	20	20	24.4	24.8	122	124	66-153	2	30			
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.7	27.7	139	138	65-149	0	30			
m&p-Xylene	ug/L	ND	40	40	47.2	47.7	118	119	69-152	1	30			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204479		3204480		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92528874001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	19.0	19.4	95	97	54-156	2	30		
Methylene Chloride	ug/L	ND	20	20	18.5	19.3	93	97	42-159	4	30		
Naphthalene	ug/L	ND	20	20	27.7	24.2	139	121	61-148	13	30		
o-Xylene	ug/L	ND	20	20	23.8	24.4	119	122	70-148	3	30		
p-Isopropyltoluene	ug/L	ND	20	20	27.6	27.6	138	138	70-146	0	30		
Styrene	ug/L	ND	20	20	23.4	23.9	117	120	70-135	2	30		
Tetrachloroethene	ug/L	ND	20	20	23.0	25.1	115	125	59-143	9	30		
Toluene	ug/L	ND	20	20	21.1	22.2	105	111	59-148	5	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.6	19.2	103	96	70-146	7	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.3	21.1	102	105	70-135	4	30		
Trichloroethene	ug/L	ND	20	20	21.1	23.5	105	118	70-147	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	18.4	19.1	92	96	70-148	4	30		
Vinyl acetate	ug/L	ND	40	40	38.8	40.7	97	102	49-151	5	30	IK	
Vinyl chloride	ug/L	ND	20	20	15.9	15.1	80	75	70-156	6	30		
Xylene (Total)	ug/L	ND	60	60	71.0	72.0	118	120	63-158	1	30		
1,2-Dichloroethane-d4 (S)	%						100	95	70-130				
4-Bromofluorobenzene (S)	%						97	99	70-130				
Toluene-d8 (S)	%						99	101	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608458 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627001, 92528627013

METHOD BLANK: 3205005 Matrix: Water

Associated Lab Samples: 92528627001, 92528627013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/23/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/23/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/23/21 11:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/23/21 11:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/23/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/23/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/23/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/23/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/23/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/23/21 11:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/23/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/23/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/23/21 11:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/23/21 11:09	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/23/21 11:09	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
2-Hexanone	ug/L	ND	5.0	0.48	03/23/21 11:09	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/23/21 11:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/23/21 11:09	
Acetone	ug/L	ND	25.0	5.1	03/23/21 11:09	
Benzene	ug/L	ND	1.0	0.34	03/23/21 11:09	
Bromobenzene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Bromochloromethane	ug/L	ND	1.0	0.47	03/23/21 11:09	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/23/21 11:09	
Bromoform	ug/L	ND	1.0	0.34	03/23/21 11:09	IK
Bromomethane	ug/L	ND	2.0	1.7	03/23/21 11:09	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/23/21 11:09	
Chlorobenzene	ug/L	ND	1.0	0.28	03/23/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	03/23/21 11:09	
Chloroform	ug/L	ND	5.0	1.6	03/23/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	03/23/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/23/21 11:09	
Dibromomethane	ug/L	ND	1.0	0.39	03/23/21 11:09	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/23/21 11:09	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3205005

Matrix: Water

Associated Lab Samples: 92528627001, 92528627013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/23/21 11:09	IK
Ethylbenzene	ug/L	ND	1.0	0.30	03/23/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/23/21 11:09	
m&p-Xylene	ug/L	ND	2.0	0.71	03/23/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/23/21 11:09	
Methylene Chloride	ug/L	ND	5.0	2.0	03/23/21 11:09	
Naphthalene	ug/L	ND	1.0	0.64	03/23/21 11:09	
o-Xylene	ug/L	ND	1.0	0.34	03/23/21 11:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/23/21 11:09	
Styrene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/23/21 11:09	
Toluene	ug/L	ND	1.0	0.48	03/23/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/23/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/23/21 11:09	
Trichloroethene	ug/L	ND	1.0	0.38	03/23/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/23/21 11:09	
Vinyl acetate	ug/L	ND	2.0	1.3	03/23/21 11:09	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/23/21 11:09	
Xylene (Total)	ug/L	ND	1.0	0.34	03/23/21 11:09	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/23/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		03/23/21 11:09	
Toluene-d8 (S)	%	105	70-130		03/23/21 11:09	

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.1	114	70-130	
1,1,1-Trichloroethane	ug/L	50	50.9	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.3	109	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	47.3	95	70-130	
1,1-Dichloroethene	ug/L	50	48.9	98	70-130	
1,1-Dichloropropene	ug/L	50	46.6	93	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.9	124	70-130	
1,2,3-Trichloropropane	ug/L	50	54.7	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	60.7	121	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.2	116	70-130	
1,2-Dichlorobenzene	ug/L	50	57.5	115	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	54.7	109	70-130	
1,3-Dichlorobenzene	ug/L	50	61.0	122	70-130	
1,3-Dichloropropane	ug/L	50	51.1	102	70-130	
1,4-Dichlorobenzene	ug/L	50	56.4	113	70-130	
2,2-Dichloropropane	ug/L	50	54.0	108	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3205006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	58.2	116	70-130	
2-Hexanone	ug/L	100	111	111	70-130	
4-Chlorotoluene	ug/L	50	57.4	115	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.8	99	70-130	
Acetone	ug/L	100	102	102	70-130	
Benzene	ug/L	50	54.9	110	70-130	
Bromobenzene	ug/L	50	57.9	116	70-130	
Bromochloromethane	ug/L	50	53.2	106	70-130	
Bromodichloromethane	ug/L	50	49.6	99	70-130	
Bromoform	ug/L	50	49.0	98	70-130	IK
Bromomethane	ug/L	50	49.1	98	70-130	v3
Carbon tetrachloride	ug/L	50	50.5	101	70-130	
Chlorobenzene	ug/L	50	57.2	114	70-130	
Chloroethane	ug/L	50	55.5	111	70-130	
Chloroform	ug/L	50	50.0	100	70-130	
Chloromethane	ug/L	50	43.3	87	70-130	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.9	114	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	48.8	98	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	50.4	101	70-130	IK
Ethylbenzene	ug/L	50	54.8	110	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	55.5	111	70-130	
Methylene Chloride	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	57.9	116	70-130	
o-Xylene	ug/L	50	53.3	107	70-130	
p-Isopropyltoluene	ug/L	50	59.8	120	70-130	
Styrene	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	54.8	110	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.3	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.2	112	70-130	
Trichloroethene	ug/L	50	56.8	114	70-130	
Trichlorofluoromethane	ug/L	50	46.3	93	70-130	
Vinyl acetate	ug/L	100	99.9	100	70-130	IK
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			95	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	3205007		3205008		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	500	500	546	538	109	108	73-134	1	30		
1,1,1-Trichloroethane	ug/L	ND	500	500	551	591	110	118	82-143	7	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	500	500	539	568	108	114	70-136	5	30		
1,1,2-Trichloroethane	ug/L	ND	500	500	543	561	109	112	70-135	3	30		
1,1-Dichloroethane	ug/L	ND	500	500	540	552	108	110	70-139	2	30		
1,1-Dichloroethene	ug/L	ND	500	500	564	557	113	111	70-154	1	30		
1,1-Dichloropropene	ug/L	ND	500	500	494	486	99	97	70-149	2	30		
1,2,3-Trichlorobenzene	ug/L	ND	500	500	578	652	116	130	70-135	12	30		
1,2,3-Trichloropropane	ug/L	ND	500	500	535	544	107	109	71-137	2	30		
1,2,4-Trichlorobenzene	ug/L	ND	500	500	587	671	117	134	73-140	13	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	500	500	530	625	106	125	65-134	16	30		
1,2-Dichlorobenzene	ug/L	ND	500	500	596	644	119	129	70-133	8	30		
1,2-Dichloroethane	ug/L	ND	500	500	521	562	104	112	70-137	8	30		
1,2-Dichloropropane	ug/L	ND	500	500	579	609	116	122	70-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	500	500	622	653	124	131	70-135	5	30		
1,3-Dichloropropane	ug/L	ND	500	500	479	476	96	95	70-143	1	30		
1,4-Dichlorobenzene	ug/L	ND	500	500	570	634	114	127	70-133	11	30		
2,2-Dichloropropane	ug/L	ND	500	500	551	587	110	117	61-148	6	30		
2-Butanone (MEK)	ug/L	ND	1000	1000	819	928	82	93	60-139	13	30		
2-Chlorotoluene	ug/L	ND	500	500	610	711	122	142	70-144	15	30		
2-Hexanone	ug/L	ND	1000	1000	981	1140	98	114	65-138	15	30		
4-Chlorotoluene	ug/L	ND	500	500	599	633	120	127	70-137	5	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	1000	1000	990	1020	99	102	65-135	3	30		
Acetone	ug/L	ND	1000	1000	1100	1100	110	110	60-148	0	30		
Benzene	ug/L	1600	500	500	2270	2280	134	137	70-151	1	30		
Bromobenzene	ug/L	ND	500	500	596	639	119	128	70-136	7	30		
Bromochloromethane	ug/L	ND	500	500	561	566	112	113	70-141	1	30		
Bromodichloromethane	ug/L	ND	500	500	570	561	114	112	70-138	2	30		
Bromoform	ug/L	ND	500	500	432	448	86	90	63-130	4	30	IK	
Bromomethane	ug/L	ND	500	500	501	517	100	103	15-152	3	30	v3	
Carbon tetrachloride	ug/L	ND	500	500	626	598	125	120	70-143	5	30		
Chlorobenzene	ug/L	ND	500	500	596	600	119	120	70-138	1	30		
Chloroethane	ug/L	ND	500	500	577	579	115	116	52-163	0	30		
Chloroform	ug/L	ND	500	500	568	532	114	106	70-139	7	30		
Chloromethane	ug/L	ND	500	500	464	521	93	104	41-139	12	30		
cis-1,2-Dichloroethene	ug/L	ND	500	500	512	546	102	109	70-141	6	30		
cis-1,3-Dichloropropene	ug/L	ND	500	500	572	590	114	118	70-137	3	30		
Dibromochloromethane	ug/L	ND	500	500	453	492	91	98	70-134	8	30		
Dibromomethane	ug/L	ND	500	500	565	593	113	119	70-138	5	30		
Dichlorodifluoromethane	ug/L	ND	500	500	556	574	111	115	47-155	3	30		
Diisopropyl ether	ug/L	ND	500	500	498	498	100	100	63-144	0	30	IK	
Ethylbenzene	ug/L	209	500	500	790	789	116	116	66-153	0	30		
Hexachloro-1,3-butadiene	ug/L	ND	500	500	571	625	114	125	65-149	9	30		
m&p-Xylene	ug/L	62.1	1000	1000	1230	1260	117	119	69-152	2	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	3205007		3205008		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Methyl-tert-butyl ether	ug/L	ND	500	500	494	529	99	106	54-156	7	30		
Methylene Chloride	ug/L	ND	500	500	530	524	106	105	42-159	1	30		
Naphthalene	ug/L	1750	500	500	2400	2630	130	175	61-148	9	30	M1	
o-Xylene	ug/L	54.4	500	500	630	629	115	115	70-148	0	30		
p-Isopropyltoluene	ug/L	ND	500	500	623	673	125	135	70-146	8	30		
Styrene	ug/L	ND	500	500	569	579	114	116	70-135	2	30		
Tetrachloroethene	ug/L	ND	500	500	547	580	109	116	59-143	6	30		
Toluene	ug/L	23.5J	500	500	604	605	116	116	59-148	0	30		
trans-1,2-Dichloroethene	ug/L	ND	500	500	556	577	111	115	70-146	4	30		
trans-1,3-Dichloropropene	ug/L	ND	500	500	545	555	109	111	70-135	2	30		
Trichloroethene	ug/L	ND	500	500	620	619	124	124	70-147	0	30		
Trichlorofluoromethane	ug/L	ND	500	500	537	571	107	114	70-148	6	30		
Vinyl acetate	ug/L	ND	1000	1000	987	1030	99	103	49-151	5	30	IK	
Vinyl chloride	ug/L	ND	500	500	470	551	94	110	70-156	16	30		
Xylene (Total)	ug/L	116	1500	1500	1870	1890	117	118	63-158	1	30		
1,2-Dichloroethane-d4 (S)	%						101	104	70-130				
4-Bromofluorobenzene (S)	%						98	95	70-130				
Toluene-d8 (S)	%						103	100	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608862 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627003, 92528627004, 92528627007

METHOD BLANK: 3206865 Matrix: Water

Associated Lab Samples: 92528627003, 92528627004, 92528627007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/24/21 11:48	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/24/21 11:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/24/21 11:48	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/24/21 11:48	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/24/21 11:48	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/24/21 11:48	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/24/21 11:48	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/24/21 11:48	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/24/21 11:48	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/24/21 11:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/24/21 11:48	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/24/21 11:48	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/24/21 11:48	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/24/21 11:48	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/24/21 11:48	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/24/21 11:48	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/24/21 11:48	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/21 11:48	
2-Hexanone	ug/L	ND	5.0	0.48	03/24/21 11:48	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/24/21 11:48	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/24/21 11:48	
Acetone	ug/L	ND	25.0	5.1	03/24/21 11:48	
Benzene	ug/L	ND	1.0	0.34	03/24/21 11:48	
Bromobenzene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Bromochloromethane	ug/L	ND	1.0	0.47	03/24/21 11:48	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/24/21 11:48	
Bromoform	ug/L	ND	1.0	0.34	03/24/21 11:48	
Bromomethane	ug/L	ND	2.0	1.7	03/24/21 11:48	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/24/21 11:48	
Chlorobenzene	ug/L	ND	1.0	0.28	03/24/21 11:48	
Chloroethane	ug/L	ND	1.0	0.65	03/24/21 11:48	
Chloroform	ug/L	ND	5.0	1.6	03/24/21 11:48	
Chloromethane	ug/L	ND	1.0	0.54	03/24/21 11:48	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/24/21 11:48	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/21 11:48	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/24/21 11:48	
Dibromomethane	ug/L	ND	1.0	0.39	03/24/21 11:48	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/24/21 11:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3206865

Matrix: Water

Associated Lab Samples: 92528627003, 92528627004, 92528627007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/24/21 11:48	
Ethylbenzene	ug/L	ND	1.0	0.30	03/24/21 11:48	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/24/21 11:48	
m&p-Xylene	ug/L	ND	2.0	0.71	03/24/21 11:48	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/24/21 11:48	
Methylene Chloride	ug/L	ND	5.0	2.0	03/24/21 11:48	
Naphthalene	ug/L	ND	1.0	0.64	03/24/21 11:48	
o-Xylene	ug/L	ND	1.0	0.34	03/24/21 11:48	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/24/21 11:48	
Styrene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/24/21 11:48	
Toluene	ug/L	ND	1.0	0.48	03/24/21 11:48	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/24/21 11:48	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/24/21 11:48	
Trichloroethene	ug/L	ND	1.0	0.38	03/24/21 11:48	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/24/21 11:48	
Vinyl acetate	ug/L	ND	2.0	1.3	03/24/21 11:48	
Vinyl chloride	ug/L	ND	1.0	0.39	03/24/21 11:48	
Xylene (Total)	ug/L	ND	1.0	0.34	03/24/21 11:48	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/24/21 11:48	
4-Bromofluorobenzene (S)	%	98	70-130		03/24/21 11:48	
Toluene-d8 (S)	%	102	70-130		03/24/21 11:48	

LABORATORY CONTROL SAMPLE: 3206866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethane	ug/L	50	49.3	99	70-130	
1,1-Dichloroethene	ug/L	50	46.0	92	70-130	
1,1-Dichloropropene	ug/L	50	48.7	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.1	102	70-130	
1,2,3-Trichloropropane	ug/L	50	49.0	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	48.5	97	70-130	
1,2-Dichloropropane	ug/L	50	50.6	101	70-130	
1,3-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,3-Dichloropropane	ug/L	50	50.7	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	49.2	98	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3206866

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	112	112	70-130	
2-Chlorotoluene	ug/L	50	47.9	96	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	46.7	93	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	109	109	70-130	
Benzene	ug/L	50	48.2	96	70-130	
Bromobenzene	ug/L	50	46.3	93	70-130	
Bromochloromethane	ug/L	50	47.9	96	70-130	
Bromodichloromethane	ug/L	50	43.7	87	70-130	
Bromoform	ug/L	50	50.7	101	70-130	
Bromomethane	ug/L	50	38.0	76	70-130 v3	
Carbon tetrachloride	ug/L	50	46.0	92	70-130	
Chlorobenzene	ug/L	50	49.1	98	70-130	
Chloroethane	ug/L	50	43.8	88	70-130	
Chloroform	ug/L	50	47.7	95	70-130	
Chloromethane	ug/L	50	42.7	85	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.4	97	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dibromomethane	ug/L	50	47.4	95	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	52.0	104	70-130	
Ethylbenzene	ug/L	50	49.0	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.3	103	70-130	
m&p-Xylene	ug/L	100	98.1	98	70-130	
Methyl-tert-butyl ether	ug/L	50	48.1	96	70-130	
Methylene Chloride	ug/L	50	49.0	98	70-130	
Naphthalene	ug/L	50	51.1	102	70-130	
o-Xylene	ug/L	50	48.8	98	70-130	
p-Isopropyltoluene	ug/L	50	48.5	97	70-130	
Styrene	ug/L	50	51.6	103	70-130	
Tetrachloroethene	ug/L	50	47.1	94	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	41.1	82	70-130	
Vinyl acetate	ug/L	100	120	120	70-130	
Vinyl chloride	ug/L	50	41.6	83	70-130	
Xylene (Total)	ug/L	150	147	98	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3206867				3206868				% Rec Limits	Max RPD	Qual
		92528627007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	103	101	103	101	73-134	1	30	
1,1,1-Trichloroethane	ug/L	ND	100	100	109	108	109	108	82-143	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	104	102	104	102	70-136	2	30	
1,1,2-Trichloroethane	ug/L	ND	100	100	102	103	102	103	70-135	1	30	
1,1-Dichloroethane	ug/L	ND	100	100	111	114	111	114	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	100	100	105	109	105	109	70-154	4	30	
1,1-Dichloropropene	ug/L	ND	100	100	111	112	111	112	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	100	100	102	110	102	110	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	100	100	97.4	97.2	97	97	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	101	106	101	106	73-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	93.2	98.3	93	98	65-134	5	30	
1,2-Dichlorobenzene	ug/L	ND	100	100	102	102	102	102	70-133	0	30	
1,2-Dichloroethane	ug/L	ND	100	100	108	108	108	108	70-137	1	30	
1,2-Dichloropropane	ug/L	ND	100	100	110	111	110	111	70-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	100	100	98.0	100	98	100	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	100	100	106	105	106	105	70-143	1	30	
1,4-Dichlorobenzene	ug/L	ND	100	100	105	105	105	105	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	100	100	106	106	106	106	61-148	0	30	
2-Butanone (MEK)	ug/L	ND	200	200	219	231	109	115	60-139	5	30	
2-Chlorotoluene	ug/L	ND	100	100	101	103	101	103	70-144	3	30	
2-Hexanone	ug/L	ND	200	200	204	216	102	108	65-138	6	30	
4-Chlorotoluene	ug/L	ND	100	100	98.7	101	99	101	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	200	200	200	215	100	108	65-135	8	30	
Acetone	ug/L	ND	200	200	221	237	110	118	60-148	7	30	
Benzene	ug/L	9.6	100	100	117	118	108	108	70-151	1	30	
Bromobenzene	ug/L	ND	100	100	96.0	98.2	96	98	70-136	2	30	
Bromochloromethane	ug/L	ND	100	100	106	107	106	107	70-141	1	30	
Bromodichloromethane	ug/L	ND	100	100	96.4	96.0	96	96	70-138	0	30	
Bromoform	ug/L	ND	100	100	96.9	98.3	97	98	63-130	1	30	
Bromomethane	ug/L	ND	100	100	71.6	76.0	72	76	15-152	6	30 v3	
Carbon tetrachloride	ug/L	ND	100	100	107	106	107	106	70-143	1	30	
Chlorobenzene	ug/L	ND	100	100	105	105	105	105	70-138	1	30	
Chloroethane	ug/L	ND	100	100	125	103	125	103	52-163	20	30	
Chloroform	ug/L	ND	100	100	107	107	107	107	70-139	0	30	
Chloromethane	ug/L	ND	100	100	86.4	93.9	86	94	41-139	8	30	
cis-1,2-Dichloroethene	ug/L	ND	100	100	107	109	107	109	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	100	100	97.3	96.7	97	97	70-137	1	30	
Dibromochloromethane	ug/L	ND	100	100	102	101	102	101	70-134	1	30	
Dibromomethane	ug/L	ND	100	100	102	104	102	104	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	100	100	97.4	98.6	97	99	47-155	1	30	
Diisopropyl ether	ug/L	ND	100	100	107	111	107	111	63-144	3	30	
Ethylbenzene	ug/L	17.8	100	100	125	123	107	105	66-153	2	30	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	111	117	111	117	65-149	5	30	
m&p-Xylene	ug/L	55.6	200	200	278	273	111	109	69-152	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	3206867		3206868		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92528627007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	100	100	99.6	103	100	103	54-156	3	30		
Methylene Chloride	ug/L	ND	100	100	116	117	107	108	42-159	1	30		
Naphthalene	ug/L	675	100	100	750	799	75	123	61-148	6	30		
o-Xylene	ug/L	23.3	100	100	131	130	108	106	70-148	1	30		
p-Isopropyltoluene	ug/L	ND	100	100	103	106	103	106	70-146	3	30		
Styrene	ug/L	58.0	100	100	175	174	117	116	70-135	1	30		
Tetrachloroethene	ug/L	ND	100	100	102	103	102	103	59-143	1	30		
Toluene	ug/L	97.7	100	100	198	202	101	104	59-148	2	30		
trans-1,2-Dichloroethene	ug/L	ND	100	100	110	111	110	111	70-146	1	30		
trans-1,3-Dichloropropene	ug/L	ND	100	100	98.9	100	99	100	70-135	1	30		
Trichloroethene	ug/L	ND	100	100	106	107	106	107	70-147	1	30		
Trichlorofluoromethane	ug/L	ND	100	100	101	99.9	101	100	70-148	1	30		
Vinyl acetate	ug/L	ND	200	200	241	246	121	123	49-151	2	30		
Vinyl chloride	ug/L	ND	100	100	93.3	99.6	93	100	70-156	7	30		
Xylene (Total)	ug/L	78.9	300	300	409	403	110	108	63-158	2	30		
1,2-Dichloroethane-d4 (S)	%						106	105	70-130				
4-Bromofluorobenzene (S)	%						101	98	70-130				
Toluene-d8 (S)	%						98	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608184 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3203914 Matrix: Water
Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/23/21 08:51	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/23/21 08:51	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/23/21 08:51	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/23/21 08:51	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/23/21 08:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/23/21 08:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/23/21 08:51	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/23/21 08:51	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/23/21 08:51	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/23/21 08:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/23/21 08:51	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/23/21 08:51	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/23/21 08:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/23/21 08:51	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/23/21 08:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/23/21 08:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/23/21 08:51	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/23/21 08:51	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/23/21 08:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/23/21 08:51	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/23/21 08:51	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/23/21 08:51	
Acenaphthene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Acenaphthylene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Aniline	ug/L	ND	10.0	1.6	03/23/21 08:51	
Anthracene	ug/L	ND	10.0	2.3	03/23/21 08:51	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/23/21 08:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/23/21 08:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/23/21 08:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/23/21 08:51	
Benzoic Acid	ug/L	ND	50.0	3.4	03/23/21 08:51	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/23/21 08:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/23/21 08:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/23/21 08:51	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

METHOD BLANK: 3203914

Matrix: Water

Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/23/21 08:51	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/23/21 08:51	
Chrysene	ug/L	ND	10.0	2.8	03/23/21 08:51	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/23/21 08:51	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/23/21 08:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/23/21 08:51	
Dibenzofuran	ug/L	ND	10.0	2.1	03/23/21 08:51	
Diethylphthalate	ug/L	ND	10.0	2.0	03/23/21 08:51	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/23/21 08:51	
Fluoranthene	ug/L	ND	10.0	2.2	03/23/21 08:51	
Fluorene	ug/L	ND	10.0	2.1	03/23/21 08:51	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/23/21 08:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/23/21 08:51	
Hexachloroethane	ug/L	ND	10.0	1.4	03/23/21 08:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/23/21 08:51	
Isophorone	ug/L	ND	10.0	1.7	03/23/21 08:51	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/23/21 08:51	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/23/21 08:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/23/21 08:51	
Nitrobenzene	ug/L	ND	10.0	1.9	03/23/21 08:51	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/23/21 08:51	
Phenanthrene	ug/L	ND	10.0	2.0	03/23/21 08:51	
Phenol	ug/L	ND	10.0	1.4	03/23/21 08:51	
Pyrene	ug/L	ND	10.0	2.2	03/23/21 08:51	
2,4,6-Tribromophenol (S)	%	78	10-144		03/23/21 08:51	
2-Fluorobiphenyl (S)	%	68	10-130		03/23/21 08:51	
2-Fluorophenol (S)	%	53	10-130		03/23/21 08:51	
Nitrobenzene-d5 (S)	%	69	10-144		03/23/21 08:51	
Phenol-d6 (S)	%	42	10-130		03/23/21 08:51	
Terphenyl-d14 (S)	%	102	34-163		03/23/21 08:51	

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	21.1	42	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	24.2	48	28-130	
2,4,5-Trichlorophenol	ug/L	50	28.7	57	35-130	
2,4,6-Trichlorophenol	ug/L	50	26.1	52	31-130	
2,4-Dichlorophenol	ug/L	50	25.9	52	35-130	
2,4-Dimethylphenol	ug/L	50	26.8	54	34-130	
2,4-Dinitrophenol	ug/L	250	174	70	10-153	
2,4-Dinitrotoluene	ug/L	50	37.0	74	37-136	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	31.4	63	33-136	
2-Chloronaphthalene	ug/L	50	21.9	44	26-130	
2-Chlorophenol	ug/L	50	24.5	49	37-130	
2-Methylnaphthalene	ug/L	50	20.4	41	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	24.3	49	35-130	
2-Nitroaniline	ug/L	100	61.0	61	37-130	
2-Nitrophenol	ug/L	50	25.1	50	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	23.5	47	34-130	
3,3'-Dichlorobenzidine	ug/L	100	80.2	80	34-136	
3-Nitroaniline	ug/L	100	69.0	69	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	76.6	77	21-157	
4-Bromophenylphenyl ether	ug/L	50	34.9	70	38-130	
4-Chloro-3-methylphenol	ug/L	100	53.1	53	37-130	
4-Chloroaniline	ug/L	100	49.2	49	38-130	
4-Chlorophenylphenyl ether	ug/L	50	27.8	56	33-130	
4-Nitroaniline	ug/L	100	78.5	79	42-137	
4-Nitrophenol	ug/L	250	118	47	10-130	
Acenaphthene	ug/L	50	25.9	52	33-130	
Acenaphthylene	ug/L	50	25.5	51	35-130	
Aniline	ug/L	50	21.0	42	22-130	
Anthracene	ug/L	50	36.6	73	48-130	
Benzo(a)anthracene	ug/L	50	42.3	85	48-137	
Benzo(b)fluoranthene	ug/L	50	44.4	89	52-138	
Benzo(g,h,i)perylene	ug/L	50	42.7	85	48-140	
Benzo(k)fluoranthene	ug/L	50	45.9	92	48-139	
Benzoic Acid	ug/L	250	84.6	34	10-130	
Benzyl alcohol	ug/L	100	50.0	50	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	26.9	54	34-130	
bis(2-Chloroethyl) ether	ug/L	50	27.9	56	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	46.0	92	32-165	
Butylbenzylphthalate	ug/L	50	44.4	89	34-161	
Chrysene	ug/L	50	40.7	81	47-131	
Di-n-butylphthalate	ug/L	50	42.5	85	39-144	
Di-n-octylphthalate	ug/L	50	40.0	80	30-170	
Dibenz(a,h)anthracene	ug/L	50	41.9	84	49-138	
Dibenzofuran	ug/L	50	27.8	56	33-130	
Diethylphthalate	ug/L	50	36.8	74	38-131	
Dimethylphthalate	ug/L	50	32.3	65	37-130	
Fluoranthene	ug/L	50	41.3	83	46-137	
Fluorene	ug/L	50	30.8	62	37-130	
Hexachlorobenzene	ug/L	50	32.6	65	38-130	
Hexachlorocyclopentadiene	ug/L	50	14.1	28	10-130	
Hexachloroethane	ug/L	50	15.7	31	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.6	85	41-130	
Isophorone	ug/L	50	25.8	52	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	26.7	53	36-130	
N-Nitrosodimethylamine	ug/L	50	22.5	45	34-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

LABORATORY CONTROL SAMPLE: 3203915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	32.6	65	37-130	
Nitrobenzene	ug/L	50	25.1	50	36-130	
Pentachlorophenol	ug/L	100	79.2	79	23-149	
Phenanthrene	ug/L	50	36.9	74	44-130	
Phenol	ug/L	50	16.5	33	18-130	
Pyrene	ug/L	50	42.8	86	47-134	
2,4,6-Tribromophenol (S)	%			74	10-144	
2-Fluorobiphenyl (S)	%			46	10-130	
2-Fluorophenol (S)	%			37	10-130	
Nitrobenzene-d5 (S)	%			50	10-144	
Phenol-d6 (S)	%			30	10-130	
Terphenyl-d14 (S)	%			93	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3203916 3203917

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528627005 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	ND	50	50	50	35.0	23.9	70	48	10-130	38	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	40.4	27.4	81	55	12-142	38	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	48.8	32.1	98	64	10-143	41	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	43.1	28.6	86	57	10-147	40	30	R1
2,4-Dichlorophenol	ug/L	ND	50	50	50	42.3	29.3	85	59	10-138	36	30	R1
2,4-Dimethylphenol	ug/L	ND	50	50	50	43.2	30.9	86	62	25-130	33	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	250	196	192	78	77	10-165	2	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	50	65.6	46.1	131	92	29-148	35	30	R1
2,6-Dinitrotoluene	ug/L	ND	50	50	50	59.6	39.9	119	80	26-146	40	30	R1
2-Chloronaphthalene	ug/L	ND	50	50	50	37.7	25.1	75	50	11-130	40	30	R1
2-Chlorophenol	ug/L	ND	50	50	50	40.1	29.1	80	58	10-133	32	30	R1
2-Methylnaphthalene	ug/L	ND	50	50	50	35.0	24.1	70	48	13-130	37	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	39.1	28.1	78	56	20-130	33	30	R1
2-Nitroaniline	ug/L	ND	100	100	100	112	72.6	112	73	24-136	43	30	R1
2-Nitrophenol	ug/L	ND	50	50	50	42.5	29.7	85	59	10-153	35	30	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	36.8	27.2	74	54	16-130	30	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	122	94.4	122	94	10-153	25	30	
3-Nitroaniline	ug/L	ND	100	100	100	123	85.5	123	85	22-151	36	30	R1
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	119	92.0	119	92	10-180	25	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	61.6	42.0	123	84	25-130	38	30	R1
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	89.5	59.8	90	60	25-133	40	30	R1
4-Chloroaniline	ug/L	ND	100	100	100	83.7	59.0	84	59	14-132	35	30	R1
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	50.8	32.7	102	65	19-130	43	30	R1
4-Nitroaniline	ug/L	ND	100	100	100	136	98.1	136	98	29-150	33	30	R1
4-Nitrophenol	ug/L	ND	250	250	250	175	145	70	58	10-130	19	30	
Acenaphthene	ug/L	ND	50	50	50	45.9	29.8	92	60	16-130	43	30	R1
Acenaphthylene	ug/L	ND	50	50	50	46.0	29.7	92	59	15-137	43	30	R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Parameter	Units	3203916		3203917		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528627005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aniline	ug/L	ND	50	50	36.1	26.5	72	53	10-130	31	30	R1	
Anthracene	ug/L	ND	50	50	62.0	44.9	124	90	37-136	32	30	R1	
Benzo(a)anthracene	ug/L	ND	50	50	64.4	51.2	129	102	40-145	23	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	66.6	50.2	133	100	39-151	28	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	68.1	52.4	136	105	40-147	26	30		
Benzo(k)fluoranthene	ug/L	ND	50	50	69.2	54.5	138	109	40-146	24	30		
Benzoic Acid	ug/L	ND	250	250	14.5J	36.1J	6	14	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	84.8	60.4	85	60	25-130	34	30	R1	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	43.3	30.1	87	60	23-130	36	30	R1	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	46.3	32.3	93	65	25-130	36	30	R1	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	65.2	52.5	130	105	28-166	22	30		
Butylbenzylphthalate	ug/L	ND	50	50	67.9	53.1	136	106	33-165	24	30		
Chrysene	ug/L	ND	50	50	62.0	50.9	124	102	38-141	20	30		
Di-n-butylphthalate	ug/L	ND	50	50	65.2	49.5	130	99	32-153	27	30		
Di-n-octylphthalate	ug/L	ND	50	50	61.9	48.7	124	97	30-175	24	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	51.7	135	103	39-148	27	30		
Dibenzofuran	ug/L	ND	50	50	48.8	32.1	98	64	20-130	41	30	R1	
Diethylphthalate	ug/L	ND	50	50	62.3	44.2	125	88	28-142	34	30	R1	
Dimethylphthalate	ug/L	ND	50	50	57.2	39.1	114	78	26-136	38	30	R1	
Fluoranthene	ug/L	ND	50	50	65.3	50.6	131	101	39-143	25	30		
Fluorene	ug/L	ND	50	50	54.6	35.7	109	71	24-132	42	30	R1	
Hexachlorobenzene	ug/L	ND	50	50	55.8	39.2	112	78	29-130	35	30	R1	
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.9	16.5	50	33	10-130	41	30	R1	
Hexachloroethane	ug/L	ND	50	50	28.1	18.9	56	38	10-130	39	30	R1	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	67.4	52.5	135	105	39-148	25	30		
Isophorone	ug/L	ND	50	50	43.0	29.5	86	59	23-130	37	30	R1	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	46.0	32.1	92	64	25-130	36	30	R1	
N-Nitrosodimethylamine	ug/L	ND	50	50	37.4	28.5	75	57	22-130	27	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	56.3	38.5	113	77	26-134	38	30	R1	
Nitrobenzene	ug/L	ND	50	50	41.7	29.6	83	59	25-130	34	30	R1	
Pentachlorophenol	ug/L	ND	100	100	121	94.0	121	94	10-175	25	30		
Phenanthrene	ug/L	ND	50	50	60.8	44.8	122	90	36-133	30	30		
Phenol	ug/L	ND	50	50	24.7	18.9	49	38	10-130	27	30		
Pyrene	ug/L	ND	50	50	63.4	52.0	127	104	40-143	20	30		
2,4,6-Tribromophenol (S)	%						123	89	10-144				
2-Fluorobiphenyl (S)	%						77	54	10-130				
2-Fluorophenol (S)	%						59	45	10-130				
Nitrobenzene-d5 (S)	%						83	60	10-144				
Phenol-d6 (S)	%						45	36	10-130				
Terphenyl-d14 (S)	%						136	117	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

QC Batch:	608418	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3511	Analysis Description:	8270E 3511 Low Volume PAH SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204878 Matrix: Water

Associated Lab Samples: 92528627001, 92528627002, 92528627003, 92528627004, 92528627005, 92528627006, 92528627007, 92528627008, 92528627009, 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/23/21 11:58	
2-Fluorobiphenyl (S)	%	115	61-163		03/23/21 11:58	
Nitrobenzene-d5 (S)	%	110	67-170		03/23/21 11:58	
Terphenyl-d14 (S)	%	110	62-169		03/23/21 11:58	

LABORATORY CONTROL SAMPLE: 3204879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.1	84	70-130	
2-Fluorobiphenyl (S)	%			113	61-163	
Nitrobenzene-d5 (S)	%			111	67-170	
Terphenyl-d14 (S)	%			102	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204880 3204881

Parameter	Units	3204880		3204881		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.						
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.5	99	98	50-165	1	30	
2-Fluorobiphenyl (S)	%					134	130	61-163			
Nitrobenzene-d5 (S)	%					116	117	67-170			
Terphenyl-d14 (S)	%					117	118	62-169			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch: 608386 Analysis Method: SM 4500-S2D-2011
QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204846 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/23/21 05:42	

LABORATORY CONTROL SAMPLE: 3204847

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.53	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204848 3204849

Parameter	Units	92528627013		3204849		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.						
Sulfide	mg/L	0.10	0.5	0.65	0.66	110	112	80-120	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204850 3204851

Parameter	Units	92528681002		3204851		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MS Spike Conc.	MS Result	MS Spike Conc.						
Sulfide	mg/L	ND	0.5	0.55	0.56	110	113	80-120	3	10	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

QC Batch:	608283	Analysis Method:	EPA 300.0 Rev 2.1 1993
QC Batch Method:	EPA 300.0 Rev 2.1 1993	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3204500 Matrix: Water
Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/22/21 20:49	

LABORATORY CONTROL SAMPLE: 3204501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	52.9	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204502 3204503

Parameter	Units	92528546001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	1220	50	50	1340	1340	237	231	90-110	0	10	M6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204504 3204505

Parameter	Units	92528730001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfate	mg/L	10.4	50	50	62.6	60.5	104	100	90-110	3	10	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

QC Batch: 609655 Analysis Method: SM 5310B-2011
 QC Batch Method: SM 5310B-2011 Analysis Description: 5310B TOC
 Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

METHOD BLANK: 3211135 Matrix: Water
 Associated Lab Samples: 92528627010, 92528627011, 92528627012, 92528627013, 92528627014, 92528627015, 92528627016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/26/21 23:53	

LABORATORY CONTROL SAMPLE: 3211136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.6	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211137 3211138

Parameter	Units	92528627010		3211137		3211138		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.	MS Result	MSD Result					MS % Rec
Total Organic Carbon	mg/L	3.2	25	25	25	28.2	28.6	100	102	90-110	1	10

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211139 3211140

Parameter	Units	92528627016		3211139		3211140		% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MS Spike Conc.	MSD Result	MSD Spike Conc.	MS Result	MSD Result					MS % Rec
Total Organic Carbon	mg/L	2.7	25	25	25	27.6	28.0	100	101	90-110	1	10

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030499
Pace Project No.: 92528627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528627010	MW-21_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627011	MW-39BR_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627012	MW-39BRL_WG_20210317	EPA 3010A	608377	EPA 6010D	608407
92528627013	MW-45BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627014	MW-46BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627015	MW-47BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627016	MW-38BR_WG_20210316	EPA 3010A	608377	EPA 6010D	608407
92528627010	MW-21_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627011	MW-39BR_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627012	MW-39BRL_WG_20210317	EPA 3010A	608250	EPA 6010D	608352
92528627013	MW-45BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627014	MW-46BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627015	MW-47BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627016	MW-38BR_WG_20210316	EPA 3010A	608250	EPA 6010D	608352
92528627001	MW-3BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627002	MW-3BRL_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627003	MW-21BR_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627004	MW-21BRL_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627005	MW-39S_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627006	MW-38S_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627007	FD-03_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627008	MW-18_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627009	FB-05_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627010	MW-21_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627011	MW-39BR_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627012	MW-39BRL_WG_20210317	EPA 3510C	608184	EPA 8270E	608447
92528627013	MW-45BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627014	MW-46BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627015	MW-47BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627016	MW-38BR_WG_20210316	EPA 3510C	608184	EPA 8270E	608447
92528627001	MW-3BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627002	MW-3BRL_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627003	MW-21BR_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627004	MW-21BRL_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627005	MW-39S_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627006	MW-38S_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627007	FD-03_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627008	MW-18_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627009	FB-05_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627010	MW-21_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627011	MW-39BR_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627012	MW-39BRL_WG_20210317	EPA 3511	608418	EPA 8270E by SIM	608525
92528627013	MW-45BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627014	MW-46BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627015	MW-47BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627016	MW-38BR_WG_20210316	EPA 3511	608418	EPA 8270E by SIM	608525
92528627001	MW-3BR_WG_20210316	EPA 8260D	608458		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030499

Pace Project No.: 92528627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528627002	MW-3BRL_WG_20210316	EPA 8260D	608267		
92528627003	MW-21BR_WG_20210317	EPA 8260D	608862		
92528627004	MW-21BRL_WG_20210317	EPA 8260D	608862		
92528627005	MW-39S_WG_20210317	EPA 8260D	608267		
92528627006	MW-38S_WG_20210316	EPA 8260D	608267		
92528627007	FD-03_WG_20210317	EPA 8260D	608862		
92528627008	MW-18_WG_20210316	EPA 8260D	608267		
92528627009	FB-05_WG_20210317	EPA 8260D	608257		
92528627010	MW-21_WG_20210317	EPA 8260D	608267		
92528627011	MW-39BR_WG_20210317	EPA 8260D	608267		
92528627012	MW-39BRL_WG_20210317	EPA 8260D	608267		
92528627013	MW-45BR_WG_20210316	EPA 8260D	608458		
92528627014	MW-46BR_WG_20210316	EPA 8260D	608267		
92528627015	MW-47BR_WG_20210316	EPA 8260D	608279		
92528627016	MW-38BR_WG_20210316	EPA 8260D	608267		
92528627017	TB-08_WG_20210317	EPA 8260D	608257		
92528627018	TB-09_WG_20210317	EPA 8260D	608257		
92528627019	TB-10_WG_20210317	EPA 8260D	608257		
92528627010	MW-21_WG_20210317	SM 4500-S2D-2011	608386		
92528627011	MW-39BR_WG_20210317	SM 4500-S2D-2011	608386		
92528627012	MW-39BRL_WG_20210317	SM 4500-S2D-2011	608386		
92528627013	MW-45BR_WG_20210316	SM 4500-S2D-2011	608386		
92528627014	MW-46BR_WG_20210316	SM 4500-S2D-2011	608386		
92528627015	MW-47BR_WG_20210316	SM 4500-S2D-2011	608386		
92528627016	MW-38BR_WG_20210316	SM 4500-S2D-2011	608386		
92528627010	MW-21_WG_20210317	EPA 300.0 Rev 2.1 1993	608283		
92528627011	MW-39BR_WG_20210317	EPA 300.0 Rev 2.1 1993	608283		
92528627012	MW-39BRL_WG_20210317	EPA 300.0 Rev 2.1 1993	608283		
92528627013	MW-45BR_WG_20210316	EPA 300.0 Rev 2.1 1993	608283		
92528627014	MW-46BR_WG_20210316	EPA 300.0 Rev 2.1 1993	608283		
92528627015	MW-47BR_WG_20210316	EPA 300.0 Rev 2.1 1993	608283		
92528627016	MW-38BR_WG_20210316	EPA 300.0 Rev 2.1 1993	608283		
92528627010	MW-21_WG_20210317	SM 5310B-2011	609655		
92528627011	MW-39BR_WG_20210317	SM 5310B-2011	609655		
92528627012	MW-39BRL_WG_20210317	SM 5310B-2011	609655		
92528627013	MW-45BR_WG_20210316	SM 5310B-2011	609655		
92528627014	MW-46BR_WG_20210316	SM 5310B-2011	609655		
92528627015	MW-47BR_WG_20210316	SM 5310B-2011	609655		
92528627016	MW-38BR_WG_20210316	SM 5310B-2011	609655		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name:
Synterra

Project #: **WO# : 92528627**



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-19-21
AMH

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 927064 Type of Ice: Wet Blue None

Cooler Temp: 1.3/0.6/0.1 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.3/0.6/0.1

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	9.
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92528627

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

PM: KLH1

Due Date: 03/25/21

**Bottom half of box is to list number of bottles

CLIENT: 92-Duke Ener

pg 1

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	9	/	/	/	/	/	/	/	/	/	6	9	
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

WO# : 92528627

pg 2

PM: KLH1

Due Date: 03/25/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3											2	3	
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3											2	3	
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3											2	3	
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3											2	3	
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2													
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2													
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2													
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/														
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/														
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/														
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/														
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Section B Required Project Information: Section C Invoice Information:

Company: Synterra
 Address: 148 River street
 Suite 220, Greenville, SC 29601
 Email: king@synteracorp.com
 Phone: (803)429-3698
 Fax:
 Requested Due Date:
 Report To: Tom King
 Copy To:
 Purchase Order #:
 Project Name: Former Bramlette MGP Site
 Project #:
 Attention:
 Company Name:
 Address:
 Pace Quoter:
 Pace Project Manager: Kevin.Herring@pacelabs.com
 Pace Profile #: 7754
 Regulatory Agency:
 State / Location: SC

Page: 1 Of 3

ITEM #	MATERIAL	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test							Residual Chlorine (Y/N)	REMARKS										
					START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC			Sulfate	Sulfide	TRIP BLANKS							
25	MMW-35TZ_WG	WT																																	
26	MMW-35BR_WG	WT																																	
27	MMW-43S_WG	WT																																	
28	MMW-43TZ_WG	WT																																	
29	MMW-43BR_WG	WT																																	
30	MMW-1_WG	WT																																	
31	MMW-2TZ_WG	WT																																	
32	MMW-2BR_WG	WT																																	
33	MMW-3BR_WG	WT																																	
34	MMW-3BR_WG	WT																																	
35	MMW-21_WG	WT																																	
36	MMW-21BR_WG	WT																																	
ADDITIONAL COMMENTS					RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS																		
					Melsa Sist		3-17-21		1400		Melsa Sist		3-17-21		1235		TEMP in C: 0.6																		
					Pace		3-18-21		1410		Pace		3-18-21		1410		Received on Ice (Y/N): Y																		
					Pace		3-18-21		1410		Pace		3-19-21		8:00		Custody Sealed Cooler (Y/N): N																		
					Pace		3-18-21		1410		Pace		3-19-21		8:00		Samples Intact (Y/N): Y																		



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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:				Section B Report To: Tom King				Section C Invoice Information:			
Company:	Syrterra	Copy To:		Company Name:		Requested Analysis Filtered (Y/N)		Regulatory Agency:		State / Location:	SC
Address:	148 River Street	Purchase Order #:		Address:							
Email:	king@syrttercorp.com	Project Name:	Former Brantelle MGP Site	Pace Project Manager:	Kevin Herring@pacelabs.com						
Phone:	(803) 429-3668	Fax:		Pace Profile #:	7754						
Requested Due Date:		Project #:									

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	Preservatives							Analyses Test		Requested Analysis Filtered (Y/N)			Residual Chlorine (Y/N)													
			START	END		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other																		
														DATE	TIME	8260	8270		8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS						
37	MM-21BR_L_WG	WT	3/17/11	10:51	8.5								X	X	X	X	X	X	X	X	X	X						MS/MSD	62524627		
38	MM-39S_WG	WT	3/17/11	10:49	24.15													X	X	X	X	X	X	X	X	X	X	X	MS/MSD	005	
39	MM-39BR_WG	WT	3/17/11	09:57	15.6			23					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			011	
40	MM-39BR_L_WG	WT	3/17/11	09:03	15.6			23					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			012	
41	MM-45BR_WG	WT	3/16/11	09:03	15.6			23					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			013	
42	MM-46BR_WG	WT	3/16/11	14:27	15.6			23					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			014	
43	MM-47BR_WG	WT	3/16/11	13:53	15.6			23					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			015	
44	MM-5_WG	WT											X	X	X																
45	MM-22_WG	WT											X	X	X																
46	MM-40BR_WG	WT											X	X	X																
47	MM-39S_WG	WT	3/17/11	12:00	8.5			3					X	X	X																016
48	MM-38BR_WG	WT	3/16/11	10:58	15.6			23					X	X	X																016
REQUISITIONED BY / AFFILIATION			DATE			TIME			ACCEPTED BY / AFFILIATION			DATE			TIME			SAMPLE CONDITIONS													
[Signature]			3/17/11			13:35			[Signature]			3-17-11			12:35			[Signature]													
[Signature]			3-17-11			14:00			[Signature]			3-17-11			14:00			[Signature]													
[Signature]			3-16-11			14:10			[Signature]			3-16-11			14:10			[Signature]													

SAMPLER NAME AND SIGNATURE		DATE SIGNED:	
PRINT NAME OF SAMPLER:	[Signature]		
SIGNATURE OF SAMPLER:	[Signature]		



Section A

Required Client Information:

Company: Synterra
 Address: 148 River street
 Suite 220, Greenville, SC 29601
 Email: king@synterra.com
 Phone: (803)429-9668
 Requested Due Date:

Section B
 Required Project Information:

Report To: Tom King
 Copy To:
 Purchase Order #:
 Project Name: Former Bramlette MGP Site
 Project #:

Section C
 Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: kevin.harrington@pacelabs.com
 Pace Profile #: 7754

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample IDs must be unique	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test							Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)										
						START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate			Sulfide	TRIP BLANKS								
61	MW-44TZ WG	Drinking Water	DW																																	
62	MW-44BR WG	Water	WT																																	
63	FD-01 WG	Drinking Water	DW																																	
64	FD-02 WG	Drinking Water	DW																																	
65	FD-03 WG	Drinking Water	DW																																	
66	MW-18-WG-00210316	Drinking Water	DW																																	
67	FB-05-WG-00310317	Drinking Water	DW																																	
68	TR-08-WG-00310317	Drinking Water	DW																																	
69	TR-09-WG-00310317	Drinking Water	DW																																	
70	TR-10-WG-00310317	Drinking Water	DW																																	
71																																				
72																																				

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLER CONDITIONS			
<i>[Signature]</i>	3/17/21	1235	<i>[Signature]</i>	3-17-21	1235	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
<i>[Signature]</i>	3-17-21	140	<i>[Signature]</i>	3-17-21	1200	6.6	Y	Y	Y
<i>[Signature]</i>	3-18-21	1410	<i>[Signature]</i>	3-18-21	1410	1.3	Y	Y	Y

March 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92527577001	MW-7R_WG_20210311	Water	03/11/21 14:41	03/12/21 12:50
92527577002	MW-9R_WG_20210311	Water	03/11/21 15:02	03/12/21 12:50
92527577003	MW-16_WG_20210311	Water	03/11/21 12:55	03/12/21 12:50
92527577004	MW-26_WG_20210311	Water	03/11/21 09:39	03/12/21 12:50
92527577005	MW-27_WG_20210311	Water	03/11/21 10:09	03/12/21 12:50
92527577006	MW-36S_WG_20210311	Water	03/11/21 13:00	03/12/21 12:50
92527577007	MW-36TZ_WG_20210311	Water	03/11/21 12:43	03/12/21 12:50
92527577008	MW-36BR_WG_20210311	Water	03/11/21 11:35	03/12/21 12:50
92527577009	MW-37S_WG_20210312	Water	03/12/21 09:31	03/12/21 12:50
92527577010	MW-37TZ_WG_20210312	Water	03/12/21 10:35	03/12/21 12:50
92527577011	MW-37BR_WG_20210312	Water	03/12/21 09:57	03/12/21 12:50
92527577012	MW-42S_WG_20210311	Water	03/11/21 14:02	03/12/21 12:50
92527577013	MW-42TZ_WG_20210311	Water	03/11/21 14:34	03/12/21 12:50
92527577014	MW-42BR_WG_20210311	Water	03/11/21 15:04	03/12/21 12:50
92527577015	MW-35S_WG_20210312	Water	03/12/21 09:34	03/12/21 12:50
92527577016	MW-35TZ_WG_20210312	Water	03/12/21 09:10	03/12/21 12:50
92527577017	MW-35BR_WG_20210312	Water	03/12/21 10:10	03/12/21 12:50
92527577018	MW-43S_WG_20210311	Water	03/11/21 11:30	03/12/21 12:50
92527577019	MW-43TZ_WG_20210311	Water	03/11/21 10:37	03/12/21 12:50
92527577020	FD-01_WG_20210311	Water	03/11/21 00:00	03/12/21 12:50
92527577021	FB-02_WG_20210311	Water	03/11/21 15:50	03/12/21 12:50
92527577022	FB-03_WG_20210312	Water	03/11/21 10:40	03/12/21 12:50
92527577023	MW-13R_WG_20210311	Water	03/11/21 10:33	03/12/21 12:50
92527577024	MW-15_WG_20210311	Water	03/11/21 12:23	03/12/21 12:50
92527577025	MW-28_WG_20210311	Water	03/11/21 14:06	03/12/21 12:50
92527577026	MW-43BR_WG_20210311	Water	03/11/21 09:45	03/12/21 12:50
92527577027	TB-03_WG_20210311	Water	03/11/21 00:00	03/12/21 12:50
92527577028	TB-04_WG_20210311	Water	03/11/21 00:00	03/12/21 12:50
92527577029	TB-05_WG_20210312	Water	03/12/21 00:00	03/12/21 12:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527577001	MW-7R_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577002	MW-9R_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577003	MW-16_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577004	MW-26_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577005	MW-27_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92527577006	MW-36S_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92527577007	MW-36TZ_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	PM1	62	PASI-C
92527577008	MW-36BR_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577009	MW-37S_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577010	MW-37TZ_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577011	MW-37BR_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577012	MW-42S_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577013	MW-42TZ_WG_20210311	EPA 8270E	PKS	67	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527577014	MW-42BR_WG_20210311	EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92527577015	MW-35S_WG_20210312	EPA 8260D	BSH	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92527577016	MW-35TZ_WG_20210312	EPA 8260D	BSH	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92527577017	MW-35BR_WG_20210312	EPA 8260D	BSH	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92527577018	MW-43S_WG_20210311	EPA 8260D	BSH	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577019	MW-43TZ_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577020	FD-01_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577021	FB-02_WG_20210311	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577022	FB-03_WG_20210312	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
92527577023	MW-13R_WG_20210311	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A		
		SM 5310B-2011	ECH	1	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92527577024	MW-15_WG_20210311	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577025	MW-28_WG_20210311	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577026	MW-43BR_WG_20210311	EPA 6010D	SH1	2	PASI-A
		EPA 6010D	SH1	2	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 4500-S2D-2011	JP1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JLH	1	PASI-A
		SM 5310B-2011	ECH	1	PASI-A
92527577027	TB-03_WG_20210311	EPA 8260D	BSH	62	PASI-C
92527577028	TB-04_WG_20210311	EPA 8260D	SAS	62	PASI-C
92527577029	TB-05_WG_20210312	EPA 8260D	SAS	62	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527577001	MW-7R_WG_20210311					
EPA 8270E	1-Methylnaphthalene	3.4J	ug/L	10.0	03/17/21 11:08	
EPA 8260D	Benzene	12.4	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Methyl-tert-butyl ether	0.86J	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Naphthalene	31.0	ug/L	1.0	03/18/21 18:41	
EPA 8260D	Xylene (Total)	1.1	ug/L	1.0	03/18/21 18:41	
EPA 8260D	m&p-Xylene	1.1J	ug/L	2.0	03/18/21 18:41	
92527577002	MW-9R_WG_20210311					
EPA 8260D	Methyl-tert-butyl ether	1.4	ug/L	1.0	03/18/21 17:46	
92527577005	MW-27_WG_20210311					
EPA 8260D	Methyl-tert-butyl ether	0.63J	ug/L	1.0	03/18/21 22:58	
92527577006	MW-36S_WG_20210311					
EPA 8270E	Acenaphthene	4.7J	ug/L	10.0	03/17/21 15:42	
EPA 8270E	Dibenzofuran	2.4J	ug/L	10.0	03/17/21 15:42	
EPA 8270E	1-Methylnaphthalene	5.8J	ug/L	10.0	03/17/21 15:42	
EPA 8260D	Benzene	8.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Ethylbenzene	40.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Naphthalene	198	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Styrene	1.0J	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Toluene	11.4	ug/L	2.0	03/19/21 15:06	
EPA 8260D	Xylene (Total)	35.5	ug/L	2.0	03/19/21 15:06	
EPA 8260D	m&p-Xylene	12.2	ug/L	4.0	03/19/21 15:06	
EPA 8260D	o-Xylene	23.3	ug/L	2.0	03/19/21 15:06	
92527577007	MW-36TZ_WG_20210311					
EPA 8260D	Methyl-tert-butyl ether	1.3	ug/L	1.0	03/19/21 14:13	
EPA 8260D	Xylene (Total)	0.79J	ug/L	1.0	03/19/21 14:13	
EPA 8260D	m&p-Xylene	0.79J	ug/L	2.0	03/19/21 14:13	C8
92527577009	MW-37S_WG_20210312					
EPA 8260D	Methyl-tert-butyl ether	0.59J	ug/L	1.0	03/18/21 15:02	
92527577010	MW-37TZ_WG_20210312					
EPA 8260D	Methyl-tert-butyl ether	2.2	ug/L	1.0	03/18/21 15:21	
92527577012	MW-42S_WG_20210311					
EPA 8260D	Methyl-tert-butyl ether	1.8	ug/L	1.0	03/18/21 15:57	
92527577018	MW-43S_WG_20210311					
EPA 8260D	Methyl-tert-butyl ether	5.0	ug/L	1.0	03/18/21 14:26	
92527577023	MW-13R_WG_20210311					
EPA 6010D	Manganese	314	ug/L	5.0	03/18/21 18:09	
EPA 6010D	Manganese, Dissolved	296	ug/L	5.0	03/17/21 02:09	
EPA 8270E	Benzoic Acid	12.1J	ug/L	50.0	03/17/21 23:44	
EPA 300.0 Rev 2.1 1993	Sulfate	34.0	mg/L	1.0	03/16/21 17:58	
SM 5310B-2011	Total Organic Carbon	0.83J	mg/L	1.0	03/21/21 16:08	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92527577024	MW-15_WG_20210311					
EPA 6010D	Iron	160	ug/L	50.0	03/18/21 18:12	
EPA 6010D	Manganese	3.7J	ug/L	5.0	03/18/21 18:12	
EPA 8260D	cis-1,2-Dichloroethene	0.55J	ug/L	1.0	03/18/21 22:04	
EPA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	03/16/21 18:43	
92527577025	MW-28_WG_20210311					
EPA 6010D	Iron	539	ug/L	50.0	03/18/21 18:15	
EPA 6010D	Manganese	163	ug/L	5.0	03/18/21 18:15	
EPA 6010D	Iron, Dissolved	445	ug/L	50.0	03/17/21 02:16	
EPA 6010D	Manganese, Dissolved	162	ug/L	5.0	03/17/21 02:16	
EPA 8260D	Methyl-tert-butyl ether	1.1	ug/L	1.0	03/18/21 14:44	
EPA 300.0 Rev 2.1 1993	Sulfate	20.2	mg/L	1.0	03/16/21 18:58	
92527577026	MW-43BR_WG_20210311					
EPA 6010D	Iron	836	ug/L	50.0	03/18/21 18:25	
EPA 6010D	Manganese	46.6	ug/L	5.0	03/18/21 18:25	
EPA 6010D	Iron, Dissolved	379	ug/L	50.0	03/17/21 02:19	
EPA 6010D	Manganese, Dissolved	41.7	ug/L	5.0	03/17/21 02:19	
EPA 8260D	Ethylbenzene	0.38J	ug/L	1.0	03/18/21 18:59	
EPA 8260D	Naphthalene	2.3	ug/L	1.0	03/18/21 18:59	
SM 4500-S2D-2011	Sulfide	1.6	mg/L	0.50	03/16/21 03:55	
EPA 300.0 Rev 2.1 1993	Sulfate	12.3	mg/L	1.0	03/16/21 19:13	
SM 5310B-2011	Total Organic Carbon	22.2	mg/L	1.0	03/21/21 17:36	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 6010D

Description: 6010 MET ICP

Client: Duke Energy

Date: March 22, 2021

General Information:

4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607050

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527376006

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3198349)
 - Iron
 - Manganese
- MSD (Lab ID: 3198350)
 - Iron
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 6010D

Description: 6010 MET ICP, Dissolved

Client: Duke Energy

Date: March 22, 2021

General Information:

4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 22, 2021

General Information:

26 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 606974

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3197928)
 - 2-Nitrophenol
- LCS (Lab ID: 3197929)
 - 2-Nitrophenol
- MS (Lab ID: 3197930)
 - 2-Nitrophenol
- MSD (Lab ID: 3197931)
 - 2-Nitrophenol
- MW-7R_WG_20210311 (Lab ID: 92527577001)
 - 2-Nitrophenol

QC Batch: 607096

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3198461)
 - 2-Nitrophenol
- MSD (Lab ID: 3198462)
 - 2-Nitrophenol

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 22, 2021

QC Batch: 607096

S0: Surrogate recovery outside laboratory control limits.

- MS (Lab ID: 3198461)
 - 2-Fluorophenol (S)
 - Phenol-d6 (S)
- MSD (Lab ID: 3198462)
 - 2-Fluorophenol (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606974

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527577001

R1: RPD value was outside control limits.

- MSD (Lab ID: 3197931)
 - 2,4-Dinitrophenol
 - 4,6-Dinitro-2-methylphenol
 - 4-Nitrophenol
 - Pentachlorophenol

QC Batch: 607096

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92523431009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3198461)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 2,4-Dichlorophenol
 - 2,4-Dinitrophenol
 - 2-Chlorophenol
 - 2-Nitrophenol
 - 4-Nitrophenol
 - Benzoic Acid
 - Phenol
- MSD (Lab ID: 3198462)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 2,4-Dinitrophenol
 - 2-Nitrophenol
 - 4-Nitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: March 22, 2021

QC Batch: 607096

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92523431009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3198462)
 - 2,4-Dimethylphenol
 - 2-Methylphenol(o-Cresol)
 - 3&4-Methylphenol(m&p Cresol)
 - 4-Chloro-3-methylphenol
 - Pentachlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Method: EPA 8270E by SIM
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: March 22, 2021

General Information:

26 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 606805

S0: Surrogate recovery outside laboratory control limits.

- MW-43BR_WG_20210311 (Lab ID: 92527577026)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 22, 2021

General Information:

29 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607966

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3202673)
 - Bromoform
- LCS (Lab ID: 3202674)
 - Bromoform
- MW-36S_WG_20210311 (Lab ID: 92527577006)
 - Bromoform
- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
 - Bromoform

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 606959

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3197829)
 - Chloroethane
- FB-02_WG_20210311 (Lab ID: 92527577021)
 - Chloroethane
- FB-03_WG_20210312 (Lab ID: 92527577022)
 - Chloroethane
- FD-01_WG_20210311 (Lab ID: 92527577020)
 - Chloroethane
- MW-28_WG_20210311 (Lab ID: 92527577025)
 - Chloroethane
- MW-35BR_WG_20210312 (Lab ID: 92527577017)
 - Chloroethane
- MW-35S_WG_20210312 (Lab ID: 92527577015)
 - Chloroethane
- MW-35TZ_WG_20210312 (Lab ID: 92527577016)
 - Chloroethane
- MW-36BR_WG_20210311 (Lab ID: 92527577008)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 22, 2021

QC Batch: 606959

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Chloroethane
- MW-37BR_WG_20210312 (Lab ID: 92527577011)
 - Chloroethane
- MW-37S_WG_20210312 (Lab ID: 92527577009)
 - Chloroethane
- MW-37TZ_WG_20210312 (Lab ID: 92527577010)
 - Chloroethane
- MW-42BR_WG_20210311 (Lab ID: 92527577014)
 - Chloroethane
- MW-42S_WG_20210311 (Lab ID: 92527577012)
 - Chloroethane
- MW-42TZ_WG_20210311 (Lab ID: 92527577013)
 - Chloroethane
- MW-43BR_WG_20210311 (Lab ID: 92527577026)
 - Chloroethane
- MW-43S_WG_20210311 (Lab ID: 92527577018)
 - Chloroethane
- MW-43TZ_WG_20210311 (Lab ID: 92527577019)
 - Chloroethane
- MW-7R_WG_20210311 (Lab ID: 92527577001)
 - Chloroethane
- MW-9R_WG_20210311 (Lab ID: 92527577002)
 - Chloroethane
- TB-03_WG_20210311 (Lab ID: 92527577027)
 - Chloroethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3197830)
 - Chloroethane
- MS (Lab ID: 3197843)
 - Chloroethane
- MSD (Lab ID: 3197844)
 - Chloroethane
- MW-7R_WG_20210311 (Lab ID: 92527577001)
 - Chloroethane

QC Batch: 607966

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3202673)
 - Bromomethane
 - Chloromethane
- MW-36S_WG_20210311 (Lab ID: 92527577006)
 - Bromomethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: March 22, 2021

QC Batch: 607966

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Chloromethane
- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
- Bromomethane
- Chloromethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3202674)
- Bromomethane
- Chloromethane
- MS (Lab ID: 3202675)
- Bromomethane
- Chloromethane
- MSD (Lab ID: 3202676)
- Bromomethane
- Chloromethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 607966

C8: Result may be biased high due to carryover from previously analyzed sample.

- MW-36TZ_WG_20210311 (Lab ID: 92527577007)
- m&p-Xylene
- Toluene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: SM 4500-S2D-2011

Description: 4500S2D Sulfide Water

Client: Duke Energy

Date: March 22, 2021

General Information:

4 samples were analyzed for SM 4500-S2D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 606776

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92526603002,92527577024

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3196855)
 - Sulfide
- MSD (Lab ID: 3196856)
 - Sulfide

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: EPA 300.0 Rev 2.1 1993

Description: 300.0 IC Anions 28 Days

Client: Duke Energy

Date: March 22, 2021

General Information:

4 samples were analyzed for EPA 300.0 Rev 2.1 1993 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Method: SM 5310B-2011

Description: 5310B TOC

Client: Duke Energy

Date: March 22, 2021

General Information:

4 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607918

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525986001,92527577025

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3202358)
 - Total Organic Carbon
- MS (Lab ID: 3202360)
 - Total Organic Carbon
- MSD (Lab ID: 3202359)
 - Total Organic Carbon
- MSD (Lab ID: 3202361)
 - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 Lab ID: 92527577001 Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 11:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 11:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 11:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 11:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 11:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 11:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 11:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 11:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 11:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 11:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 11:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 11:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 11:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 11:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 11:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 11:08	534-52-1	R1
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 11:08	51-28-5	R1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 11:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 11:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 11:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 11:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 11:08	78-59-1	
1-Methylnaphthalene	3.4J	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 11:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 11:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 11:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 11:08	100-02-7	R1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 11:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 11:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 11:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 11:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 11:08	87-86-5	R1
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 11:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 11:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 11:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 11:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	03/16/21 19:09	03/17/21 11:08	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	03/16/21 19:09	03/17/21 11:08	321-60-8	
Terphenyl-d14 (S)	149	%	34-163		1	03/16/21 19:09	03/17/21 11:08	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	03/16/21 19:09	03/17/21 11:08	13127-88-3	
2-Fluorophenol (S)	45	%	10-130		1	03/16/21 19:09	03/17/21 11:08	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/16/21 19:09	03/17/21 11:08	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 18:05	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	126	%	67-170		1	03/16/21 11:20	03/17/21 18:05	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	03/16/21 11:20	03/17/21 18:05	321-60-8	
Terphenyl-d14 (S)	98	%	62-169		1	03/16/21 11:20	03/17/21 18:05	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:41	67-64-1	
Benzene	12.4	ug/L	1.0	0.34	1		03/18/21 18:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:41	75-00-3	v2,v3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 Lab ID: 92527577001 Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:41	108-10-1	
Methyl-tert-butyl ether	0.86J	ug/L	1.0	0.42	1		03/18/21 18:41	1634-04-4	
Naphthalene	31.0	ug/L	1.0	0.64	1		03/18/21 18:41	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:41	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:41	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-7R_WG_20210311 **Lab ID: 92527577001** Collected: 03/11/21 14:41 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	1.1	ug/L	1.0	0.34	1		03/18/21 18:41	1330-20-7	
m&p-Xylene	1.1J	ug/L	2.0	0.71	1		03/18/21 18:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 18:41	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 18:41	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/18/21 18:41	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:01	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:01	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:01	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:01	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:01	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:01	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/16/21 19:09	03/17/21 14:01	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/16/21 19:09	03/17/21 14:01	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/16/21 19:09	03/17/21 14:01	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 14:01	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/16/21 19:09	03/17/21 14:01	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/16/21 19:09	03/17/21 14:01	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:10	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/16/21 11:20	03/17/21 19:10	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-163		1	03/16/21 11:20	03/17/21 19:10	321-60-8	
Terphenyl-d14 (S)	97	%	62-169		1	03/16/21 11:20	03/17/21 19:10	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:46	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 Lab ID: 92527577002 Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:46	108-10-1	
Methyl-tert-butyl ether	1.4	ug/L	1.0	0.42	1		03/18/21 17:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:46	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-9R_WG_20210311 **Lab ID: 92527577002** Collected: 03/11/21 15:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 17:46	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:46	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 17:46	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:26	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/16/21 19:09	03/17/21 14:26	4165-60-0	
2-Fluorobiphenyl (S)	97	%	10-130		1	03/16/21 19:09	03/17/21 14:26	321-60-8	
Terphenyl-d14 (S)	147	%	34-163		1	03/16/21 19:09	03/17/21 14:26	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	03/16/21 19:09	03/17/21 14:26	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 14:26	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	03/16/21 19:09	03/17/21 14:26	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:31	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	03/16/21 11:20	03/17/21 19:31	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	03/16/21 11:20	03/17/21 19:31	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/16/21 11:20	03/17/21 19:31	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:22	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-16_WG_20210311 Lab ID: 92527577003 Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:22	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-16_WG_20210311 **Lab ID: 92527577003** Collected: 03/11/21 12:55 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 22:22	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/18/21 22:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/18/21 22:22	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 14:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 14:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 14:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 14:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 14:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 14:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 14:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 14:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 14:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 14:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 14:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 14:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 14:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 14:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 14:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 14:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 14:52	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 14:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-26_WG_20210311 Lab ID: 92527577004 Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 14:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 14:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 14:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 14:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 14:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 14:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 14:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 14:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 14:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 14:52	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 14:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 14:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-144		1	03/16/21 19:09	03/17/21 14:52	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 14:52	321-60-8	
Terphenyl-d14 (S)	102	%	34-163		1	03/16/21 19:09	03/17/21 14:52	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 14:52	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 14:52	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-144		1	03/16/21 19:09	03/17/21 14:52	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 19:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	132	%	67-170		1	03/16/21 11:20	03/17/21 19:53	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:20	03/17/21 19:53	321-60-8	
Terphenyl-d14 (S)	86	%	62-169		1	03/16/21 11:20	03/17/21 19:53	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:40	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:40	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:40	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID:** 92527577004 Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:40	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:40	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:40	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-26_WG_20210311 **Lab ID: 92527577004** Collected: 03/11/21 09:39 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 22:40	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 22:40	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: **MW-27_WG_20210311** Lab ID: **92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 15:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 15:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 15:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 15:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 15:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 15:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 15:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 15:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 15:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 15:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 15:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 15:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 15:17	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 15:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 15:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 15:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 15:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:17	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	10-144		1	03/16/21 19:09	03/17/21 15:17	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 15:17	321-60-8	
Terphenyl-d14 (S)	96	%	34-163		1	03/16/21 19:09	03/17/21 15:17	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 15:17	13127-88-3	
2-Fluorophenol (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 15:17	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	03/16/21 19:09	03/17/21 15:17	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:15	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	67-170		1	03/16/21 11:20	03/17/21 20:15	4165-60-0	
2-Fluorobiphenyl (S)	115	%	61-163		1	03/16/21 11:20	03/17/21 20:15	321-60-8	
Terphenyl-d14 (S)	97	%	62-169		1	03/16/21 11:20	03/17/21 20:15	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:58	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:58	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:58	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-27_WG_20210311 Lab ID: 92527577005 Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:58	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:58	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:58	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:58	108-10-1	
Methyl-tert-butyl ether	0.63J	ug/L	1.0	0.42	1		03/18/21 22:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:58	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:58	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:58	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-27_WG_20210311 **Lab ID: 92527577005** Collected: 03/11/21 10:09 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 22:58	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:58	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 22:58	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Sample Project No.: 92527577

Sample: MW-36S_WG_20210311 Lab ID: 92527577006 Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	4.7J	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 15:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 15:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 15:42	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 15:42	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 15:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 15:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 15:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 15:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 15:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 15:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:42	53-70-3	
Dibenzofuran	2.4J	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 15:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 15:42	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 15:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 15:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 15:42	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 15:42	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 15:42	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 15:42	78-59-1	
1-Methylnaphthalene	5.8J	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 15:42	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 15:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 15:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 15:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 15:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 15:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 15:42	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 15:42	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 15:42	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 15:42	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 15:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 15:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	03/16/21 19:09	03/17/21 15:42	4165-60-0	
2-Fluorobiphenyl (S)	91	%	10-130		1	03/16/21 19:09	03/17/21 15:42	321-60-8	
Terphenyl-d14 (S)	124	%	34-163		1	03/16/21 19:09	03/17/21 15:42	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/16/21 19:09	03/17/21 15:42	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/16/21 19:09	03/17/21 15:42	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	03/16/21 19:09	03/17/21 15:42	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:36	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/16/21 11:20	03/17/21 20:36	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:20	03/17/21 20:36	321-60-8	
Terphenyl-d14 (S)	95	%	62-169		1	03/16/21 11:20	03/17/21 20:36	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	50.0	10.2	2		03/19/21 15:06	67-64-1	
Benzene	8.5	ug/L	2.0	0.69	2		03/19/21 15:06	71-43-2	
Bromobenzene	ND	ug/L	2.0	0.58	2		03/19/21 15:06	108-86-1	
Bromochloromethane	ND	ug/L	2.0	0.94	2		03/19/21 15:06	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	0.61	2		03/19/21 15:06	75-27-4	
Bromoform	ND	ug/L	2.0	0.68	2		03/19/21 15:06	75-25-2	IK
Bromomethane	ND	ug/L	4.0	3.3	2		03/19/21 15:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	10.0	7.9	2		03/19/21 15:06	78-93-3	
Carbon tetrachloride	ND	ug/L	2.0	0.67	2		03/19/21 15:06	56-23-5	
Chlorobenzene	ND	ug/L	2.0	0.57	2		03/19/21 15:06	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		03/19/21 15:06	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 Lab ID: 92527577006 Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	10.0	3.1	2	03/19/21 15:06	67-66-3		
Chloromethane	ND	ug/L	2.0	1.1	2	03/19/21 15:06	74-87-3	v2	
2-Chlorotoluene	ND	ug/L	2.0	0.64	2	03/19/21 15:06	95-49-8		
4-Chlorotoluene	ND	ug/L	2.0	0.65	2	03/19/21 15:06	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	0.68	2	03/19/21 15:06	96-12-8		
Dibromochloromethane	ND	ug/L	2.0	0.72	2	03/19/21 15:06	124-48-1		
Dibromomethane	ND	ug/L	2.0	0.79	2	03/19/21 15:06	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	2.0	0.68	2	03/19/21 15:06	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	2.0	0.68	2	03/19/21 15:06	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	2.0	0.67	2	03/19/21 15:06	106-46-7		
Dichlorodifluoromethane	ND	ug/L	2.0	0.69	2	03/19/21 15:06	75-71-8		
1,1-Dichloroethane	ND	ug/L	2.0	0.73	2	03/19/21 15:06	75-34-3		
1,2-Dichloroethane	ND	ug/L	2.0	0.64	2	03/19/21 15:06	107-06-2		
1,1-Dichloroethene	ND	ug/L	2.0	0.70	2	03/19/21 15:06	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	2.0	0.77	2	03/19/21 15:06	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	2.0	0.79	2	03/19/21 15:06	156-60-5		
1,2-Dichloropropane	ND	ug/L	2.0	0.71	2	03/19/21 15:06	78-87-5		
1,3-Dichloropropane	ND	ug/L	2.0	0.57	2	03/19/21 15:06	142-28-9		
2,2-Dichloropropane	ND	ug/L	2.0	0.78	2	03/19/21 15:06	594-20-7		
1,1-Dichloropropene	ND	ug/L	2.0	0.85	2	03/19/21 15:06	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2	03/19/21 15:06	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	2.0	0.73	2	03/19/21 15:06	10061-02-6		
Diisopropyl ether	ND	ug/L	2.0	0.62	2	03/19/21 15:06	108-20-3		
Ethylbenzene	40.5	ug/L	2.0	0.61	2	03/19/21 15:06	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2	03/19/21 15:06	87-68-3		
2-Hexanone	ND	ug/L	10.0	0.95	2	03/19/21 15:06	591-78-6		
p-Isopropyltoluene	ND	ug/L	2.0	0.83	2	03/19/21 15:06	99-87-6		
Methylene Chloride	ND	ug/L	10.0	3.9	2	03/19/21 15:06	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	5.4	2	03/19/21 15:06	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	2.0	0.84	2	03/19/21 15:06	1634-04-4		
Naphthalene	198	ug/L	2.0	1.3	2	03/19/21 15:06	91-20-3		
Styrene	1.0J	ug/L	2.0	0.58	2	03/19/21 15:06	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	0.62	2	03/19/21 15:06	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.45	2	03/19/21 15:06	79-34-5		
Tetrachloroethene	ND	ug/L	2.0	0.58	2	03/19/21 15:06	127-18-4		
Toluene	11.4	ug/L	2.0	0.97	2	03/19/21 15:06	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1.6	2	03/19/21 15:06	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1.3	2	03/19/21 15:06	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	2.0	0.66	2	03/19/21 15:06	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	2.0	0.65	2	03/19/21 15:06	79-00-5		
Trichloroethene	ND	ug/L	2.0	0.77	2	03/19/21 15:06	79-01-6		
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2	03/19/21 15:06	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	2.0	0.52	2	03/19/21 15:06	96-18-4		
Vinyl acetate	ND	ug/L	4.0	2.6	2	03/19/21 15:06	108-05-4		
Vinyl chloride	ND	ug/L	2.0	0.77	2	03/19/21 15:06	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36S_WG_20210311 **Lab ID: 92527577006** Collected: 03/11/21 13:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	35.5	ug/L	2.0	0.68	2		03/19/21 15:06	1330-20-7	
m&p-Xylene	12.2	ug/L	4.0	1.4	2		03/19/21 15:06	179601-23-1	
o-Xylene	23.3	ug/L	2.0	0.68	2		03/19/21 15:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		2		03/19/21 15:06	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		2		03/19/21 15:06	17060-07-0	
Toluene-d8 (S)	101	%	70-130		2		03/19/21 15:06	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 Lab ID: 92527577007 Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	93	%	10-144		1	03/16/21 19:09	03/17/21 16:08	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/16/21 19:09	03/17/21 16:08	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/16/21 19:09	03/17/21 16:08	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/16/21 19:09	03/17/21 16:08	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/16/21 19:09	03/17/21 16:08	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	03/16/21 19:09	03/17/21 16:08	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 20:58	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	109	%	67-170		1	03/16/21 11:20	03/17/21 20:58	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/16/21 11:20	03/17/21 20:58	321-60-8	
Terphenyl-d14 (S)	114	%	62-169		1	03/16/21 11:20	03/17/21 20:58	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/19/21 14:13	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/19/21 14:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/19/21 14:13	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/19/21 14:13	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/19/21 14:13	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/19/21 14:13	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/19/21 14:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/19/21 14:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/19/21 14:13	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 Lab ID: 92527577007 Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		03/19/21 14:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/19/21 14:13	74-87-3	v2
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 14:13	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/19/21 14:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/19/21 14:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/19/21 14:13	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/19/21 14:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/19/21 14:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/19/21 14:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/19/21 14:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 14:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/19/21 14:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 14:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/19/21 14:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/19/21 14:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/19/21 14:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/19/21 14:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/19/21 14:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 14:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/19/21 14:13	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/19/21 14:13	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/19/21 14:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/19/21 14:13	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/19/21 14:13	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/19/21 14:13	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/19/21 14:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/19/21 14:13	108-10-1	
Methyl-tert-butyl ether	1.3	ug/L	1.0	0.42	1		03/19/21 14:13	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/19/21 14:13	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/19/21 14:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/19/21 14:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/19/21 14:13	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/19/21 14:13	108-88-3	C8
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/19/21 14:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/19/21 14:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/19/21 14:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/19/21 14:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/19/21 14:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/19/21 14:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/19/21 14:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/19/21 14:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/19/21 14:13	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36TZ_WG_20210311 **Lab ID: 92527577007** Collected: 03/11/21 12:43 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	0.79J	ug/L	1.0	0.34	1		03/19/21 14:13	1330-20-7	
m&p-Xylene	0.79J	ug/L	2.0	0.71	1		03/19/21 14:13	179601-23-1	C8
o-Xylene	ND	ug/L	1.0	0.34	1		03/19/21 14:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/19/21 14:13	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/19/21 14:13	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/19/21 14:13	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 Lab ID: 92527577008 Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:33	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:33	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:33	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:33	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:33	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:33	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:33	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:33	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:33	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:33	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:33	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:33	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:33	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:33	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:33	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:33	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:33	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:33	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:33	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:33	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	10-144		1	03/16/21 19:09	03/17/21 16:33	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/16/21 19:09	03/17/21 16:33	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	03/16/21 19:09	03/17/21 16:33	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/16/21 19:09	03/17/21 16:33	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	03/16/21 19:09	03/17/21 16:33	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/16/21 19:09	03/17/21 16:33	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 21:20	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/16/21 11:20	03/17/21 21:20	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-163		1	03/16/21 11:20	03/17/21 21:20	321-60-8	
Terphenyl-d14 (S)	107	%	62-169		1	03/16/21 11:20	03/17/21 21:20	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 19:17	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 19:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 19:17	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 19:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 19:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 19:17	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 19:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 19:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 19:17	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 Lab ID: 92527577008 Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 19:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 19:17	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 19:17	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 19:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 19:17	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 19:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 19:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 19:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 19:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 19:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 19:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 19:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 19:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 19:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 19:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 19:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 19:17	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 19:17	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 19:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 19:17	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 19:17	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 19:17	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 19:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 19:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 19:17	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 19:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 19:17	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 19:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 19:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 19:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 19:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 19:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 19:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 19:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 19:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 19:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 19:17	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-36BR_WG_20210311 **Lab ID: 92527577008** Collected: 03/11/21 11:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 19:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 19:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 19:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 19:17	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/18/21 19:17	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 19:17	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 Lab ID: 92527577009 Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 16:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:58	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 16:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 16:58	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 16:58	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 16:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 16:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 16:58	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 16:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 16:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 16:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:58	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 16:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 16:58	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 16:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 16:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 16:58	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 16:58	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 16:58	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 16:58	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 16:58	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:58	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 16:58	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 16:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 16:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 16:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 16:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 16:58	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 16:58	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 16:58	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 16:58	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 16:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 16:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-144		1	03/16/21 19:09	03/17/21 16:58	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/16/21 19:09	03/17/21 16:58	321-60-8	
Terphenyl-d14 (S)	115	%	34-163		1	03/16/21 19:09	03/17/21 16:58	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 16:58	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		1	03/16/21 19:09	03/17/21 16:58	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	03/16/21 19:09	03/17/21 16:58	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 21:41	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	67-170		1	03/16/21 11:20	03/17/21 21:41	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	03/16/21 11:20	03/17/21 21:41	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/17/21 21:41	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:02	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:02	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:02	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:02	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:02	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:02	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:02	108-10-1	
Methyl-tert-butyl ether	0.59J	ug/L	1.0	0.42	1		03/18/21 15:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:02	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:02	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:02	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37S_WG_20210312 **Lab ID: 92527577009** Collected: 03/12/21 09:31 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:02	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:02	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 15:02	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 Lab ID: 92527577010 Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 17:24	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:24	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 17:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:24	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 17:24	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 17:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 17:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 17:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 17:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 17:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 17:24	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 17:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 17:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 17:24	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:24	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 17:24	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:24	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 17:24	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 17:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 17:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 17:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:24	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:24	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:24	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:24	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:24	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:24	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	85	%	10-144		1	03/16/21 19:09	03/17/21 17:24	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/16/21 19:09	03/17/21 17:24	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	03/16/21 19:09	03/17/21 17:24	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 17:24	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 17:24	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-144		1	03/16/21 19:09	03/17/21 17:24	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	102	%	67-170		1	03/16/21 11:20	03/17/21 22:03	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:20	03/17/21 22:03	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/16/21 11:20	03/17/21 22:03	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:21	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:21	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:21	108-10-1	
Methyl-tert-butyl ether	2.2	ug/L	1.0	0.42	1		03/18/21 15:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37TZ_WG_20210312 **Lab ID: 92527577010** Collected: 03/12/21 10:35 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:21	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:21	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:21	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 Lab ID: 92527577011 Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 17:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:49	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 17:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 17:49	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 17:49	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 17:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:49	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 17:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 17:49	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 17:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 17:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 17:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:49	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 17:49	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 17:49	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 17:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 17:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 17:49	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 17:49	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 17:49	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 17:49	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 Lab ID: 92527577011 Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 17:49	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:49	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 17:49	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 17:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 17:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 17:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 17:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 17:49	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 17:49	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 17:49	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 17:49	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 17:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 17:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	03/16/21 19:09	03/17/21 17:49	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/16/21 19:09	03/17/21 17:49	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	03/16/21 19:09	03/17/21 17:49	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/16/21 19:09	03/17/21 17:49	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 17:49	367-12-4	
2,4,6-Tribromophenol (S)	111	%	10-144		1	03/16/21 19:09	03/17/21 17:49	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:24	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	125	%	67-170		1	03/16/21 11:20	03/17/21 22:24	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/16/21 11:20	03/17/21 22:24	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/17/21 22:24	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:39	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:39	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:39	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:39	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 15:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:39	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:39	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:39	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-37BR_WG_20210312 **Lab ID: 92527577011** Collected: 03/12/21 09:57 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 15:39	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:39	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:39	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 18:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 18:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 18:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 18:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 18:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 18:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 18:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 18:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 18:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 18:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 18:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 18:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 18:14	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 18:14	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 18:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 18:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 18:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:14	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:14	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-144		1	03/16/21 19:09	03/17/21 18:14	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/16/21 19:09	03/17/21 18:14	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/16/21 19:09	03/17/21 18:14	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 18:14	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 18:14	367-12-4	
2,4,6-Tribromophenol (S)	96	%	10-144		1	03/16/21 19:09	03/17/21 18:14	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/17/21 22:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	67-170		1	03/16/21 11:20	03/17/21 22:46	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-163		1	03/16/21 11:20	03/17/21 22:46	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/17/21 22:46	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:57	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:57	108-10-1	
Methyl-tert-butyl ether	1.8	ug/L	1.0	0.42	1		03/18/21 15:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:57	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42S_WG_20210311 **Lab ID: 92527577012** Collected: 03/11/21 14:02 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 15:57	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 15:57	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 15:57	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 Lab ID: 92527577013 Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 18:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 18:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 18:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 18:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 18:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 18:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 18:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 18:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 18:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 18:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 18:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 18:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 18:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 18:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 18:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 18:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 18:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 18:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 18:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 18:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 18:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 18:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 18:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 18:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 18:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 18:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 18:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 18:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 18:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 18:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	103	%	10-144		1	03/16/21 19:09	03/17/21 18:39	4165-60-0	
2-Fluorobiphenyl (S)	94	%	10-130		1	03/16/21 19:09	03/17/21 18:39	321-60-8	
Terphenyl-d14 (S)	143	%	34-163		1	03/16/21 19:09	03/17/21 18:39	1718-51-0	
Phenol-d6 (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 18:39	13127-88-3	
2-Fluorophenol (S)	75	%	10-130		1	03/16/21 19:09	03/17/21 18:39	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-144		1	03/16/21 19:09	03/17/21 18:39	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:07	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	67-170		1	03/16/21 11:20	03/18/21 09:07	4165-60-0	
2-Fluorobiphenyl (S)	108	%	61-163		1	03/16/21 11:20	03/18/21 09:07	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	03/16/21 11:20	03/18/21 09:07	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:15	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:15	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:15	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 Lab ID: 92527577013 Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:15	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:15	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:15	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:15	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:15	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42TZ_WG_20210311 **Lab ID: 92527577013** Collected: 03/11/21 14:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 16:15	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 16:15	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 16:15	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:05	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:05	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:05	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:05	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:05	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:05	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:05	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:05	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:05	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:05	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:05	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 Lab ID: 92527577014 Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:05	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:05	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:05	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:05	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:05	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:05	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:05	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:05	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	10-144		1	03/16/21 19:09	03/17/21 19:05	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-130		1	03/16/21 19:09	03/17/21 19:05	321-60-8	
Terphenyl-d14 (S)	103	%	34-163		1	03/16/21 19:09	03/17/21 19:05	1718-51-0	
Phenol-d6 (S)	38	%	10-130		1	03/16/21 19:09	03/17/21 19:05	13127-88-3	
2-Fluorophenol (S)	49	%	10-130		1	03/16/21 19:09	03/17/21 19:05	367-12-4	
2,4,6-Tribromophenol (S)	83	%	10-144		1	03/16/21 19:09	03/17/21 19:05	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	104	%	67-170		1	03/16/21 11:20	03/18/21 09:29	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 09:29	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	03/16/21 11:20	03/18/21 09:29	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:33	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:33	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 Lab ID: 92527577014 Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:33	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:33	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:33	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:33	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-42BR_WG_20210311 **Lab ID: 92527577014** Collected: 03/11/21 15:04 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 16:33	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 16:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 16:33	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID:** 92527577015 Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:30	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:30	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:30	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:30	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-144		1	03/16/21 19:09	03/17/21 19:30	4165-60-0	
2-Fluorobiphenyl (S)	88	%	10-130		1	03/16/21 19:09	03/17/21 19:30	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	03/16/21 19:09	03/17/21 19:30	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/16/21 19:09	03/17/21 19:30	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/16/21 19:09	03/17/21 19:30	367-12-4	
2,4,6-Tribromophenol (S)	91	%	10-144		1	03/16/21 19:09	03/17/21 19:30	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 09:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	67-170		1	03/16/21 11:20	03/18/21 09:50	4165-60-0	
2-Fluorobiphenyl (S)	110	%	61-163		1	03/16/21 11:20	03/18/21 09:50	321-60-8	
Terphenyl-d14 (S)	98	%	62-169		1	03/16/21 11:20	03/18/21 09:50	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 16:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 16:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 16:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 16:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 16:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 16:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 16:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 16:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 16:51	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Sample Project No.: 92527577

Sample: MW-35S_WG_20210312 Lab ID: 92527577015 Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 16:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 16:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 16:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 16:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 16:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 16:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 16:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 16:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 16:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 16:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 16:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 16:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 16:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 16:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 16:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 16:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 16:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 16:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 16:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 16:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 16:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 16:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 16:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 16:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 16:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 16:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 16:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 16:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 16:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 16:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 16:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 16:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 16:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 16:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 16:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 16:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 16:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 16:51	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35S_WG_20210312 **Lab ID: 92527577015** Collected: 03/12/21 09:34 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 16:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 16:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 16:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 16:51	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 16:51	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 16:51	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 Lab ID: 92527577016 Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<p>8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte</p>									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 19:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 19:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 19:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 19:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 19:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 19:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 19:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 19:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 19:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 19:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 19:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 19:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 19:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 19:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 19:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 19:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 19:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 19:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 Lab ID: 92527577016 Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 19:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 19:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 19:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 19:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 19:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 19:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 19:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 19:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 19:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 19:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 19:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 19:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	10-144		1	03/16/21 19:09	03/17/21 19:55	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	03/16/21 19:09	03/17/21 19:55	321-60-8	
Terphenyl-d14 (S)	119	%	34-163		1	03/16/21 19:09	03/17/21 19:55	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	03/16/21 19:09	03/17/21 19:55	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/16/21 19:09	03/17/21 19:55	367-12-4	
2,4,6-Tribromophenol (S)	64	%	10-144		1	03/16/21 19:09	03/17/21 19:55	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:12	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	106	%	67-170		1	03/16/21 11:20	03/18/21 10:12	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/16/21 11:20	03/18/21 10:12	321-60-8	
Terphenyl-d14 (S)	104	%	62-169		1	03/16/21 11:20	03/18/21 10:12	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:09	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 Lab ID: 92527577016 Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 17:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:09	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35TZ_WG_20210312 **Lab ID: 92527577016** Collected: 03/12/21 09:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 17:09	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 17:09	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 Lab ID: 92527577017 Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 20:21	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:21	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 20:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:21	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 20:21	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 20:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 20:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 20:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 20:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:21	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 20:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 20:21	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 20:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 20:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 20:21	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:21	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 20:21	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:21	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 **Lab ID: 92527577017** Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 20:21	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 20:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 20:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 20:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:21	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:21	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:21	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:21	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:21	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:21	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	10-144		1	03/16/21 19:09	03/17/21 20:21	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-130		1	03/16/21 19:09	03/17/21 20:21	321-60-8	
Terphenyl-d14 (S)	104	%	34-163		1	03/16/21 19:09	03/17/21 20:21	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	03/16/21 19:09	03/17/21 20:21	13127-88-3	
2-Fluorophenol (S)	50	%	10-130		1	03/16/21 19:09	03/17/21 20:21	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	03/16/21 19:09	03/17/21 20:21	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:34	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	67-170		1	03/16/21 11:20	03/18/21 10:34	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 10:34	321-60-8	
Terphenyl-d14 (S)	85	%	62-169		1	03/16/21 11:20	03/18/21 10:34	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 17:28	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 17:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 17:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 17:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 17:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 17:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 17:28	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 Lab ID: 92527577017 Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 17:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 17:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 17:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 17:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 17:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 17:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 17:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 17:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 17:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 17:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 17:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 17:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 17:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 17:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 17:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 17:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 17:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 17:28	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 17:28	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 17:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 17:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 17:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 17:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 17:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 17:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 17:28	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-35BR_WG_20210312 Lab ID: 92527577017 Collected: 03/12/21 10:10 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 17:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 17:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 17:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 17:28	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 17:28	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 17:28	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 Lab ID: 92527577018 Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 20:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 20:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 20:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 20:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 20:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 20:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 20:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 20:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 20:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 20:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 20:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 20:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 20:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 20:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 20:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 20:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 20:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 20:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 20:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 20:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 20:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 20:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 20:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 20:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 20:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 20:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 20:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 20:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 20:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 20:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	85	%	10-144		1	03/16/21 19:09	03/17/21 20:46	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/16/21 19:09	03/17/21 20:46	321-60-8	
Terphenyl-d14 (S)	142	%	34-163		1	03/16/21 19:09	03/17/21 20:46	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/16/21 19:09	03/17/21 20:46	13127-88-3	
2-Fluorophenol (S)	37	%	10-130		1	03/16/21 19:09	03/17/21 20:46	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	03/16/21 19:09	03/17/21 20:46	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 10:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	100	%	67-170		1	03/16/21 11:20	03/18/21 10:55	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:20	03/18/21 10:55	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/18/21 10:55	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:26	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 Lab ID: 92527577018 Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:26	108-10-1	
Methyl-tert-butyl ether	5.0	ug/L	1.0	0.42	1		03/18/21 14:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:26	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43S_WG_20210311 **Lab ID: 92527577018** Collected: 03/11/21 11:30 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 14:26	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:26	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 14:26	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 Lab ID: 92527577019 Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 21:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:12	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 21:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:12	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 21:12	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 21:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 21:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 21:12	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 21:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:12	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 21:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 21:12	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 21:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 21:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 21:12	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:12	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 21:12	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:12	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 Lab ID: 92527577019 Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 21:12	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:12	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 21:12	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 21:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 21:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:12	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:12	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:12	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:12	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	03/16/21 19:09	03/17/21 21:12	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130		1	03/16/21 19:09	03/17/21 21:12	321-60-8	
Terphenyl-d14 (S)	116	%	34-163		1	03/16/21 19:09	03/17/21 21:12	1718-51-0	
Phenol-d6 (S)	48	%	10-130		1	03/16/21 19:09	03/17/21 21:12	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	03/16/21 19:09	03/17/21 21:12	367-12-4	
2,4,6-Tribromophenol (S)	92	%	10-144		1	03/16/21 19:09	03/17/21 21:12	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 11:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	116	%	67-170		1	03/16/21 11:20	03/18/21 11:17	4165-60-0	
2-Fluorobiphenyl (S)	112	%	61-163		1	03/16/21 11:20	03/18/21 11:17	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/16/21 11:20	03/18/21 11:17	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:04	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 Lab ID: 92527577019 Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 18:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:04	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43TZ_WG_20210311 **Lab ID: 92527577019** Collected: 03/11/21 10:37 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 18:04	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/18/21 18:04	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 18:04	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Sample Project No.: 92527577

Sample: **FD-01_WG_20210311** Lab ID: **92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/16/21 19:09	03/17/21 21:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/16/21 19:09	03/17/21 21:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/16/21 19:09	03/17/21 21:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/16/21 19:09	03/17/21 21:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/16/21 19:09	03/17/21 21:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/16/21 19:09	03/17/21 21:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/16/21 19:09	03/17/21 21:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/16/21 19:09	03/17/21 21:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/16/21 19:09	03/17/21 21:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/16/21 19:09	03/17/21 21:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/16/21 19:09	03/17/21 21:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/16/21 19:09	03/17/21 21:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/16/21 19:09	03/17/21 21:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/16/21 19:09	03/17/21 21:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/16/21 19:09	03/17/21 21:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/16/21 19:09	03/17/21 21:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/16/21 19:09	03/17/21 21:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/16/21 19:09	03/17/21 21:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID: 92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/16/21 19:09	03/17/21 21:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/16/21 19:09	03/17/21 21:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/16/21 19:09	03/17/21 21:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/16/21 19:09	03/17/21 21:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/16/21 19:09	03/17/21 21:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/16/21 19:09	03/17/21 21:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/16/21 19:09	03/17/21 21:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/16/21 19:09	03/17/21 21:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/16/21 19:09	03/17/21 21:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/16/21 19:09	03/17/21 21:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/16/21 19:09	03/17/21 21:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/16/21 19:09	03/17/21 21:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/16/21 19:09	03/17/21 21:37	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	03/16/21 19:09	03/17/21 21:37	321-60-8	
Terphenyl-d14 (S)	135	%	34-163		1	03/16/21 19:09	03/17/21 21:37	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	03/16/21 19:09	03/17/21 21:37	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	03/16/21 19:09	03/17/21 21:37	367-12-4	
2,4,6-Tribromophenol (S)	98	%	10-144		1	03/16/21 19:09	03/17/21 21:37	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:20	03/18/21 11:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	67-170		1	03/16/21 11:20	03/18/21 11:38	4165-60-0	
2-Fluorobiphenyl (S)	104	%	61-163		1	03/16/21 11:20	03/18/21 11:38	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/16/21 11:20	03/18/21 11:38	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:22	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:22	75-00-3	v2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: **FD-01_WG_20210311** Lab ID: **92527577020** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 18:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 18:22	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:22	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:22	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: FD-01_WG_20210311 **Lab ID:** 92527577020 Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/18/21 18:22	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/18/21 18:22	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/18/21 18:22	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 22:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 22:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 22:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 22:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 22:53	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 22:53	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 22:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 22:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 22:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 22:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 22:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 22:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 22:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 22:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 22:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 22:53	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 22:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 22:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 22:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 22:53	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 22:53	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 22:53	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: **FB-02_WG_20210311** Lab ID: **92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 22:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 22:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 22:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 22:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 22:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 22:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 22:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 22:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 22:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 22:53	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 22:53	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 22:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 22:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	10-144		1	03/17/21 11:33	03/17/21 22:53	4165-60-0	
2-Fluorobiphenyl (S)	69	%	10-130		1	03/17/21 11:33	03/17/21 22:53	321-60-8	
Terphenyl-d14 (S)	123	%	34-163		1	03/17/21 11:33	03/17/21 22:53	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	03/17/21 11:33	03/17/21 22:53	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	03/17/21 11:33	03/17/21 22:53	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-144		1	03/17/21 11:33	03/17/21 22:53	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 14:29	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	126	%	67-170		1	03/16/21 11:19	03/17/21 14:29	4165-60-0	
2-Fluorobiphenyl (S)	110	%	61-163		1	03/16/21 11:19	03/17/21 14:29	321-60-8	
Terphenyl-d14 (S)	105	%	62-169		1	03/16/21 11:19	03/17/21 14:29	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 13:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 13:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 13:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 13:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 13:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 13:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 13:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 13:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 13:49	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: **FB-02_WG_20210311** Lab ID: **92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 13:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 13:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 13:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 13:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 13:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 13:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 13:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 13:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 13:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 13:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 13:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 13:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 13:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 13:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 13:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 13:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 13:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 13:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 13:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 13:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 13:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 13:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 13:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 13:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 13:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 13:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 13:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 13:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 13:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 13:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 13:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 13:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 13:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 13:49	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: FB-02_WG_20210311 **Lab ID: 92527577021** Collected: 03/11/21 15:50 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 13:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 13:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 13:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/18/21 13:49	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		03/18/21 13:49	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 13:49	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 23:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 23:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 23:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 23:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 23:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 23:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 23:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 23:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 23:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 23:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 23:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 23:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 23:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: **FB-03_WG_20210312** Lab ID: **92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 23:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 23:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 23:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 23:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-144		1	03/17/21 11:33	03/17/21 23:19	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	03/17/21 11:33	03/17/21 23:19	321-60-8	
Terphenyl-d14 (S)	100	%	34-163		1	03/17/21 11:33	03/17/21 23:19	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	03/17/21 11:33	03/17/21 23:19	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	03/17/21 11:33	03/17/21 23:19	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-144		1	03/17/21 11:33	03/17/21 23:19	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 14:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	131	%	67-170		1	03/16/21 11:19	03/17/21 14:50	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/16/21 11:19	03/17/21 14:50	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/16/21 11:19	03/17/21 14:50	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:08	75-00-3	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Sample Project No.: 92527577

Sample: FB-03_WG_20210312 Lab ID: 92527577022 Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 14:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:08	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: FB-03_WG_20210312 **Lab ID: 92527577022** Collected: 03/11/21 10:40 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/18/21 14:08	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:08	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 14:08	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 Lab ID: 92527577023 Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	ND	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:09	7439-89-6	
Manganese	314	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:09	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:09	7439-89-6	
Manganese, Dissolved	296	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:09	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/17/21 23:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/17/21 23:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/17/21 23:44	207-08-9	
Benzoic Acid	12.1J	ug/L	50.0	3.4	1	03/17/21 11:33	03/17/21 23:44	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/17/21 23:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/17/21 23:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/17/21 23:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/17/21 23:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/17/21 23:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/17/21 23:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/17/21 23:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/17/21 23:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/17/21 23:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/17/21 23:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/17/21 23:44	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 Lab ID: 92527577023 Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/17/21 23:44	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/17/21 23:44	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/17/21 23:44	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/17/21 23:44	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/17/21 23:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/17/21 23:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/17/21 23:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/17/21 23:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/17/21 23:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/17/21 23:44	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/17/21 23:44	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/17/21 23:44	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/17/21 23:44	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/17/21 23:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/17/21 23:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	10-144		1	03/17/21 11:33	03/17/21 23:44	4165-60-0	
2-Fluorobiphenyl (S)	45	%	10-130		1	03/17/21 11:33	03/17/21 23:44	321-60-8	
Terphenyl-d14 (S)	108	%	34-163		1	03/17/21 11:33	03/17/21 23:44	1718-51-0	
Phenol-d6 (S)	25	%	10-130		1	03/17/21 11:33	03/17/21 23:44	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	03/17/21 11:33	03/17/21 23:44	367-12-4	
2,4,6-Tribromophenol (S)	63	%	10-144		1	03/17/21 11:33	03/17/21 23:44	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 15:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	142	%	67-170		1	03/16/21 11:19	03/17/21 15:55	4165-60-0	
2-Fluorobiphenyl (S)	115	%	61-163		1	03/16/21 11:19	03/17/21 15:55	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/16/21 11:19	03/17/21 15:55	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 21:46	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Sample Project No.: 92527577

Sample: MW-13R_WG_20210311 Lab ID: 92527577023 Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 21:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 21:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 21:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 21:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 21:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 21:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 21:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 21:46	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 21:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 21:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 21:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 21:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 21:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 21:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 21:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 21:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 21:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 21:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 21:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 21:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 21:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 21:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 21:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 21:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 21:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 21:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 21:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 21:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 21:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 21:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 21:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 21:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 21:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 21:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 21:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 21:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 21:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 21:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 21:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 21:46	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-13R_WG_20210311 **Lab ID: 92527577023** Collected: 03/11/21 10:33 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 21:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 21:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 21:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 21:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 21:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 21:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 21:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 21:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 21:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 21:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 21:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 21:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 21:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 21:46	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 21:46	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 21:46	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:53	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	34.0	mg/L	1.0	0.50	1		03/16/21 17:58	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	0.83J	mg/L	1.0	0.50	1		03/21/21 16:08	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	160	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:12	7439-89-6	
Manganese	3.7J	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:12	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	ND	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:13	7439-89-6	
Manganese, Dissolved	ND	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:13	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 00:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 00:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 00:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 00:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 00:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 00:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 00:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 00:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 00:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 00:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 00:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 00:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:10	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 00:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:10	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 00:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 00:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 00:10	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 00:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:10	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:10	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	73	%	10-144		1	03/17/21 11:33	03/18/21 00:10	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/17/21 11:33	03/18/21 00:10	321-60-8	
Terphenyl-d14 (S)	117	%	34-163		1	03/17/21 11:33	03/18/21 00:10	1718-51-0	
Phenol-d6 (S)	37	%	10-130		1	03/17/21 11:33	03/18/21 00:10	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	03/17/21 11:33	03/18/21 00:10	367-12-4	
2,4,6-Tribromophenol (S)	85	%	10-144		1	03/17/21 11:33	03/18/21 00:10	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 16:17	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	115	%	67-170		1	03/16/21 11:19	03/17/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/16/21 11:19	03/17/21 16:17	321-60-8	
Terphenyl-d14 (S)	94	%	62-169		1	03/16/21 11:19	03/17/21 16:17	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 22:04	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-15_WG_20210311 Lab ID: 92527577024 Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 22:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 22:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 22:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 22:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 22:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 22:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 22:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 22:04	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 22:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 22:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 22:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 22:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 22:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 22:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 22:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 22:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 22:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 22:04	75-35-4	
cis-1,2-Dichloroethene	0.55J	ug/L	1.0	0.38	1		03/18/21 22:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 22:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 22:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 22:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 22:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 22:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 22:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 22:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 22:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 22:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 22:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 22:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 22:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 22:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 22:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 22:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 22:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 22:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 22:04	127-18-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-15_WG_20210311 **Lab ID: 92527577024** Collected: 03/11/21 12:23 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 22:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 22:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 22:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 22:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 22:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 22:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 22:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 22:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 22:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 22:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 22:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 22:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 22:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 22:04	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		03/18/21 22:04	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/18/21 22:04	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:53	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	2.0	mg/L	1.0	0.50	1		03/16/21 18:43	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/21/21 16:27	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-28_WG_20210311 Lab ID: 92527577025 Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	539	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:15	7439-89-6	
Manganese	163	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:15	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	445	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:16	7439-89-6	
Manganese, Dissolved	162	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:16	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 00:35	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 00:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 00:35	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 00:35	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 00:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:35	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 00:35	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 00:35	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 00:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 00:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 00:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:35	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 00:35	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 00:35	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 00:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 00:35	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 00:35	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID:** 92527577025 Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 00:35	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 00:35	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 00:35	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 00:35	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:35	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 00:35	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 00:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 00:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 00:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 00:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 00:35	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 00:35	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 00:35	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 00:35	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 00:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 00:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-144		1	03/17/21 11:33	03/18/21 00:35	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	03/17/21 11:33	03/18/21 00:35	321-60-8	
Terphenyl-d14 (S)	94	%	34-163		1	03/17/21 11:33	03/18/21 00:35	1718-51-0	
Phenol-d6 (S)	30	%	10-130		1	03/17/21 11:33	03/18/21 00:35	13127-88-3	
2-Fluorophenol (S)	42	%	10-130		1	03/17/21 11:33	03/18/21 00:35	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	03/17/21 11:33	03/18/21 00:35	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 16:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	132	%	67-170		1	03/16/21 11:19	03/17/21 16:38	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/16/21 11:19	03/17/21 16:38	321-60-8	
Terphenyl-d14 (S)	111	%	62-169		1	03/16/21 11:19	03/17/21 16:38	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 14:44	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-28_WG_20210311 Lab ID: 92527577025 Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 14:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 14:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 14:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 14:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 14:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 14:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 14:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 14:44	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 14:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 14:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 14:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 14:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 14:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 14:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 14:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 14:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 14:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 14:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 14:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 14:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 14:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 14:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 14:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 14:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 14:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 14:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 14:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 14:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 14:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 14:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 14:44	108-10-1	
Methyl-tert-butyl ether	1.1	ug/L	1.0	0.42	1		03/18/21 14:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 14:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 14:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 14:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 14:44	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-28_WG_20210311 **Lab ID: 92527577025** Collected: 03/11/21 14:06 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 14:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 14:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 14:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 14:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 14:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 14:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 14:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 14:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 14:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 14:44	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 14:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 14:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 14:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 14:44	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 14:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 14:44	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	ND	mg/L	0.10	0.050	1		03/16/21 03:54	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	20.2	mg/L	1.0	0.50	1		03/16/21 18:58	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		03/21/21 16:45	7440-44-0	M1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 **Lab ID: 92527577026** Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron	836	ug/L	50.0	41.5	1	03/17/21 01:53	03/18/21 18:25	7439-89-6	
Manganese	46.6	ug/L	5.0	3.4	1	03/17/21 01:53	03/18/21 18:25	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Iron, Dissolved	379	ug/L	50.0	41.5	1	03/16/21 12:20	03/17/21 02:19	7439-89-6	
Manganese, Dissolved	41.7	ug/L	5.0	3.4	1	03/16/21 12:20	03/17/21 02:19	7439-96-5	
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/17/21 11:33	03/18/21 01:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 01:00	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/17/21 11:33	03/18/21 01:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 01:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/17/21 11:33	03/18/21 01:00	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/17/21 11:33	03/18/21 01:00	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/17/21 11:33	03/18/21 01:00	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 01:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/17/21 11:33	03/18/21 01:00	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/17/21 11:33	03/18/21 01:00	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/17/21 11:33	03/18/21 01:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/17/21 11:33	03/18/21 01:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/17/21 11:33	03/18/21 01:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 01:00	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/17/21 11:33	03/18/21 01:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/17/21 11:33	03/18/21 01:00	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/17/21 11:33	03/18/21 01:00	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/17/21 11:33	03/18/21 01:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/17/21 11:33	03/18/21 01:00	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	206-44-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 Lab ID: 92527577026 Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/L	10.0	2.1	1	03/17/21 11:33	03/18/21 01:00	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/17/21 11:33	03/18/21 01:00	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/17/21 11:33	03/18/21 01:00	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	15831-10-4	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/17/21 11:33	03/18/21 01:00	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 01:00	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/17/21 11:33	03/18/21 01:00	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/17/21 11:33	03/18/21 01:00	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/17/21 11:33	03/18/21 01:00	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/17/21 11:33	03/18/21 01:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/17/21 11:33	03/18/21 01:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/17/21 11:33	03/18/21 01:00	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/17/21 11:33	03/18/21 01:00	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/17/21 11:33	03/18/21 01:00	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/17/21 11:33	03/18/21 01:00	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/17/21 11:33	03/18/21 01:00	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/17/21 11:33	03/18/21 01:00	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-144		1	03/17/21 11:33	03/18/21 01:00	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	03/17/21 11:33	03/18/21 01:00	321-60-8	
Terphenyl-d14 (S)	141	%	34-163		1	03/17/21 11:33	03/18/21 01:00	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/17/21 11:33	03/18/21 01:00	13127-88-3	
2-Fluorophenol (S)	64	%	10-130		1	03/17/21 11:33	03/18/21 01:00	367-12-4	
2,4,6-Tribromophenol (S)	120	%	10-144		1	03/17/21 11:33	03/18/21 01:00	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/16/21 11:19	03/17/21 17:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	71	%	67-170		1	03/16/21 11:19	03/17/21 17:00	4165-60-0	
2-Fluorobiphenyl (S)	77	%	61-163		1	03/16/21 11:19	03/17/21 17:00	321-60-8	
Terphenyl-d14 (S)	55	%	62-169		1	03/16/21 11:19	03/17/21 17:00	1718-51-0	S0
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 18:59	67-64-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 Lab ID: 92527577026 Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 18:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 18:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 18:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 18:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 18:59	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 18:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 18:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 18:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 18:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 18:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 18:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 18:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 18:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 18:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 18:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 18:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 18:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 18:59	108-20-3	
Ethylbenzene	0.38J	ug/L	1.0	0.30	1		03/18/21 18:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 18:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 18:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 18:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 18:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 18:59	1634-04-4	
Naphthalene	2.3	ug/L	1.0	0.64	1		03/18/21 18:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 18:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 18:59	127-18-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: MW-43BR_WG_20210311 Lab ID: 92527577026 Collected: 03/11/21 09:45 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 18:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 18:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 18:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 18:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 18:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 18:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 18:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 18:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 18:59	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 18:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 18:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 18:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		03/18/21 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/18/21 18:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 18:59	2037-26-5	
4500S2D Sulfide Water									
Analytical Method: SM 4500-S2D-2011									
Pace Analytical Services - Asheville									
Sulfide	1.6	mg/L	0.50	0.25	5		03/16/21 03:55	18496-25-8	
300.0 IC Anions 28 Days									
Analytical Method: EPA 300.0 Rev 2.1 1993									
Pace Analytical Services - Asheville									
Sulfate	12.3	mg/L	1.0	0.50	1		03/16/21 19:13	14808-79-8	
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	22.2	mg/L	1.0	0.50	1		03/21/21 17:36	7440-44-0	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Sample: TB-03_WG_20210311 Lab ID: 92527577027 Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 13:31	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 13:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 13:31	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 13:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 13:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 13:31	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 13:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 13:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 13:31	75-00-3	v2
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 13:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 13:31	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:31	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 13:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 13:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 13:31	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 13:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 13:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 13:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 13:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 13:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 13:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 13:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 13:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 13:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 13:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 13:31	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 13:31	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 13:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 13:31	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 13:31	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 13:31	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 13:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 13:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 13:31	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 13:31	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 13:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 13:31	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: TB-03_WG_20210311 **Lab ID:** 92527577027 Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 13:31	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 13:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 13:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 13:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 13:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 13:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 13:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 13:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 13:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 13:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 13:31	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 13:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 13:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 13:31	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/18/21 13:31	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/18/21 13:31	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 13:31	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: TB-04_WG_20210311 **Lab ID:** 92527577028 **Collected:** 03/11/21 00:00 **Received:** 03/12/21 12:50 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 00:50	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 00:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 00:50	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 00:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 00:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 00:50	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 00:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 00:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 00:50	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 00:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 00:50	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 00:50	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 00:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 00:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 00:50	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 00:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 00:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 00:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 00:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 00:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 00:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 00:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 00:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 00:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 00:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 00:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 00:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 00:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 00:50	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 00:50	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 00:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 00:50	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 00:50	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 00:50	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 00:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 00:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 00:50	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 00:50	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 00:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 00:50	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: TB-04_WG_20210311 **Lab ID: 92527577028** Collected: 03/11/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 00:50	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 00:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 00:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 00:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 00:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 00:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 00:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 00:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 00:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 00:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 00:50	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 00:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 00:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 00:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/18/21 00:50	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		03/18/21 00:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 00:50	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: TB-05_WG_20210312 Lab ID: 92527577029 Collected: 03/12/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 01:08	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 01:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 01:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 01:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 01:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 01:08	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 01:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 01:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 01:08	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 01:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 01:08	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 01:08	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 01:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 01:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 01:08	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 01:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 01:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 01:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 01:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 01:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 01:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 01:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 01:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 01:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 01:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 01:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 01:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 01:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 01:08	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 01:08	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 01:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 01:08	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 01:08	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 01:08	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 01:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 01:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 01:08	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 01:08	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 01:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 01:08	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Sample: TB-05_WG_20210312 **Lab ID:** 92527577029 Collected: 03/12/21 00:00 Received: 03/12/21 12:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 01:08	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 01:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 01:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 01:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 01:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 01:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 01:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 01:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 01:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 01:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 01:08	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 01:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 01:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 01:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/18/21 01:08	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		03/18/21 01:08	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		03/18/21 01:08	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch:	607050	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3198347 Matrix: Water

Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	41.5	03/18/21 17:46	
Manganese	ug/L	ND	5.0	3.4	03/18/21 17:46	

LABORATORY CONTROL SAMPLE: 3198348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4950	99	80-120	
Manganese	ug/L	500	464	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198349 3198350

Parameter	Units	92527376006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	16200	5000	5000	14600	12600	-31	-72	75-125	15	20	M1
Manganese	ug/L	4840	500	500	5200	5210	72	73	75-125	0	20	M1

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch: 606875 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3197241 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Iron, Dissolved	ug/L	ND	50.0	41.5	03/17/21 01:40	
Manganese, Dissolved	ug/L	ND	5.0	3.4	03/17/21 01:40	

LABORATORY CONTROL SAMPLE: 3197242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron, Dissolved	ug/L	5000	4600	92	80-120	
Manganese, Dissolved	ug/L	500	479	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197243 3197244

Parameter	Units	92527376006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron, Dissolved	ug/L	6570	5000	5000	10900	11000	87	89	75-125	1	20	
Manganese, Dissolved	ug/L	4700	500	500	5090	5110	78	82	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch:	606959	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260 MSV Low Level SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

METHOD BLANK: 3197829 Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 12:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 12:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 12:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 12:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 12:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 12:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 12:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 12:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 12:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 12:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 12:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 12:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 12:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 12:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 12:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 12:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 12:55	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 12:55	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 12:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 12:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 12:55	
Acetone	ug/L	ND	25.0	5.1	03/18/21 12:55	
Benzene	ug/L	ND	1.0	0.34	03/18/21 12:55	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 12:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 12:55	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 12:55	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 12:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 12:55	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 12:55	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 12:55	v2
Chloroform	ug/L	ND	5.0	1.6	03/18/21 12:55	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 12:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 12:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 12:55	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

METHOD BLANK: 3197829

Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020, 92527577021, 92527577022, 92527577025, 92527577026, 92527577027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 12:55	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 12:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 12:55	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 12:55	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 12:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 12:55	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 12:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 12:55	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 12:55	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 12:55	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 12:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 12:55	
Styrene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 12:55	
Toluene	ug/L	ND	1.0	0.48	03/18/21 12:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 12:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 12:55	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 12:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 12:55	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 12:55	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 12:55	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 12:55	
1,2-Dichloroethane-d4 (S)	%	93	70-130		03/18/21 12:55	
4-Bromofluorobenzene (S)	%	100	70-130		03/18/21 12:55	
Toluene-d8 (S)	%	100	70-130		03/18/21 12:55	

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.7	111	70-130	
1,1,1-Trichloroethane	ug/L	50	51.3	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,2-Trichloroethane	ug/L	50	54.5	109	70-130	
1,1-Dichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethene	ug/L	50	49.6	99	70-130	
1,1-Dichloropropene	ug/L	50	52.3	105	70-130	
1,2,3-Trichlorobenzene	ug/L	50	58.0	116	70-130	
1,2,3-Trichloropropane	ug/L	50	50.9	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	56.5	113	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.5	117	70-130	
1,2-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,2-Dichloroethane	ug/L	50	51.5	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	53.2	106	70-130	
1,3-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,3-Dichloropropane	ug/L	50	54.4	109	70-130	
1,4-Dichlorobenzene	ug/L	50	53.1	106	70-130	
2,2-Dichloropropane	ug/L	50	56.0	112	70-130	
2-Butanone (MEK)	ug/L	100	105	105	70-130	
2-Chlorotoluene	ug/L	50	52.4	105	70-130	
2-Hexanone	ug/L	100	104	104	70-130	
4-Chlorotoluene	ug/L	50	51.8	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-130	
Acetone	ug/L	100	105	105	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	52.9	106	70-130	
Bromochloromethane	ug/L	50	53.5	107	70-130	
Bromodichloromethane	ug/L	50	50.5	101	70-130	
Bromoform	ug/L	50	60.7	121	70-130	
Bromomethane	ug/L	50	51.8	104	70-130	
Carbon tetrachloride	ug/L	50	53.2	106	70-130	
Chlorobenzene	ug/L	50	53.6	107	70-130	
Chloroethane	ug/L	50	35.2	70	70-130 v3	
Chloroform	ug/L	50	50.8	102	70-130	
Chloromethane	ug/L	50	42.0	84	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.6	109	70-130	
Dibromochloromethane	ug/L	50	58.4	117	70-130	
Dibromomethane	ug/L	50	58.7	117	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	52.3	105	70-130	
Hexachloro-1,3-butadiene	ug/L	50	56.7	113	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	46.9	94	70-130	
Naphthalene	ug/L	50	53.6	107	70-130	
o-Xylene	ug/L	50	52.5	105	70-130	
p-Isopropyltoluene	ug/L	50	54.0	108	70-130	
Styrene	ug/L	50	55.8	112	70-130	
Tetrachloroethene	ug/L	50	54.6	109	70-130	
Toluene	ug/L	50	52.3	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.8	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.9	110	70-130	
Trichloroethene	ug/L	50	56.1	112	70-130	
Trichlorofluoromethane	ug/L	50	40.4	81	70-130	
Vinyl acetate	ug/L	100	121	121	70-130	
Vinyl chloride	ug/L	50	44.5	89	70-130	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			86	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197830

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197843 3197844

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527577001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	21.2	21.2	106	106	73-134	0	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20	21.5	21.7	108	108	82-143	1	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	19.7	18.9	99	95	70-136	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20	21.9	21.8	109	109	70-135	0	30	
1,1-Dichloroethane	ug/L	ND	20	20	20	21.1	21.4	106	107	70-139	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20	20.9	21.1	105	105	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	20	21.3	21.5	106	107	70-149	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	20.6	21.7	103	108	70-135	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20	19.0	18.9	95	94	71-137	0	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	19.9	20.4	100	102	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	20.9	20.9	105	104	65-134	0	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.8	21.1	104	106	70-133	1	30	
1,2-Dichloroethane	ug/L	ND	20	20	20	20.8	20.9	104	104	70-137	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	20	22.0	21.7	110	108	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20	21.3	20.9	107	104	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	20	21.2	21.1	106	106	70-143	0	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20	20.6	20.7	103	103	70-133	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	20	15.5	15.7	77	79	61-148	2	30	
2-Butanone (MEK)	ug/L	ND	40	40	40	39.9	39.3	100	98	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	20	20.8	20.8	104	104	70-144	0	30	
2-Hexanone	ug/L	ND	40	40	40	36.1	35.3	90	88	65-138	2	30	
4-Chlorotoluene	ug/L	ND	20	20	20	20.3	20.3	102	102	70-137	0	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40	37.0	36.8	93	92	65-135	1	30	
Acetone	ug/L	ND	40	40	40	45.8	46.2	114	115	60-148	1	30	
Benzene	ug/L	12.4	20	20	20	36.8	35.2	122	114	70-151	4	30	
Bromobenzene	ug/L	ND	20	20	20	20.7	21.6	103	108	70-136	4	30	
Bromochloromethane	ug/L	ND	20	20	20	22.8	22.8	114	114	70-141	0	30	
Bromodichloromethane	ug/L	ND	20	20	20	20.2	20.2	101	101	70-138	0	30	
Bromoform	ug/L	ND	20	20	20	21.1	20.5	106	103	63-130	3	30	
Bromomethane	ug/L	ND	20	20	20	22.1	22.6	111	113	15-152	2	30	
Carbon tetrachloride	ug/L	ND	20	20	20	22.0	22.5	110	112	70-143	2	30	
Chlorobenzene	ug/L	ND	20	20	20	21.8	21.4	109	107	70-138	2	30	
Chloroethane	ug/L	ND	20	20	20	17.1	16.8	86	84	52-163	2	30	v3
Chloroform	ug/L	ND	20	20	20	21.7	21.9	108	109	70-139	1	30	
Chloromethane	ug/L	ND	20	20	20	16.4	17.2	82	86	41-139	5	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	20.3	20.8	101	104	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	18.9	19.4	95	97	70-137	2	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Parameter	Units	3197843		3197844		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result							
Dibromochloromethane	ug/L	ND	20	20	21.6	21.8	108	109	70-134	1	30	
Dibromomethane	ug/L	ND	20	20	23.7	23.3	119	116	70-138	2	30	
Dichlorodifluoromethane	ug/L	ND	20	20	16.2	16.9	81	84	47-155	4	30	
Diisopropyl ether	ug/L	ND	20	20	18.6	19.3	93	97	63-144	4	30	
Ethylbenzene	ug/L	ND	20	20	21.3	21.3	107	106	66-153	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.5	20.6	98	103	65-149	5	30	
m&p-Xylene	ug/L	1.1J	40	40	43.0	43.3	105	106	69-152	1	30	
Methyl-tert-butyl ether	ug/L	0.86J	20	20	20.4	20.8	98	100	54-156	2	30	
Methylene Chloride	ug/L	ND	20	20	19.7	19.8	98	99	42-159	1	30	
Naphthalene	ug/L	31.0	20	20	50.3	57.8	96	134	61-148	14	30	
o-Xylene	ug/L	ND	20	20	21.1	21.4	105	107	70-148	2	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.9	20.2	99	101	70-146	2	30	
Styrene	ug/L	ND	20	20	21.6	21.9	108	109	70-135	1	30	
Tetrachloroethene	ug/L	ND	20	20	21.2	20.9	106	104	59-143	2	30	
Toluene	ug/L	ND	20	20	21.6	21.6	108	108	59-148	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.9	21.6	104	108	70-146	3	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.2	19.0	96	95	70-135	1	30	
Trichloroethene	ug/L	ND	20	20	22.9	22.9	115	115	70-147	0	30	
Trichlorofluoromethane	ug/L	ND	20	20	17.9	17.6	90	88	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	27.1	27.2	68	68	49-151	0	30	
Vinyl chloride	ug/L	ND	20	20	18.5	19.1	93	95	70-156	3	30	
Xylene (Total)	ug/L	1.1	60	60	64.0	64.8	105	106	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						92	92	70-130			
4-Bromofluorobenzene (S)	%						102	100	70-130			
Toluene-d8 (S)	%						98	99	70-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch:	606965	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260 MSV Low Level SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

METHOD BLANK: 3197860

Matrix: Water

Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 14:50	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 14:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 14:50	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 14:50	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 14:50	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 14:50	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 14:50	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 14:50	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 14:50	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 14:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 14:50	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 14:50	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 14:50	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 14:50	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 14:50	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 14:50	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 14:50	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 14:50	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 14:50	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 14:50	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 14:50	
Acetone	ug/L	ND	25.0	5.1	03/18/21 14:50	
Benzene	ug/L	ND	1.0	0.34	03/18/21 14:50	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 14:50	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 14:50	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 14:50	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 14:50	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 14:50	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 14:50	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 14:50	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 14:50	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 14:50	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 14:50	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 14:50	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 14:50	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 14:50	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 14:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

METHOD BLANK: 3197860

Matrix: Water

Associated Lab Samples: 92527577003, 92527577004, 92527577005, 92527577023, 92527577024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 14:50	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 14:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 14:50	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 14:50	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 14:50	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 14:50	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 14:50	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 14:50	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 14:50	
Styrene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 14:50	
Toluene	ug/L	ND	1.0	0.48	03/18/21 14:50	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 14:50	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 14:50	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 14:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 14:50	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 14:50	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 14:50	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 14:50	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/18/21 14:50	
4-Bromofluorobenzene (S)	%	100	70-130		03/18/21 14:50	
Toluene-d8 (S)	%	99	70-130		03/18/21 14:50	

LABORATORY CONTROL SAMPLE: 3197861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	70-130	
1,1,1-Trichloroethane	ug/L	50	49.8	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1-Dichloroethane	ug/L	50	49.1	98	70-130	
1,1-Dichloroethene	ug/L	50	49.3	99	70-130	
1,1-Dichloropropene	ug/L	50	50.4	101	70-130	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	70-130	
1,2,3-Trichloropropane	ug/L	50	50.8	102	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	58.8	118	70-130	
1,2-Dichlorobenzene	ug/L	50	50.2	100	70-130	
1,2-Dichloroethane	ug/L	50	49.9	100	70-130	
1,2-Dichloropropane	ug/L	50	50.0	100	70-130	
1,3-Dichlorobenzene	ug/L	50	51.6	103	70-130	
1,3-Dichloropropane	ug/L	50	49.0	98	70-130	
1,4-Dichlorobenzene	ug/L	50	49.1	98	70-130	
2,2-Dichloropropane	ug/L	50	49.9	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	50.4	101	70-130	
2-Hexanone	ug/L	100	107	107	70-130	
4-Chlorotoluene	ug/L	50	49.3	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	111	111	70-130	
Benzene	ug/L	50	49.3	99	70-130	
Bromobenzene	ug/L	50	48.7	97	70-130	
Bromochloromethane	ug/L	50	49.6	99	70-130	
Bromodichloromethane	ug/L	50	45.7	91	70-130	
Bromoform	ug/L	50	52.9	106	70-130	
Bromomethane	ug/L	50	48.3	97	70-130	
Carbon tetrachloride	ug/L	50	49.3	99	70-130	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	44.6	89	70-130	
Chloroform	ug/L	50	49.2	98	70-130	
Chloromethane	ug/L	50	46.4	93	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	51.1	102	70-130	
Dibromomethane	ug/L	50	51.9	104	70-130	
Dichlorodifluoromethane	ug/L	50	41.0	82	70-130	
Diisopropyl ether	ug/L	50	48.2	96	70-130	
Ethylbenzene	ug/L	50	48.0	96	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	50.6	101	70-130	
Methylene Chloride	ug/L	50	47.8	96	70-130	
Naphthalene	ug/L	50	56.1	112	70-130	
o-Xylene	ug/L	50	48.0	96	70-130	
p-Isopropyltoluene	ug/L	50	49.9	100	70-130	
Styrene	ug/L	50	48.7	97	70-130	
Tetrachloroethene	ug/L	50	48.8	98	70-130	
Toluene	ug/L	50	49.2	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Trichloroethene	ug/L	50	50.2	100	70-130	
Trichlorofluoromethane	ug/L	50	46.4	93	70-130	
Vinyl acetate	ug/L	100	113	113	70-130	
Vinyl chloride	ug/L	50	47.3	95	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	92527577005		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197862 3197863																
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.3	22.2	107	111	73-134	4	30					
1,1,1-Trichloroethane	ug/L	ND	20	20	21.4	22.6	107	113	82-143	5	30					
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.1	22.5	101	112	70-136	11	30					
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	23.2	106	116	70-135	9	30					
1,1-Dichloroethane	ug/L	ND	20	20	20.6	22.0	103	110	70-139	7	30					
1,1-Dichloroethene	ug/L	ND	20	20	21.8	23.2	109	116	70-154	6	30					
1,1-Dichloropropene	ug/L	ND	20	20	21.2	22.9	106	114	70-149	8	30					
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.6	22.7	108	114	70-135	5	30					
1,2,3-Trichloropropane	ug/L	ND	20	20	19.5	22.8	98	114	71-137	16	30					
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.9	22.9	109	114	73-140	4	30					
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.7	23.6	108	118	65-134	8	30					
1,2-Dichlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	70-133	3	30					
1,2-Dichloroethane	ug/L	ND	20	20	20.4	22.2	102	111	70-137	8	30					
1,2-Dichloropropane	ug/L	ND	20	20	21.3	23.1	106	115	70-140	8	30					
1,3-Dichlorobenzene	ug/L	ND	20	20	22.3	23.0	112	115	70-135	3	30					
1,3-Dichloropropane	ug/L	ND	20	20	20.5	22.4	103	112	70-143	9	30					
1,4-Dichlorobenzene	ug/L	ND	20	20	21.3	22.1	107	111	70-133	4	30					
2,2-Dichloropropane	ug/L	ND	20	20	21.9	23.6	110	118	61-148	8	30					
2-Butanone (MEK)	ug/L	ND	40	40	38.7	46.2	97	116	60-139	18	30					
2-Chlorotoluene	ug/L	ND	20	20	22.1	23.2	110	116	70-144	5	30					
2-Hexanone	ug/L	ND	40	40	39.9	45.8	100	114	65-138	14	30					
4-Chlorotoluene	ug/L	ND	20	20	21.7	22.4	109	112	70-137	3	30					
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	39.3	45.0	98	113	65-135	14	30					
Acetone	ug/L	ND	40	40	38.7	44.3	97	111	60-148	13	30					
Benzene	ug/L	ND	20	20	20.8	22.7	104	113	70-151	8	30					
Bromobenzene	ug/L	ND	20	20	21.7	22.7	108	114	70-136	5	30					
Bromochloromethane	ug/L	ND	20	20	21.1	22.4	105	112	70-141	6	30					
Bromodichloromethane	ug/L	ND	20	20	19.2	20.3	96	102	70-138	6	30					
Bromoform	ug/L	ND	20	20	20.0	21.9	100	110	63-130	9	30					
Bromomethane	ug/L	ND	20	20	14.6	15.4	73	77	15-152	6	30					
Carbon tetrachloride	ug/L	ND	20	20	21.4	23.2	107	116	70-143	8	30					
Chlorobenzene	ug/L	ND	20	20	21.7	22.7	108	113	70-138	4	30					
Chloroethane	ug/L	ND	20	20	21.5	22.3	107	111	52-163	4	30					
Chloroform	ug/L	ND	20	20	20.8	22.2	104	111	70-139	6	30					
Chloromethane	ug/L	ND	20	20	14.6	16.5	73	82	41-139	12	30					
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.4	21.9	102	109	70-141	7	30					
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.0	22.4	105	112	70-137	7	30					
Dibromochloromethane	ug/L	ND	20	20	21.0	22.1	105	111	70-134	5	30					
Dibromomethane	ug/L	ND	20	20	21.6	24.0	108	120	70-138	10	30					
Dichlorodifluoromethane	ug/L	ND	20	20	17.8	19.5	89	98	47-155	9	30					
Diisopropyl ether	ug/L	ND	20	20	19.5	21.2	98	106	63-144	8	30					
Ethylbenzene	ug/L	ND	20	20	21.2	22.6	106	113	66-153	6	30					
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.3	23.1	117	116	65-149	1	30					
m&p-Xylene	ug/L	ND	40	40	43.2	45.1	108	113	69-152	4	30					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	3197862		3197863		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Methyl-tert-butyl ether	ug/L	0.63J	20	20	20.6	22.4	100	109	54-156	9	30		
Methylene Chloride	ug/L	ND	20	20	20.0	21.2	100	106	42-159	6	30		
Naphthalene	ug/L	ND	20	20	21.1	22.5	106	112	61-148	6	30		
o-Xylene	ug/L	ND	20	20	20.7	22.0	103	110	70-148	6	30		
p-Isopropyltoluene	ug/L	ND	20	20	22.2	22.7	111	113	70-146	2	30		
Styrene	ug/L	ND	20	20	20.8	21.6	104	108	70-135	4	30		
Tetrachloroethene	ug/L	ND	20	20	22.0	23.2	110	116	59-143	5	30		
Toluene	ug/L	ND	20	20	21.1	22.5	105	113	59-148	7	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	22.8	106	114	70-146	7	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.3	22.3	102	112	70-135	9	30		
Trichloroethene	ug/L	ND	20	20	21.6	23.3	108	117	70-147	8	30		
Trichlorofluoromethane	ug/L	ND	20	20	21.0	22.2	105	111	70-148	6	30		
Vinyl acetate	ug/L	ND	40	40	42.9	46.9	107	117	49-151	9	30		
Vinyl chloride	ug/L	ND	20	20	19.8	20.5	99	102	70-156	3	30		
Xylene (Total)	ug/L	ND	60	60	63.8	67.1	106	112	63-158	5	30		
1,2-Dichloroethane-d4 (S)	%						94	98	70-130				
4-Bromofluorobenzene (S)	%						99	99	70-130				
Toluene-d8 (S)	%						99	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch: 607260

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577028, 92527577029

METHOD BLANK: 3199103

Matrix: Water

Associated Lab Samples: 92527577028, 92527577029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 00:32	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 00:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 00:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 00:32	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 00:32	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 00:32	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 00:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 00:32	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 00:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 00:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 00:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 00:32	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 00:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 00:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 00:32	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 00:32	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 00:32	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 00:32	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 00:32	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 00:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 00:32	
Acetone	ug/L	ND	25.0	5.1	03/18/21 00:32	
Benzene	ug/L	ND	1.0	0.34	03/18/21 00:32	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 00:32	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 00:32	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 00:32	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 00:32	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 00:32	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 00:32	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 00:32	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 00:32	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 00:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 00:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 00:32	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 00:32	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 00:32	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 00:32	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

METHOD BLANK: 3199103

Matrix: Water

Associated Lab Samples: 92527577028, 92527577029

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 00:32	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 00:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 00:32	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 00:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 00:32	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 00:32	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 00:32	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 00:32	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 00:32	
Styrene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 00:32	
Toluene	ug/L	ND	1.0	0.48	03/18/21 00:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 00:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 00:32	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 00:32	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 00:32	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 00:32	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 00:32	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 00:32	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/18/21 00:32	
4-Bromofluorobenzene (S)	%	96	70-130		03/18/21 00:32	
Toluene-d8 (S)	%	100	70-130		03/18/21 00:32	

LABORATORY CONTROL SAMPLE: 3199104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.8	94	70-130	
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.8	94	70-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	44.5	89	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	44.8	90	70-130	
1,2,3-Trichlorobenzene	ug/L	50	48.5	97	70-130	
1,2,3-Trichloropropane	ug/L	50	48.9	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	44.0	88	70-130	
1,2-Dichloropropane	ug/L	50	45.0	90	70-130	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,3-Dichloropropane	ug/L	50	46.5	93	70-130	
1,4-Dichlorobenzene	ug/L	50	48.4	97	70-130	
2,2-Dichloropropane	ug/L	50	44.5	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3199104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	84.2	84	70-130	
2-Chlorotoluene	ug/L	50	45.9	92	70-130	
2-Hexanone	ug/L	100	92.2	92	70-130	
4-Chlorotoluene	ug/L	50	45.5	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.1	91	70-130	
Acetone	ug/L	100	99.6	100	70-130	
Benzene	ug/L	50	45.1	90	70-130	
Bromobenzene	ug/L	50	45.6	91	70-130	
Bromochloromethane	ug/L	50	47.3	95	70-130	
Bromodichloromethane	ug/L	50	43.4	87	70-130	
Bromoform	ug/L	50	47.8	96	70-130	
Bromomethane	ug/L	50	42.2	84	70-130	
Carbon tetrachloride	ug/L	50	46.3	93	70-130	
Chlorobenzene	ug/L	50	48.0	96	70-130	
Chloroethane	ug/L	50	42.5	85	70-130	
Chloroform	ug/L	50	46.4	93	70-130	
Chloromethane	ug/L	50	42.6	85	70-130	
cis-1,2-Dichloroethene	ug/L	50	43.9	88	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	70-130	
Dibromochloromethane	ug/L	50	47.9	96	70-130	
Dibromomethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	50.0	100	70-130	
Diisopropyl ether	ug/L	50	41.7	83	70-130	
Ethylbenzene	ug/L	50	46.6	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	46.8	94	70-130	
m&p-Xylene	ug/L	100	95.0	95	70-130	
Methyl-tert-butyl ether	ug/L	50	45.2	90	70-130	
Methylene Chloride	ug/L	50	42.9	86	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.0	94	70-130	
p-Isopropyltoluene	ug/L	50	47.0	94	70-130	
Styrene	ug/L	50	47.8	96	70-130	
Tetrachloroethene	ug/L	50	47.6	95	70-130	
Toluene	ug/L	50	46.5	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.6	93	70-130	
Trichloroethene	ug/L	50	47.4	95	70-130	
Trichlorofluoromethane	ug/L	50	46.9	94	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	
Vinyl chloride	ug/L	50	44.7	89	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	3200548		3200549		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527568008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.8	21.1	99	105	73-134	6	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	19.3	21.4	96	107	82-143	11	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.1	20.4	96	102	70-136	7	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	20.0	21.1	100	105	70-135	5	30		
1,1-Dichloroethane	ug/L	ND	20	20	19.0	20.6	95	103	70-139	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	20.8	22.4	104	112	70-154	8	30		
1,1-Dichloropropene	ug/L	ND	20	20	19.7	21.5	98	107	70-149	9	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	19.7	21.6	98	108	70-135	10	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	19.5	21.0	98	105	71-137	7	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.0	22.0	100	110	73-140	10	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.8	21.5	99	107	65-134	8	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	19.6	21.3	98	106	70-133	8	30		
1,2-Dichloroethane	ug/L	ND	20	20	18.3	19.7	92	99	70-137	8	30		
1,2-Dichloropropane	ug/L	ND	20	20	19.5	20.7	97	104	70-140	6	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	21.6	99	108	70-135	9	30		
1,3-Dichloropropane	ug/L	ND	20	20	19.4	20.8	97	104	70-143	7	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.9	21.8	100	109	70-133	9	30		
2,2-Dichloropropane	ug/L	ND	20	20	20.7	22.1	103	110	61-148	7	30		
2-Butanone (MEK)	ug/L	ND	40	40	35.8	39.1	84	92	60-139	9	30		
2-Chlorotoluene	ug/L	ND	20	20	19.4	21.1	97	105	70-144	8	30		
2-Hexanone	ug/L	ND	40	40	37.2	40.3	93	101	65-138	8	30		
4-Chlorotoluene	ug/L	ND	20	20	18.8	20.5	94	102	70-137	9	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.4	40.6	93	101	65-135	8	30		
Acetone	ug/L	ND	40	40	40.4	44.8	101	112	60-148	10	30		
Benzene	ug/L	ND	20	20	19.7	21.0	99	105	70-151	6	30		
Bromobenzene	ug/L	ND	20	20	19.4	21.2	97	106	70-136	9	30		
Bromochloromethane	ug/L	ND	20	20	20.1	21.4	101	107	70-141	6	30		
Bromodichloromethane	ug/L	ND	20	20	18.7	19.9	94	99	70-138	6	30		
Bromoform	ug/L	ND	20	20	19.3	20.8	96	104	63-130	8	30		
Bromomethane	ug/L	ND	20	20	22.1	25.1	110	125	15-152	13	30		
Carbon tetrachloride	ug/L	ND	20	20	21.3	23.3	107	117	70-143	9	30		
Chlorobenzene	ug/L	ND	20	20	20.6	21.8	103	109	70-138	6	30		
Chloroethane	ug/L	ND	20	20	23.6	25.0	118	125	52-163	6	30		
Chloroform	ug/L	ND	20	20	18.9	20.2	95	101	70-139	6	30		
Chloromethane	ug/L	ND	20	20	19.3	19.5	96	97	41-139	1	30		
cis-1,2-Dichloroethene	ug/L	3.3	20	20	22.4	22.9	96	98	70-141	2	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.2	21.5	101	108	70-137	6	30		
Dibromochloromethane	ug/L	ND	20	20	19.9	21.2	100	106	70-134	6	30		
Dibromomethane	ug/L	ND	20	20	20.7	22.2	104	111	70-138	7	30		
Dichlorodifluoromethane	ug/L	ND	20	20	20.3	21.7	101	109	47-155	7	30		
Diisopropyl ether	ug/L	ND	20	20	17.1	18.6	86	93	63-144	8	30		
Ethylbenzene	ug/L	ND	20	20	20.2	21.4	101	107	66-153	6	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.3	22.9	106	114	65-149	7	30		
m&p-Xylene	ug/L	ND	40	40	41.0	43.4	103	108	69-152	6	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3200548		3200549		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527568008 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	ND	20	20	18.5	20.1	92	100	54-156	8	30		
Methylene Chloride	ug/L	ND	20	20	18.2	19.2	91	96	42-159	5	30		
Naphthalene	ug/L	1.1	20	20	20.0	21.0	95	99	61-148	5	30		
o-Xylene	ug/L	ND	20	20	20.2	21.3	101	106	70-148	5	30		
p-Isopropyltoluene	ug/L	ND	20	20	20.6	22.5	103	113	70-146	9	30		
Styrene	ug/L	ND	20	20	19.2	20.6	96	103	70-135	7	30		
Tetrachloroethene	ug/L	ND	20	20	20.5	22.2	103	111	59-143	8	30		
Toluene	ug/L	ND	20	20	20.8	22.0	104	110	59-148	6	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.8	21.3	99	107	70-146	7	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.8	20.8	99	104	70-135	5	30		
Trichloroethene	ug/L	5.9	20	20	29.0	28.8	116	115	70-147	1	30		
Trichlorofluoromethane	ug/L	ND	20	20	24.9	26.4	124	132	70-148	6	30		
Vinyl acetate	ug/L	ND	40	40	42.5	46.1	106	115	49-151	8	30		
Vinyl chloride	ug/L	ND	20	20	19.3	21.0	97	105	70-156	8	30		
Xylene (Total)	ug/L	ND	60	60	61.2	64.7	102	108	63-158	6	30		
1,2-Dichloroethane-d4 (S)	%						99	100	70-130				
4-Bromofluorobenzene (S)	%						98	97	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
 Pace Project No.: 92527577

QC Batch: 607966 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577006, 92527577007

METHOD BLANK: 3202673 Matrix: Water

Associated Lab Samples: 92527577006, 92527577007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/19/21 13:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/19/21 13:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/19/21 13:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/19/21 13:02	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/19/21 13:02	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/19/21 13:02	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/19/21 13:02	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/19/21 13:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/19/21 13:02	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/19/21 13:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/19/21 13:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/19/21 13:02	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/19/21 13:02	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/19/21 13:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/19/21 13:02	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/19/21 13:02	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/19/21 13:02	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 13:02	
2-Hexanone	ug/L	ND	5.0	0.48	03/19/21 13:02	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/19/21 13:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/19/21 13:02	
Acetone	ug/L	ND	25.0	5.1	03/19/21 13:02	
Benzene	ug/L	ND	1.0	0.34	03/19/21 13:02	
Bromobenzene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Bromochloromethane	ug/L	ND	1.0	0.47	03/19/21 13:02	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/19/21 13:02	
Bromoform	ug/L	ND	1.0	0.34	03/19/21 13:02	IK
Bromomethane	ug/L	ND	2.0	1.7	03/19/21 13:02	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/19/21 13:02	
Chlorobenzene	ug/L	ND	1.0	0.28	03/19/21 13:02	
Chloroethane	ug/L	ND	1.0	0.65	03/19/21 13:02	
Chloroform	ug/L	ND	5.0	1.6	03/19/21 13:02	
Chloromethane	ug/L	ND	1.0	0.54	03/19/21 13:02	v2
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/19/21 13:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 13:02	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/19/21 13:02	
Dibromomethane	ug/L	ND	1.0	0.39	03/19/21 13:02	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/19/21 13:02	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

METHOD BLANK: 3202673 Matrix: Water
Associated Lab Samples: 92527577006, 92527577007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/19/21 13:02	
Ethylbenzene	ug/L	ND	1.0	0.30	03/19/21 13:02	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/19/21 13:02	
m&p-Xylene	ug/L	ND	2.0	0.71	03/19/21 13:02	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/19/21 13:02	
Methylene Chloride	ug/L	ND	5.0	2.0	03/19/21 13:02	
Naphthalene	ug/L	ND	1.0	0.64	03/19/21 13:02	
o-Xylene	ug/L	ND	1.0	0.34	03/19/21 13:02	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/19/21 13:02	
Styrene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/19/21 13:02	
Toluene	ug/L	ND	1.0	0.48	03/19/21 13:02	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/19/21 13:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/19/21 13:02	
Trichloroethene	ug/L	ND	1.0	0.38	03/19/21 13:02	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/19/21 13:02	
Vinyl acetate	ug/L	ND	2.0	1.3	03/19/21 13:02	
Vinyl chloride	ug/L	ND	1.0	0.39	03/19/21 13:02	
Xylene (Total)	ug/L	ND	1.0	0.34	03/19/21 13:02	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/19/21 13:02	
4-Bromofluorobenzene (S)	%	103	70-130		03/19/21 13:02	
Toluene-d8 (S)	%	103	70-130		03/19/21 13:02	

LABORATORY CONTROL SAMPLE: 3202674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	70-130	
1,1,1-Trichloroethane	ug/L	50	50.3	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.6	103	70-130	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	50.1	100	70-130	
1,1-Dichloropropene	ug/L	50	50.1	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	52.4	105	70-130	
1,2,3-Trichloropropane	ug/L	50	51.9	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.0	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.9	104	70-130	
1,2-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,2-Dichloroethane	ug/L	50	50.6	101	70-130	
1,2-Dichloropropane	ug/L	50	49.9	100	70-130	
1,3-Dichlorobenzene	ug/L	50	49.3	99	70-130	
1,3-Dichloropropane	ug/L	50	50.5	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.3	99	70-130	
2,2-Dichloropropane	ug/L	50	49.9	100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3202674

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	110	110	70-130	
2-Chlorotoluene	ug/L	50	49.8	100	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	48.3	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	49.2	98	70-130	
Bromobenzene	ug/L	50	47.7	95	70-130	
Bromochloromethane	ug/L	50	50.7	101	70-130	
Bromodichloromethane	ug/L	50	50.3	101	70-130	
Bromoform	ug/L	50	40.7	81	70-130	IK
Bromomethane	ug/L	50	38.2	76	70-130	v3
Carbon tetrachloride	ug/L	50	50.6	101	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	44.0	88	70-130	
Chloroform	ug/L	50	48.8	98	70-130	
Chloromethane	ug/L	50	35.2	70	70-130	v3
cis-1,2-Dichloroethene	ug/L	50	47.1	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.9	106	70-130	
Dibromochloromethane	ug/L	50	50.8	102	70-130	
Dibromomethane	ug/L	50	52.3	105	70-130	
Dichlorodifluoromethane	ug/L	50	43.2	86	70-130	
Diisopropyl ether	ug/L	50	47.3	95	70-130	
Ethylbenzene	ug/L	50	48.6	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.7	97	70-130	
m&p-Xylene	ug/L	100	98.2	98	70-130	
Methyl-tert-butyl ether	ug/L	50	48.3	97	70-130	
Methylene Chloride	ug/L	50	45.6	91	70-130	
Naphthalene	ug/L	50	51.6	103	70-130	
o-Xylene	ug/L	50	49.3	99	70-130	
p-Isopropyltoluene	ug/L	50	51.0	102	70-130	
Styrene	ug/L	50	50.0	100	70-130	
Tetrachloroethene	ug/L	50	49.4	99	70-130	
Toluene	ug/L	50	50.8	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Trichloroethene	ug/L	50	51.3	103	70-130	
Trichlorofluoromethane	ug/L	50	45.1	90	70-130	
Vinyl acetate	ug/L	100	119	119	70-130	
Vinyl chloride	ug/L	50	40.9	82	70-130	
Xylene (Total)	ug/L	150	148	98	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	92527576003		3202675		3202676		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.3	18.9	107	94	73-134	12	30				
1,1,1-Trichloroethane	ug/L	ND	20	20	21.2	19.1	106	95	82-143	10	30				
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.8	18.0	99	90	70-136	10	30				
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	19.0	106	95	70-135	11	30				
1,1-Dichloroethane	ug/L	ND	20	20	20.4	18.5	102	92	70-139	10	30				
1,1-Dichloroethene	ug/L	ND	20	20	21.6	19.7	108	99	70-154	9	30				
1,1-Dichloropropene	ug/L	ND	20	20	21.3	19.3	106	97	70-149	10	30				
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	19.0	106	95	70-135	11	30				
1,2,3-Trichloropropane	ug/L	ND	20	20	19.8	18.4	99	92	71-137	7	30				
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.2	19.5	106	97	73-140	8	30				
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.6	18.1	108	90	65-134	18	30				
1,2-Dichlorobenzene	ug/L	ND	20	20	21.0	19.1	105	95	70-133	10	30				
1,2-Dichloroethane	ug/L	ND	20	20	20.7	18.3	103	92	70-137	12	30				
1,2-Dichloropropane	ug/L	ND	20	20	21.3	18.7	106	93	70-140	13	30				
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	19.7	105	98	70-135	7	30				
1,3-Dichloropropane	ug/L	ND	20	20	20.0	18.5	100	93	70-143	8	30				
1,4-Dichlorobenzene	ug/L	ND	20	20	20.5	18.7	102	94	70-133	9	30				
2,2-Dichloropropane	ug/L	ND	20	20	22.2	19.9	111	99	61-148	11	30				
2-Butanone (MEK)	ug/L	ND	40	40	42.4	36.7	106	92	60-139	15	30				
2-Chlorotoluene	ug/L	ND	20	20	21.6	19.7	108	99	70-144	9	30				
2-Hexanone	ug/L	ND	40	40	40.7	36.3	102	91	65-138	11	30				
4-Chlorotoluene	ug/L	ND	20	20	21.0	19.3	105	97	70-137	8	30				
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40.5	35.6	101	89	65-135	13	30				
Acetone	ug/L	ND	40	40	42.8	36.4	107	91	60-148	16	30				
Benzene	ug/L	ND	20	20	21.3	19.2	106	96	70-151	10	30				
Bromobenzene	ug/L	ND	20	20	21.0	18.9	105	95	70-136	10	30				
Bromochloromethane	ug/L	ND	20	20	21.6	18.7	108	93	70-141	14	30				
Bromodichloromethane	ug/L	ND	20	20	19.5	17.0	98	85	70-138	14	30				
Bromoform	ug/L	ND	20	20	18.3	17.2	92	86	63-130	7	30				
Bromomethane	ug/L	ND	20	20	19.5	16.3	97	82	15-152	18	30	v3			
Carbon tetrachloride	ug/L	ND	20	20	21.8	19.6	109	98	70-143	11	30				
Chlorobenzene	ug/L	ND	20	20	20.8	19.5	104	97	70-138	7	30				
Chloroethane	ug/L	ND	20	20	20.8	20.3	104	102	52-163	3	30				
Chloroform	ug/L	ND	20	20	20.8	18.7	104	94	70-139	10	30				
Chloromethane	ug/L	ND	20	20	15.2	13.7	76	68	41-139	11	30	v3			
cis-1,2-Dichloroethene	ug/L	ND	20	20	20.4	18.3	102	92	70-141	11	30				
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.7	18.0	103	90	70-137	13	30				
Dibromochloromethane	ug/L	ND	20	20	20.4	18.0	102	90	70-134	13	30				
Dibromomethane	ug/L	ND	20	20	22.0	19.8	110	99	70-138	11	30				
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	16.4	92	82	47-155	12	30				
Diisopropyl ether	ug/L	ND	20	20	19.7	17.5	99	87	63-144	12	30				
Ethylbenzene	ug/L	ND	20	20	20.5	19.3	103	96	66-153	6	30				
Hexachloro-1,3-butadiene	ug/L	ND	20	20	22.3	19.9	111	99	65-149	11	30				
m&p-Xylene	ug/L	ND	40	40	41.3	38.3	103	96	69-152	7	30				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	3202675		3202676		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92527576003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Methyl-tert-butyl ether	ug/L	ND	20	20	20.2	18.2	101	91	54-156	10	30	
Methylene Chloride	ug/L	ND	20	20	19.9	17.9	100	90	42-159	10	30	
Naphthalene	ug/L	ND	20	20	21.3	19.0	107	95	61-148	11	30	
o-Xylene	ug/L	ND	20	20	20.6	18.8	103	94	70-148	9	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.3	19.7	106	98	70-146	8	30	
Styrene	ug/L	ND	20	20	20.8	18.6	104	93	70-135	11	30	
Tetrachloroethene	ug/L	ND	20	20	21.0	19.9	105	99	59-143	6	30	
Toluene	ug/L	ND	20	20	21.5	19.2	107	96	59-148	11	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.3	18.8	106	94	70-146	12	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.6	18.1	103	90	70-135	13	30	
Trichloroethene	ug/L	ND	20	20	21.7	19.4	109	97	70-147	11	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.7	18.9	104	94	70-148	9	30	
Vinyl acetate	ug/L	ND	40	40	44.8	39.8	112	99	49-151	12	30	
Vinyl chloride	ug/L	ND	20	20	19.3	17.7	97	89	70-156	9	30	
Xylene (Total)	ug/L	ND	60	60	61.9	57.2	103	95	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						97	97	70-130			
4-Bromofluorobenzene (S)	%						96	101	70-130			
Toluene-d8 (S)	%						100	99	70-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606974 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

METHOD BLANK: 3197928 Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/17/21 10:10	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/17/21 10:10	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/17/21 10:10	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/17/21 10:10	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/17/21 10:10	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/17/21 10:10	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/17/21 10:10	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/17/21 10:10	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/17/21 10:10	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/17/21 10:10	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/17/21 10:10	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/17/21 10:10	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/17/21 10:10	v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/17/21 10:10	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/17/21 10:10	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/17/21 10:10	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/17/21 10:10	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/17/21 10:10	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/17/21 10:10	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/17/21 10:10	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/17/21 10:10	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/17/21 10:10	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/17/21 10:10	
Acenaphthene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Acenaphthylene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Aniline	ug/L	ND	10.0	1.6	03/17/21 10:10	
Anthracene	ug/L	ND	10.0	2.3	03/17/21 10:10	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/17/21 10:10	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/17/21 10:10	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/17/21 10:10	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/17/21 10:10	
Benzoic Acid	ug/L	ND	50.0	3.4	03/17/21 10:10	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/17/21 10:10	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/17/21 10:10	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/17/21 10:10	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

METHOD BLANK: 3197928

Matrix: Water

Associated Lab Samples: 92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/17/21 10:10	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/17/21 10:10	
Chrysene	ug/L	ND	10.0	2.8	03/17/21 10:10	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/17/21 10:10	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/17/21 10:10	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/17/21 10:10	
Dibenzofuran	ug/L	ND	10.0	2.1	03/17/21 10:10	
Diethylphthalate	ug/L	ND	10.0	2.0	03/17/21 10:10	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/17/21 10:10	
Fluoranthene	ug/L	ND	10.0	2.2	03/17/21 10:10	
Fluorene	ug/L	ND	10.0	2.1	03/17/21 10:10	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/17/21 10:10	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/17/21 10:10	
Hexachloroethane	ug/L	ND	10.0	1.4	03/17/21 10:10	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/17/21 10:10	
Isophorone	ug/L	ND	10.0	1.7	03/17/21 10:10	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/17/21 10:10	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/17/21 10:10	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/17/21 10:10	
Nitrobenzene	ug/L	ND	10.0	1.9	03/17/21 10:10	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/17/21 10:10	
Phenanthrene	ug/L	ND	10.0	2.0	03/17/21 10:10	
Phenol	ug/L	ND	10.0	1.4	03/17/21 10:10	
Pyrene	ug/L	ND	10.0	2.2	03/17/21 10:10	
2,4,6-Tribromophenol (S)	%	80	10-144		03/17/21 10:10	
2-Fluorobiphenyl (S)	%	70	10-130		03/17/21 10:10	
2-Fluorophenol (S)	%	60	10-130		03/17/21 10:10	
Nitrobenzene-d5 (S)	%	84	10-144		03/17/21 10:10	
Phenol-d6 (S)	%	44	10-130		03/17/21 10:10	
Terphenyl-d14 (S)	%	101	34-163		03/17/21 10:10	

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	31.7	63	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	36.6	73	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.6	83	35-130	
2,4,6-Trichlorophenol	ug/L	50	40.4	81	31-130	
2,4-Dichlorophenol	ug/L	50	38.3	77	35-130	
2,4-Dimethylphenol	ug/L	50	40.5	81	34-130	
2,4-Dinitrophenol	ug/L	250	209	84	10-153	
2,4-Dinitrotoluene	ug/L	50	38.1	76	37-136	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	44.8	90	33-136	
2-Chloronaphthalene	ug/L	50	30.3	61	26-130	
2-Chlorophenol	ug/L	50	35.8	72	37-130	
2-Methylnaphthalene	ug/L	50	31.2	62	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.5	71	35-130	
2-Nitroaniline	ug/L	100	80.3	80	37-130	
2-Nitrophenol	ug/L	50	46.8	94	32-130 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.7	67	34-130	
3,3'-Dichlorobenzidine	ug/L	100	93.9	94	34-136	
3-Nitroaniline	ug/L	100	76.4	76	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	85.1	85	21-157	
4-Bromophenylphenyl ether	ug/L	50	39.5	79	38-130	
4-Chloro-3-methylphenol	ug/L	100	83.2	83	37-130	
4-Chloroaniline	ug/L	100	69.3	69	38-130	
4-Chlorophenylphenyl ether	ug/L	50	35.3	71	33-130	
4-Nitroaniline	ug/L	100	90.6	91	42-137	
4-Nitrophenol	ug/L	250	133	53	10-130	
Acenaphthene	ug/L	50	35.1	70	33-130	
Acenaphthylene	ug/L	50	36.7	73	35-130	
Aniline	ug/L	50	29.0	58	22-130	
Anthracene	ug/L	50	42.3	85	48-130	
Benzo(a)anthracene	ug/L	50	45.2	90	48-137	
Benzo(b)fluoranthene	ug/L	50	44.7	89	52-138	
Benzo(g,h,i)perylene	ug/L	50	44.8	90	48-140	
Benzo(k)fluoranthene	ug/L	50	42.8	86	48-139	
Benzoic Acid	ug/L	250	131	52	10-130	
Benzyl alcohol	ug/L	100	72.5	73	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.9	76	34-130	
bis(2-Chloroethyl) ether	ug/L	50	41.9	84	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.1	94	32-165	
Butylbenzylphthalate	ug/L	50	43.6	87	34-161	
Chrysene	ug/L	50	42.6	85	47-131	
Di-n-butylphthalate	ug/L	50	50.0	100	39-144	
Di-n-octylphthalate	ug/L	50	47.4	95	30-170	
Dibenz(a,h)anthracene	ug/L	50	45.7	91	49-138	
Dibenzofuran	ug/L	50	36.8	74	33-130	
Diethylphthalate	ug/L	50	41.9	84	38-131	
Dimethylphthalate	ug/L	50	39.3	79	37-130	
Fluoranthene	ug/L	50	44.1	88	46-137	
Fluorene	ug/L	50	37.9	76	37-130	
Hexachlorobenzene	ug/L	50	37.5	75	38-130	
Hexachlorocyclopentadiene	ug/L	50	22.6	45	10-130	
Hexachloroethane	ug/L	50	24.1	48	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.2	92	41-130	
Isophorone	ug/L	50	40.8	82	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.0	84	36-130	
N-Nitrosodimethylamine	ug/L	50	34.1	68	34-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3197929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	39.1	78	37-130	
Nitrobenzene	ug/L	50	40.2	80	36-130	
Pentachlorophenol	ug/L	100	73.3	73	23-149	
Phenanthrene	ug/L	50	40.0	80	44-130	
Phenol	ug/L	50	23.9	48	18-130	
Pyrene	ug/L	50	40.8	82	47-134	
2,4,6-Tribromophenol (S)	%			105	10-144	
2-Fluorobiphenyl (S)	%			67	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			83	10-144	
Phenol-d6 (S)	%			48	10-130	
Terphenyl-d14 (S)	%			105	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197930 3197931

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92527577001 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	3.4J	50	50	50	41.9	37.8	77	69	10-130	10	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	42.9	39.9	86	80	12-142	7	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	45.2	40.9	90	82	10-143	10	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	43.3	36.0	87	72	10-147	19	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	44.0	40.7	88	81	10-138	8	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	45.7	43.3	91	87	25-130	6	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	188	86.4	75	35	10-165	74	30 R1	
2,4-Dinitrotoluene	ug/L	ND	50	50	50	43.3	38.2	87	76	29-148	13	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	49.5	43.9	99	88	26-146	12	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	33.7	30.9	67	62	11-130	9	30	
2-Chlorophenol	ug/L	ND	50	50	50	41.1	38.9	82	78	10-133	6	30	
2-Methylnaphthalene	ug/L	ND	50	50	50	37.6	34.3	75	69	13-130	9	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	40.6	39.3	81	79	20-130	3	30	
2-Nitroaniline	ug/L	ND	100	100	100	89.5	82.2	90	82	24-136	9	30	
2-Nitrophenol	ug/L	ND	50	50	50	53.9	50.3	108	101	10-153	7	30 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	38.2	35.4	76	71	16-130	8	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	98.0	95.3	98	95	10-153	3	30	
3-Nitroaniline	ug/L	ND	100	100	100	85.2	80.7	85	81	22-151	5	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	93.1	64.3	93	64	10-180	37	30 R1	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	42.9	40.1	86	80	25-130	7	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	99.2	90.5	99	91	25-133	9	30	
4-Chloroaniline	ug/L	ND	100	100	100	84.1	77.5	84	78	14-132	8	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	39.9	35.1	80	70	19-130	13	30	
4-Nitroaniline	ug/L	ND	100	100	100	97.2	92.7	97	93	29-150	5	30	
4-Nitrophenol	ug/L	ND	250	250	250	139	94.7	55	38	10-130	38	30 R1	
Acenaphthene	ug/L	ND	50	50	50	40.9	37.0	79	71	16-130	10	30	
Acenaphthylene	ug/L	ND	50	50	50	41.0	37.2	82	74	15-137	10	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3197930												3197931											
Parameter	Units	92527577001		MS	MSD	MS		MSD		% Rec	% Rec	Limits	RPD	Max	RPD	Qual							
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec														
Aniline	ug/L	ND	50	50	50	29.9	32.5	60	65	10-130	8	30											
Anthracene	ug/L	ND	50	50	50	45.5	42.4	91	85	37-136	7	30											
Benzo(a)anthracene	ug/L	ND	50	50	50	48.8	46.1	98	92	40-145	6	30											
Benzo(b)fluoranthene	ug/L	ND	50	50	50	48.0	45.6	96	91	39-151	5	30											
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	47.2	45.8	94	92	40-147	3	30											
Benzo(k)fluoranthene	ug/L	ND	50	50	50	47.0	43.9	94	88	40-146	7	30											
Benzoic Acid	ug/L	ND	250	250	250	70.9	26.7J	28	11	10-130		30											
Benzyl alcohol	ug/L	ND	100	100	100	84.5	78.1	84	78	25-130	8	30											
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50	45.9	41.7	92	83	23-130	10	30											
bis(2-Chloroethyl) ether	ug/L	ND	50	50	50	49.2	46.9	98	94	25-130	5	30											
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	50	46.5	44.4	88	84	28-166	5	30											
Butylbenzylphthalate	ug/L	ND	50	50	50	45.8	43.8	92	88	33-165	4	30											
Chrysene	ug/L	ND	50	50	50	46.2	43.4	92	87	38-141	6	30											
Di-n-butylphthalate	ug/L	ND	50	50	50	49.5	47.2	99	94	32-153	5	30											
Di-n-octylphthalate	ug/L	ND	50	50	50	48.6	46.7	97	93	30-175	4	30											
Dibenz(a,h)anthracene	ug/L	ND	50	50	50	48.4	46.4	97	93	39-148	4	30											
Dibenzofuran	ug/L	ND	50	50	50	41.1	36.7	82	73	20-130	11	30											
Diethylphthalate	ug/L	ND	50	50	50	45.5	41.3	91	83	28-142	10	30											
Dimethylphthalate	ug/L	ND	50	50	50	43.2	39.2	86	78	26-136	10	30											
Fluoranthene	ug/L	ND	50	50	50	47.4	45.3	95	91	39-143	4	30											
Fluorene	ug/L	ND	50	50	50	43.3	38.6	87	77	24-132	12	30											
Hexachlorobenzene	ug/L	ND	50	50	50	40.1	38.3	80	77	29-130	5	30											
Hexachlorocyclopentadiene	ug/L	ND	50	50	50	23.8	22.2	48	44	10-130	7	30											
Hexachloroethane	ug/L	ND	50	50	50	29.0	27.7	58	55	10-130	5	30											
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	50	49.0	47.2	98	94	39-148	4	30											
Isophorone	ug/L	ND	50	50	50	48.6	44.0	97	88	23-130	10	30											
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	50	50.2	44.6	100	89	25-130	12	30											
N-Nitrosodimethylamine	ug/L	ND	50	50	50	39.0	37.5	78	75	22-130	4	30											
N-Nitrosodiphenylamine	ug/L	ND	50	50	50	42.7	40.6	85	81	26-134	5	30											
Nitrobenzene	ug/L	ND	50	50	50	45.9	44.1	92	88	25-130	4	30											
Pentachlorophenol	ug/L	ND	100	100	100	79.9	56.6	80	57	10-175	34	30	R1										
Phenanthrene	ug/L	ND	50	50	50	43.3	40.4	87	81	36-133	7	30											
Phenol	ug/L	ND	50	50	50	26.0	25.8	52	52	10-130	1	30											
Pyrene	ug/L	ND	50	50	50	45.3	41.6	91	83	40-143	8	30											
2,4,6-Tribromophenol (S)	%							109	100	10-144													
2-Fluorobiphenyl (S)	%							74	68	10-130													
2-Fluorophenol (S)	%							64	60	10-130													
Nitrobenzene-d5 (S)	%							94	89	10-144													
Phenol-d6 (S)	%							51	49	10-130													
Terphenyl-d14 (S)	%							113	103	34-163													

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch: 607096

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3198459

Matrix: Water

Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/17/21 22:03	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/17/21 22:03	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/17/21 22:03	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/17/21 22:03	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/17/21 22:03	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/17/21 22:03	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/17/21 22:03	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/17/21 22:03	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/17/21 22:03	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/17/21 22:03	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/17/21 22:03	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/17/21 22:03	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/17/21 22:03	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/17/21 22:03	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/17/21 22:03	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/17/21 22:03	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/17/21 22:03	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/17/21 22:03	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/17/21 22:03	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/17/21 22:03	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/17/21 22:03	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/17/21 22:03	
Acenaphthene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Acenaphthylene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Aniline	ug/L	ND	10.0	1.6	03/17/21 22:03	
Anthracene	ug/L	ND	10.0	2.3	03/17/21 22:03	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/17/21 22:03	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/17/21 22:03	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/17/21 22:03	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/17/21 22:03	
Benzoic Acid	ug/L	ND	50.0	3.4	03/17/21 22:03	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/17/21 22:03	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/17/21 22:03	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/17/21 22:03	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/17/21 22:03	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/17/21 22:03	
Chrysene	ug/L	ND	10.0	2.8	03/17/21 22:03	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

METHOD BLANK: 3198459

Matrix: Water

Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/17/21 22:03	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/17/21 22:03	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/17/21 22:03	
Dibenzofuran	ug/L	ND	10.0	2.1	03/17/21 22:03	
Diethylphthalate	ug/L	ND	10.0	2.0	03/17/21 22:03	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/17/21 22:03	
Fluoranthene	ug/L	ND	10.0	2.2	03/17/21 22:03	
Fluorene	ug/L	ND	10.0	2.1	03/17/21 22:03	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/17/21 22:03	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/17/21 22:03	
Hexachloroethane	ug/L	ND	10.0	1.4	03/17/21 22:03	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/17/21 22:03	
Isophorone	ug/L	ND	10.0	1.7	03/17/21 22:03	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/17/21 22:03	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/17/21 22:03	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/17/21 22:03	
Nitrobenzene	ug/L	ND	10.0	1.9	03/17/21 22:03	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/17/21 22:03	
Phenanthrene	ug/L	ND	10.0	2.0	03/17/21 22:03	
Phenol	ug/L	ND	10.0	1.4	03/17/21 22:03	
Pyrene	ug/L	ND	10.0	2.2	03/17/21 22:03	
2,4,6-Tribromophenol (S)	%	101	10-144		03/17/21 22:03	
2-Fluorobiphenyl (S)	%	89	10-130		03/17/21 22:03	
2-Fluorophenol (S)	%	65	10-130		03/17/21 22:03	
Nitrobenzene-d5 (S)	%	91	10-144		03/17/21 22:03	
Phenol-d6 (S)	%	48	10-130		03/17/21 22:03	
Terphenyl-d14 (S)	%	135	34-163		03/17/21 22:03	

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	37.5	75	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.1	94	28-130	
2,4,5-Trichlorophenol	ug/L	50	51.9	104	35-130	
2,4,6-Trichlorophenol	ug/L	50	49.3	99	31-130	
2,4-Dichlorophenol	ug/L	50	48.9	98	35-130	
2,4-Dimethylphenol	ug/L	50	44.5	89	34-130	
2,4-Dinitrophenol	ug/L	250	254	102	10-153	
2,4-Dinitrotoluene	ug/L	50	54.8	110	37-136	
2,6-Dinitrotoluene	ug/L	50	54.8	110	33-136	
2-Chloronaphthalene	ug/L	50	40.3	81	26-130	
2-Chlorophenol	ug/L	50	48.6	97	37-130	
2-Methylnaphthalene	ug/L	50	37.2	74	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	43.8	88	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	105	105	37-130	
2-Nitrophenol	ug/L	50	50.4	101	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.6	83	34-130	
3,3'-Dichlorobenzidine	ug/L	100	84.3	84	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	114	114	21-157	
4-Bromophenylphenyl ether	ug/L	50	57.0	114	38-130	
4-Chloro-3-methylphenol	ug/L	100	94.4	94	37-130	
4-Chloroaniline	ug/L	100	89.1	89	38-130	
4-Chlorophenylphenyl ether	ug/L	50	48.3	97	33-130	
4-Nitroaniline	ug/L	100	110	110	42-137	
4-Nitrophenol	ug/L	250	146	58	10-130	
Acenaphthene	ug/L	50	45.7	91	33-130	
Acenaphthylene	ug/L	50	47.8	96	35-130	
Aniline	ug/L	50	37.8	76	22-130	
Anthracene	ug/L	50	55.6	111	48-130	
Benzo(a)anthracene	ug/L	50	59.5	119	48-137	
Benzo(b)fluoranthene	ug/L	50	60.1	120	52-138	
Benzo(g,h,i)perylene	ug/L	50	57.2	114	48-140	
Benzo(k)fluoranthene	ug/L	50	58.0	116	48-139	
Benzoic Acid	ug/L	250	102	41	10-130	
Benzyl alcohol	ug/L	100	98.2	98	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	50.9	102	34-130	
bis(2-Chloroethyl) ether	ug/L	50	54.9	110	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	62.2	124	32-165	
Butylbenzylphthalate	ug/L	50	62.2	124	34-161	
Chrysene	ug/L	50	58.3	117	47-131	
Di-n-butylphthalate	ug/L	50	57.7	115	39-144	
Di-n-octylphthalate	ug/L	50	55.8	112	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.3	117	49-138	
Dibenzofuran	ug/L	50	49.4	99	33-130	
Diethylphthalate	ug/L	50	52.6	105	38-131	
Dimethylphthalate	ug/L	50	52.3	105	37-130	
Fluoranthene	ug/L	50	57.4	115	46-137	
Fluorene	ug/L	50	51.2	102	37-130	
Hexachlorobenzene	ug/L	50	53.3	107	38-130	
Hexachlorocyclopentadiene	ug/L	50	29.1	58	10-130	
Hexachloroethane	ug/L	50	32.4	65	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.2	116	41-130	
Isophorone	ug/L	50	49.1	98	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	53.6	107	36-130	
N-Nitrosodimethylamine	ug/L	50	43.8	88	34-130	
N-Nitrosodiphenylamine	ug/L	50	44.6	89	37-130	
Nitrobenzene	ug/L	50	48.3	97	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	55.0	110	44-130	
Phenol	ug/L	50	27.0	54	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

LABORATORY CONTROL SAMPLE: 3198460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.0	120	47-134	
2,4,6-Tribromophenol (S)	%			128	10-144	
2-Fluorobiphenyl (S)	%			104	10-130	
2-Fluorophenol (S)	%			77	10-130	
Nitrobenzene-d5 (S)	%			110	10-144	
Phenol-d6 (S)	%			58	10-130	
Terphenyl-d14 (S)	%			152	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3198461 3198462

Parameter	Units	MS 3198461		MSD 3198462		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92523431009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							MSD Result
1-Methylnaphthalene	ug/L	ND	50	50	33.2	40.4	66	81	10-130	20	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	35.2	39.6	70	79	12-142	12	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	1.9J	4.5J	4	9	10-143		30	M1
2,4,6-Trichlorophenol	ug/L	ND	50	50	ND	2.3J	2	5	10-147		30	M1
2,4-Dichlorophenol	ug/L	ND	50	50	2.2J	7.0J	4	14	10-138		30	M1
2,4-Dimethylphenol	ug/L	ND	50	50	35.8	53.0	72	106	25-130	39	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	8	0	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	39.5	46.1	79	92	29-148	15	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	42.7	47.6	85	95	26-146	11	30	
2-Chloronaphthalene	ug/L	ND	50	50	33.2	40.2	66	80	11-130	19	30	
2-Chlorophenol	ug/L	ND	50	50	2.3J	6.7J	5	13	10-133		30	M1
2-Methylnaphthalene	ug/L	ND	50	50	32.9	39.9	66	80	13-130	19	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	19.2	40.6	38	81	20-130	71	30	R1
2-Nitroaniline	ug/L	ND	100	100	89.7	95.9	90	96	24-136	7	30	
2-Nitrophenol	ug/L	ND	50	50	ND	ND	0	0	10-153		30	M1,v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	23.9	49.0	36	86	16-130	69	30	R1
3,3'-Dichlorobenzidine	ug/L	ND	100	100	84.4	92.7	84	93	10-153	9	30	
3-Nitroaniline	ug/L	ND	100	100	83.2	92.1	83	92	22-151	10	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	11.7J	12.1J	12	12	10-180		30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	46.2	50.7	92	101	25-130	9	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	36.4	76.7	36	77	25-133	71	30	R1
4-Chloroaniline	ug/L	ND	100	100	67.9	79.3	68	79	14-132	15	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	38.7	45.2	77	90	19-130	15	30	
4-Nitroaniline	ug/L	ND	100	100	90.1	97.2	90	97	29-150	8	30	
4-Nitrophenol	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	36.9	44.4	74	89	16-130	18	30	
Acenaphthylene	ug/L	ND	50	50	38.3	45.8	77	92	15-137	18	30	
Aniline	ug/L	ND	50	50	26.6	30.3	53	61	10-130	13	30	
Anthracene	ug/L	ND	50	50	47.6	51.8	95	104	37-136	8	30	
Benzo(a)anthracene	ug/L	ND	50	50	52.1	55.2	104	110	40-145	6	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	48.7	50.1	97	100	39-151	3	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	51.0	52.6	102	105	40-147	3	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Parameter	Units	3198461		3198462		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92523431009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	47.4	48.8	95	98	40-146	3	30		
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	85.9	105	86	105	25-130	20	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	37.1	44.2	74	88	23-130	17	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	42.1	47.9	84	96	25-130	13	30		
bis(2-Ethylhexyl)phthalate	ug/L	14.7	50	50	67.7	67.2	106	105	28-166	1	30		
Butylbenzylphthalate	ug/L	ND	50	50	49.9	52.4	100	105	33-165	5	30		
Chrysene	ug/L	ND	50	50	48.5	50.8	97	102	38-141	5	30		
Di-n-butylphthalate	ug/L	ND	50	50	52.4	54.8	105	110	32-153	4	30		
Di-n-octylphthalate	ug/L	ND	50	50	55.9	59.3	112	119	30-175	6	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	52.6	54.3	105	109	39-148	3	30		
Dibenzofuran	ug/L	ND	50	50	37.4	44.8	75	90	20-130	18	30		
Diethylphthalate	ug/L	ND	50	50	41.4	45.9	83	92	28-142	10	30		
Dimethylphthalate	ug/L	ND	50	50	37.6	43.7	75	87	26-136	15	30		
Fluoranthene	ug/L	ND	50	50	49.4	52.1	99	104	39-143	5	30		
Fluorene	ug/L	ND	50	50	39.6	46.3	79	93	24-132	16	30		
Hexachlorobenzene	ug/L	ND	50	50	39.3	44.5	79	89	29-130	12	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	19.2	21.5	38	43	10-130	11	30		
Hexachloroethane	ug/L	ND	50	50	26.7	31.0	53	62	10-130	15	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	53.2	54.3	106	109	39-148	2	30		
Isophorone	ug/L	ND	50	50	37.8	43.0	76	86	23-130	13	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	42.1	46.4	84	93	25-130	10	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	27.9	34.0	56	68	22-130	20	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	47.1	50.2	94	100	26-134	6	30		
Nitrobenzene	ug/L	ND	50	50	39.6	46.9	79	94	25-130	17	30		
Pentachlorophenol	ug/L	ND	100	100	28.3	45.2	28	45	10-175	46	30	R1	
Phenanthrene	ug/L	ND	50	50	45.1	49.0	90	98	36-133	8	30		
Phenol	ug/L	ND	50	50	4.2J	10J	8	20	10-130		30	M1	
Pyrene	ug/L	ND	50	50	48.1	50.9	96	102	40-143	6	30		
2,4,6-Tribromophenol (S)	%						11	21	10-144				
2-Fluorobiphenyl (S)	%						72	85	10-130				
2-Fluorophenol (S)	%						1	3	10-130			S0	
Nitrobenzene-d5 (S)	%						81	94	10-144				
Phenol-d6 (S)	%						6	20	10-130			S0	
Terphenyl-d14 (S)	%						117	124	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch:	606804	Analysis Method:	EPA 8270E by SIM
QC Batch Method:	EPA 3511	Analysis Description:	8270E 3511 Low Volume PAH SIM
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020		

METHOD BLANK:	3196901	Matrix:	Water
Associated Lab Samples:	92527577001, 92527577002, 92527577003, 92527577004, 92527577005, 92527577006, 92527577007, 92527577008, 92527577009, 92527577010, 92527577011, 92527577012, 92527577013, 92527577014, 92527577015, 92527577016, 92527577017, 92527577018, 92527577019, 92527577020		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/17/21 17:22	
2-Fluorobiphenyl (S)	%	114	61-163		03/17/21 17:22	
Nitrobenzene-d5 (S)	%	122	67-170		03/17/21 17:22	
Terphenyl-d14 (S)	%	108	62-169		03/17/21 17:22	

LABORATORY CONTROL SAMPLE: 3196902						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.2	90	70-130	
2-Fluorobiphenyl (S)	%			105	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			96	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196903												3196904	
Parameter	Units	92527577001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.4	2.0	96	79	50-165	20	30		
2-Fluorobiphenyl (S)	%						107	109	61-163				
Nitrobenzene-d5 (S)	%						118	105	67-170				
Terphenyl-d14 (S)	%						101	91	62-169				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606805 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511 Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196905 Matrix: Water
Associated Lab Samples: 92527577021, 92527577022, 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/17/21 13:45	
2-Fluorobiphenyl (S)	%	110	61-163		03/17/21 13:45	
Nitrobenzene-d5 (S)	%	120	67-170		03/17/21 13:45	
Terphenyl-d14 (S)	%	105	62-169		03/17/21 13:45	

LABORATORY CONTROL SAMPLE: 3196906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.6	106	70-130	
2-Fluorobiphenyl (S)	%			109	61-163	
Nitrobenzene-d5 (S)	%			115	67-170	
Terphenyl-d14 (S)	%			104	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196907 3196908

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92527577022	Spike Conc.	Spike Conc.	Result							Result
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.3	2.5	90	101	50-165	11	30	
2-Fluorobiphenyl (S)	%						109	118	61-163			
Nitrobenzene-d5 (S)	%						121	127	67-170			
Terphenyl-d14 (S)	%						97	103	62-169			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

QC Batch: 606776 Analysis Method: SM 4500-S2D-2011
 QC Batch Method: SM 4500-S2D-2011 Analysis Description: 4500S2D Sulfide Water
 Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196853 Matrix: Water
 Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	0.050	03/16/21 03:47	

LABORATORY CONTROL SAMPLE: 3196854

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	0.5	0.48	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196855 3196856

Parameter	Units	92526603002		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Sulfide	mg/L	ND	0.5	0.5	0.14	0.14	25	25	80-120	0	10	M1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196857 3196858

Parameter	Units	92527577024		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec				
Sulfide	mg/L	ND	0.5	0.5	0.51	0.51	101	101	80-120	0	10		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 606813 Analysis Method: EPA 300.0 Rev 2.1 1993
QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3196939 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Sulfate	mg/L	ND	1.0	0.50	03/16/21 17:28	

LABORATORY CONTROL SAMPLE: 3196940

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	50	47.4	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196941 3196942

Parameter	Units	92527577023		3196941		3196942		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result						
Sulfate	mg/L	34.0	50	50	81.4	81.6	95	95	90-110	0	10		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3196943 3196944

Parameter	Units	92526337009		3196943		3196944		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD Result						
Sulfate	mg/L	33.1	50	50	83.2	82.3	100	98	90-110	1	10		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

QC Batch: 607918 Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011 Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

METHOD BLANK: 3202356 Matrix: Water
Associated Lab Samples: 92527577023, 92527577024, 92527577025, 92527577026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	03/20/21 16:20	

LABORATORY CONTROL SAMPLE: 3202357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	25.8	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202358 3202359

Parameter	Units	3202358		3202359		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Total Organic Carbon	mg/L	ND	25	25	28.9	29.4	116	117	90-110	2	10 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3202360 3202361

Parameter	Units	3202360		3202361		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Total Organic Carbon	mg/L	ND	25	25	28.1	28.3	112	113	90-110	1	10 M1

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C8	Result may be biased high due to carryover from previously analyzed sample.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030495

Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577023	MW-13R_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577024	MW-15_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577025	MW-28_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577026	MW-43BR_WG_20210311	EPA 3010A	607050	EPA 6010D	607084
92527577023	MW-13R_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577024	MW-15_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577025	MW-28_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577026	MW-43BR_WG_20210311	EPA 3010A	606875	EPA 6010D	606886
92527577001	MW-7R_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577002	MW-9R_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577003	MW-16_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577004	MW-26_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577005	MW-27_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577006	MW-36S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577007	MW-36TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577008	MW-36BR_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577009	MW-37S_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577010	MW-37TZ_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577011	MW-37BR_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577012	MW-42S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577013	MW-42TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577014	MW-42BR_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577015	MW-35S_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577016	MW-35TZ_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577017	MW-35BR_WG_20210312	EPA 3510C	606974	EPA 8270E	607171
92527577018	MW-43S_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577019	MW-43TZ_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577020	FD-01_WG_20210311	EPA 3510C	606974	EPA 8270E	607171
92527577021	FB-02_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577022	FB-03_WG_20210312	EPA 3510C	607096	EPA 8270E	607379
92527577023	MW-13R_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577024	MW-15_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577025	MW-28_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577026	MW-43BR_WG_20210311	EPA 3510C	607096	EPA 8270E	607379
92527577001	MW-7R_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577002	MW-9R_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577003	MW-16_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577004	MW-26_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577005	MW-27_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577006	MW-36S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577007	MW-36TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577008	MW-36BR_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577009	MW-37S_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577010	MW-37TZ_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577011	MW-37BR_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577012	MW-42S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577013	MW-42TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577014	MW-42BR_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577015	MW-35S_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577016	MW-35TZ_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577017	MW-35BR_WG_20210312	EPA 3511	606804	EPA 8270E by SIM	606879
92527577018	MW-43S_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577019	MW-43TZ_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577020	FD-01_WG_20210311	EPA 3511	606804	EPA 8270E by SIM	606879
92527577021	FB-02_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577022	FB-03_WG_20210312	EPA 3511	606805	EPA 8270E by SIM	606878
92527577023	MW-13R_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577024	MW-15_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577025	MW-28_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577026	MW-43BR_WG_20210311	EPA 3511	606805	EPA 8270E by SIM	606878
92527577001	MW-7R_WG_20210311	EPA 8260D	606959		
92527577002	MW-9R_WG_20210311	EPA 8260D	606959		
92527577003	MW-16_WG_20210311	EPA 8260D	606965		
92527577004	MW-26_WG_20210311	EPA 8260D	606965		
92527577005	MW-27_WG_20210311	EPA 8260D	606965		
92527577006	MW-36S_WG_20210311	EPA 8260D	607966		
92527577007	MW-36TZ_WG_20210311	EPA 8260D	607966		
92527577008	MW-36BR_WG_20210311	EPA 8260D	606959		
92527577009	MW-37S_WG_20210312	EPA 8260D	606959		
92527577010	MW-37TZ_WG_20210312	EPA 8260D	606959		
92527577011	MW-37BR_WG_20210312	EPA 8260D	606959		
92527577012	MW-42S_WG_20210311	EPA 8260D	606959		
92527577013	MW-42TZ_WG_20210311	EPA 8260D	606959		
92527577014	MW-42BR_WG_20210311	EPA 8260D	606959		
92527577015	MW-35S_WG_20210312	EPA 8260D	606959		
92527577016	MW-35TZ_WG_20210312	EPA 8260D	606959		
92527577017	MW-35BR_WG_20210312	EPA 8260D	606959		
92527577018	MW-43S_WG_20210311	EPA 8260D	606959		
92527577019	MW-43TZ_WG_20210311	EPA 8260D	606959		
92527577020	FD-01_WG_20210311	EPA 8260D	606959		
92527577021	FB-02_WG_20210311	EPA 8260D	606959		
92527577022	FB-03_WG_20210312	EPA 8260D	606959		
92527577023	MW-13R_WG_20210311	EPA 8260D	606965		
92527577024	MW-15_WG_20210311	EPA 8260D	606965		
92527577025	MW-28_WG_20210311	EPA 8260D	606959		
92527577026	MW-43BR_WG_20210311	EPA 8260D	606959		
92527577027	TB-03_WG_20210311	EPA 8260D	606959		
92527577028	TB-04_WG_20210311	EPA 8260D	607260		
92527577029	TB-05_WG_20210312	EPA 8260D	607260		
92527577023	MW-13R_WG_20210311	SM 4500-S2D-2011	606776		
92527577024	MW-15_WG_20210311	SM 4500-S2D-2011	606776		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030495
Pace Project No.: 92527577

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92527577025	MW-28_WG_20210311	SM 4500-S2D-2011	606776		
92527577026	MW-43BR_WG_20210311	SM 4500-S2D-2011	606776		
92527577023	MW-13R_WG_20210311	EPA 300.0 Rev 2.1 1993	606813		
92527577024	MW-15_WG_20210311	EPA 300.0 Rev 2.1 1993	606813		
92527577025	MW-28_WG_20210311	EPA 300.0 Rev 2.1 1993	606813		
92527577026	MW-43BR_WG_20210311	EPA 300.0 Rev 2.1 1993	606813		
92527577023	MW-13R_WG_20210311	SM 5310B-2011	607918		
92527577024	MW-15_WG_20210311	SM 5310B-2011	607918		
92527577025	MW-28_WG_20210311	SM 5310B-2011	607918		
92527577026	MW-43BR_WG_20210311	SM 5310B-2011	607918		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Synterra

Project #:

WO#: 92527577



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *3-15-21*
AMK

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?

Yes No N/A

Thermometer:

IR Gun ID: *927004*

Type of Ice:

Wet Blue None

Cooler Temp: *2.8/0.4/3* Correction Factor: Add/Subtract (°C) *0.0°C*

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *2.8/0.4/3.5*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <i>WT</i>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person Contacted:

Date/Time:

Project Manager SCURF Review:

Date:

Project Manager SRF Review:

Date:

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project # **WO# : 92527577**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

PM: KLH1 Due Date: 03/19/21

**Bottom half of box is to list number of bottles

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	9	/	/	/	/	/	/	/	/	6	/	9
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	3	/	/	/	/	/	2	/	3
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	2	/	/	/	/	/	2	/	3
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	3	/	/	/	/	/	2	/	3
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	3

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy of using preserved samples, a copy of this form will be sent to the North Carolina DEHMR Certification Office (if out of hold, incorrect preservative, out of temp, incorrect containers).



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92527577

PM: KLH1

Due Date: 03/19/21

CLIENT: 92-Duke Ener

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGJU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	3	/	/	/	/	/	/	2	3	3
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	3	3

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2

Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO#: 92527577

PM: KLH1

Due Date: 03/19/21

CLIENT: 92-Duke Ener

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																3												
2																2												
3																2												
4																2												
5																3										2		3
6																												
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10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:

Company: Sytterra
Address: 148 River Street
Suite 220, Greenville, SC 29601
Email: king@sytterra.com
Phone: (803) 429-3688
Requested Due Date:

Section B

Report Project Information:

Report To: Tom King
Copy To:
Purchase Order #:
Project Name: Former Bramlette MGP Site
Project #:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Purchase Order #:
Pace Project Manager: Kevin Herring
Pace Profile #: 7754
Pace Analyticals.com

Page: 2 Of 4

Regulatory Agency

State / Location

SC

ITEM #	SAMPLE ID	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Residual Chlorine (Y/N)													
				START DATE	END DATE			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other			8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide	TRIP BLANKS				
13	MM-37TZ_WG_20210312	DW	WT	3/12/21	10:35	85	Unpreserved									X	X	X											010
14	MM-37BR_WG_20210312	WW	WT	3/12/21	14:57	85										X	X	X											011
15	MM-42S_WG_20210311	WW	WT	3/11/21	14:02	85										X	X	X											012
16	MM-42TZ_WG_20210311	WW	WT	3/11/21	14:34	85										X	X	X											013
17	MM-42BR_WG_20210311	WW	WT	3/11/21	15:24	85										X	X	X											014
18	MM-29S_WG		WT																										
19	MM-29TZ_WG		WT																										
20	MM-29BR_WG		WT																										
21	MM-34S_WG		WT																										
22	MM-34TZ_WG		WT																										
23	MM-34BR_WG		WT																										
24	MM-35S_WG_20210312		WT	3/12/21	09:34	85										X	X	X											615

MATRIX	CODE	MATRIX CODE	SAMPLE TYPE	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
DW	WT			3/12/21	10:35			3-12-21	11:37			3-12-21	11:37		28				
WW	WT			3/12/21	14:57			3-12-21	12:50			3-12-21	12:50						
WW	WT			3/11/21	14:02			3-12-21	14:45			3-12-21	14:45						
WW	WT			3/11/21	14:34			3-12-21	14:45			3-12-21	14:45						
WW	WT			3/11/21	15:24			3-12-21	14:45			3-12-21	14:45						

REINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
<i>Chelsa Rist</i>	3/12/21	11:37	<i>Chelsa Rist</i>	3-12-21	11:37	
<i>Chelsa Rist</i>	3/12/21	12:50	<i>Chelsa Rist</i>	3-12-21	12:50	
<i>Chelsa Rist</i>	3/12/21	14:45	<i>Chelsa Rist</i>	3-12-21	14:45	
<i>Chelsa Rist</i>	3/12/21	14:45	<i>Chelsa Rist</i>	3-12-21	14:45	

SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER:	DATE Signed:
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER:	DATE Signed:



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Synterra	Report To:	Tom King	Attention:	
Address:	148 River street Suite 220, Greenville, SC 29601	Copy To:		Company Name:	
Email:	king@synterracorp.com	Purchase Order #:		Address:	
Phone:	(803)429-3668	Project Name:	Former Bramlette MGP Site	Pace Project Manager:	Kevin.herring@paceelabs.com.
Requested Due Date:		Project #:		Pace Profile #:	7754
				Regulatory Agency SC	

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	Preservatives							Analyses Test								Residual Chlorine (Y/N)															
					START DATE TIME	END DATE TIME		# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Y/N	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn		TOC	Sulfate	Sulfide	TRIP BLANKS											
25	MM-3517Z_WG	WT			3/26/10	3/26/10	65											X	X	X																		
26	MM-358R_WG	WT			3/16/10	3/16/10	65											X	X	X																		
27	MM-43S_WG	WT			3/16/10	3/16/10	65											X	X	X																		
28	MM-43TZ_WG	WT			3/16/10	3/16/10	85											X	X	X																		
29	MM-43BR_WG	WT			3/16/10	3/16/10	156											X	X	X																		
30	MM-1_WG	WT																X	X	X																		
31	MM-21Z_WG	WT																X	X	X																		
32	MM-2BR_WG	WT																X	X	X																		
33	MM-3BR_WG	WT																X	X	X																		
34	MM-3BRL_WG	WT																X	X	X																		
35	MM-21_WG	WT																X	X	X																		
36	MM-21BR_WG	WT																X	X	X																		

Level 4 data report required

ADDITIONAL COMMENTS				RELINQUISHED BY / AFFILIATION				ACCEPTED BY / AFFILIATION				SAMPLE CONDITIONS			
TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
35	Y	N	Y	3/26/10	1137	3/12/11	1137	3/26/10	1250	3/12/11	1445	3/26/10	1250	3/26/10	1445
SAMPLER NAME AND SIGNATURE				SAMPLER NAME AND SIGNATURE				SAMPLER NAME AND SIGNATURE				SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:				PRINT Name of SAMPLER:				PRINT Name of SAMPLER:				PRINT Name of SAMPLER:			
SIGNATURE OF SAMPLER:				SIGNATURE OF SAMPLER:				SIGNATURE OF SAMPLER:				SIGNATURE OF SAMPLER:			
DATE Signed:				DATE Signed:				DATE Signed:				DATE Signed:			

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A

Required Client Information:
 Company: Synterra
 Address: 148 River street
 Suite 220, Greenville, SC 29601
 Email: King@synterracorp.com
 Phone: (803)429-3668
 Requested Due Date:

Section B

Required Project Information:
 Report To: Tom King
 Copy To:
 Purchase Order #:
 Project Name: Former Bramlette MGF Site
 Project #:

Section C

Invoice Information:
 Attention:
 Company Name:
 Address:
 Pace Quote:
 Pace Project Manager: kevin.herring@pacelabs.com
 Pace Profile #: 7754

Page: 4 of 4

Regulatory Agency:
 State / Location: SC

ITEM #	SAMPLE ID One Character per box, (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)									
						START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other	8260	8270	8270 SIM PAH LV	Total Fe, Mn	Dissolved Fe, Mn	TOC	Sulfate	Sulfide
61	MW-44TZ_WG	Drinking Water	DW		WT																							
62	MW-44BR_WG	Water	WT		WT																							
63	FD-01_WG	Waste Water	WW		WT																							
64	FD-02_WG	Product	P		WT																							
65	FD-03_WG	Soil/Solid	SL		WT																							
66	FB-02-WG	Oil	OL		WT																							
67	TR-03-WG	Wipe	WP		WT																							
68	TR-01-WG	Air	AR		WT																							
69	TR-05-WG	Other Tissue	OT		WT																							
70	FB-03-WG		FB		WT																							
71					WT																							
72					WT																							

ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS			
Level 4 data report required			Chelsa King		3/12/21	1:37	Chelsa King		3-12-21	1:37	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
			Chelsa King		3/12/21	1:25	Chelsa King		3-12-21	1:25	28	Y	N	Y
			Chelsa King		3/12/21	1:45	Kevin Herring		3-12-21	1:45	28	Y	N	Y

April 22, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92525329001	MW-49BR-WS_20210301	Water	03/01/21 17:20	03/03/21 10:50
92525329002	FB-03-WQ_20210301	Water	03/01/21 23:43	03/03/21 10:50
92525329003	MW-49BR-WS_20210302	Water	03/02/21 13:45	03/03/21 10:50
92525329004	FB-04-WQ_20210302	Water	03/02/21 14:00	03/03/21 10:50
92525329005	TB-04-WQ_20210302	Water	03/02/21 00:00	03/03/21 10:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92525329001	MW-49BR-WS_20210301	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92525329002	FB-03-WQ_20210301	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92525329003	MW-49BR-WS_20210302	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	SAS	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92525329004	FB-04-WQ_20210302	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	BSH	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
92525329005	TB-04-WQ_20210302	EPA 8260D	GAW	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
PASI-A = Pace Analytical Services - Asheville					
PASI-C = Pace Analytical Services - Charlotte					

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92525329001	MW-49BR-WS_20210301					
EPA 6010D	Calcium	7200	ug/L	100	04/14/21 14:25	
EPA 6010D	Iron	7220	ug/L	50.0	04/14/21 14:25	
EPA 6010D	Magnesium	2490	ug/L	100	04/14/21 14:25	
EPA 6010D	Manganese	105	ug/L	5.0	04/14/21 14:25	
EPA 6010D	Hardness, Total(SM 2340B)	28200	ug/L	662	04/14/21 14:25	
EPA 8270E	Acenaphthene	150	ug/L	100	04/19/21 16:01	H2
EPA 8270E	Acenaphthylene	66.0	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	Anthracene	9.6J	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	Dibenzofuran	16.3	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	Fluoranthene	3.1J	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	Fluorene	61.4	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	1-Methylnaphthalene	409	ug/L	100	04/19/21 16:01	H2
EPA 8270E	2-Methylnaphthalene	672	ug/L	100	04/19/21 16:01	H2
EPA 8270E	Phenanthrene	65.1	ug/L	10.0	04/19/21 15:24	H2
EPA 8270E	Pyrene	5.2J	ug/L	10.0	04/19/21 15:24	H2
EPA 8260D	Benzene	121	ug/L	20.0	04/16/21 00:33	H1
EPA 8260D	Ethylbenzene	95.3	ug/L	20.0	04/16/21 00:33	H1
EPA 8260D	Methylene Chloride	54.3J	ug/L	100	04/16/21 00:33	H1
EPA 8260D	Naphthalene	2590	ug/L	20.0	04/16/21 00:33	H1
EPA 8260D	Toluene	37.9	ug/L	20.0	04/16/21 00:33	H1
EPA 8260D	Xylene (Total)	75.4	ug/L	20.0	04/16/21 00:33	
EPA 8260D	m&p-Xylene	45.3	ug/L	40.0	04/16/21 00:33	H1
EPA 8260D	o-Xylene	30.1	ug/L	20.0	04/16/21 00:33	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	87.8	mg/L	5.0	04/13/21 17:59	H3
SM 2540C-2011	Total Dissolved Solids	154	mg/L	25.0	04/14/21 01:16	H1
SM 2540D-2011	Total Suspended Solids	3.3	mg/L	2.5	04/13/21 19:21	H1
SM 5210B-2011	BOD, 5 day	2.3	mg/L	2.0	04/19/21 10:05	H1,H2
SM 5310B-2011	Total Organic Carbon	2.6	mg/L	1.0	04/15/21 05:52	H1
92525329003	MW-49BR-WS_20210302					
EPA 6010D	Calcium	9150	ug/L	100	04/14/21 14:31	
EPA 6010D	Iron	8310	ug/L	50.0	04/14/21 14:31	
EPA 6010D	Magnesium	2740	ug/L	100	04/14/21 14:31	
EPA 6010D	Manganese	126	ug/L	5.0	04/14/21 14:31	
EPA 6010D	Hardness, Total(SM 2340B)	34100	ug/L	662	04/14/21 14:31	
EPA 8270E	Acenaphthene	223	ug/L	100	04/21/21 17:16	H2
EPA 8270E	Acenaphthylene	71.3	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Anthracene	12.8	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Dibenzofuran	21.8	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	2,4-Dimethylphenol	27.4	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Fluoranthene	4.4J	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Fluorene	81.6	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	1-Methylnaphthalene	565	ug/L	100	04/21/21 17:16	H2
EPA 8270E	2-Methylnaphthalene	962	ug/L	100	04/21/21 17:16	H2
EPA 8270E	Phenanthrene	86.6	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Phenol	2.2J	ug/L	10.0	04/21/21 15:08	H2
EPA 8270E	Pyrene	6.9J	ug/L	10.0	04/21/21 15:08	H2
EPA 8260D	Benzene	281	ug/L	25.0	04/19/21 20:14	H1

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92525329003	MW-49BR-WS_20210302					
EPA 8260D	Ethylbenzene	134	ug/L	25.0	04/19/21 20:14	H1
EPA 8260D	Naphthalene	2470	ug/L	25.0	04/19/21 20:14	H1
EPA 8260D	Toluene	36.7	ug/L	25.0	04/19/21 20:14	H1
EPA 8260D	Xylene (Total)	107	ug/L	25.0	04/19/21 20:14	
EPA 8260D	m&p-Xylene	64.2	ug/L	50.0	04/19/21 20:14	H1
EPA 8260D	o-Xylene	43.0	ug/L	25.0	04/19/21 20:14	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	117	mg/L	5.0	04/13/21 18:13	H3
SM 2540C-2011	Total Dissolved Solids	172	mg/L	25.0	04/14/21 01:16	H1
SM 5210B-2011	BOD, 5 day	3.4	mg/L	2.0	04/19/21 10:11	H1,H2
SM 5220D-2011	Chemical Oxygen Demand	18.9J	mg/L	25.0	04/20/21 05:43	H1,H2
SM 5310B-2011	Total Organic Carbon	3.9	mg/L	1.0	04/15/21 06:27	H1
92525329005	TB-04-WQ_20210302					
EPA 8260D	Methylene Chloride	2.2J	ug/L	5.0	04/15/21 23:21	H1

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: EPA 6010D

Description: 6010 MET ICP

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613328

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3228029)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

R1: RPD value was outside control limits.

- MSD (Lab ID: 3228030)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 22, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614497

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92533705001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3234040)
 - 2,4-Dinitrophenol
 - Benzoic Acid

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 22, 2021

QC Batch: 614497

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92533705001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3234041)
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3234041)
 - 4,6-Dinitro-2-methylphenol
 - Pentachlorophenol

QC Batch: 614745

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525994001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3235257)
 - 1-Methylnaphthalene
 - 2,4-Dinitrophenol
 - 2-Methylnaphthalene
 - Acenaphthene
 - Benzoic Acid
- MSD (Lab ID: 3235258)
 - 2-Methylnaphthalene
 - Acenaphthene
 - Benzoic Acid

QC Batch: 614955

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912011

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3236381)
 - 4-Bromophenylphenyl ether
 - Benzoic Acid
- MSD (Lab ID: 3236382)
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3236382)
 - 4,6-Dinitro-2-methylphenol
 - 4-Nitrophenol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 22, 2021

General Information:

5 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)
- TB-04-WQ_20210302 (Lab ID: 92525329005)

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3228523)
 - Chloroethane
- FB-03-WQ_20210301 (Lab ID: 92525329002)
 - Chloroethane
- FB-04-WQ_20210302 (Lab ID: 92525329004)
 - Chloroethane
- LCS (Lab ID: 3228524)
 - Chloroethane
- LCSD (Lab ID: 3230895)
 - Chloroethane

QC Batch: 614060

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3231905)
 - Chloroethane
- LCS (Lab ID: 3231906)
 - Chloroethane
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
 - Chloroethane
- TB-04-WQ_20210302 (Lab ID: 92525329005)
 - Chloroethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 22, 2021

QC Batch: 614332

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3233234)
 - Chloroethane
- LCS (Lab ID: 3233235)
 - Chloroethane
- MS (Lab ID: 3235440)
 - Chloroethane
- MSD (Lab ID: 3235441)
 - Chloroethane
- MW-49BR-WS_20210302 (Lab ID: 92525329003)
 - Chloroethane

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3228523)
 - Carbon tetrachloride
- FB-03-WQ_20210301 (Lab ID: 92525329002)
 - Carbon tetrachloride
- FB-04-WQ_20210302 (Lab ID: 92525329004)
 - Carbon tetrachloride
- LCS (Lab ID: 3228524)
 - Carbon tetrachloride
- LCSD (Lab ID: 3230895)
 - Carbon tetrachloride

QC Batch: 614060

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3231905)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- LCS (Lab ID: 3231906)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- TB-04-WQ_20210302 (Lab ID: 92525329005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 22, 2021

QC Batch: 614060

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- 2-Butanone (MEK)
- Acetone
- Chloroethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 614060

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3231906)
- Vinyl acetate

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614060

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524326002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3231907)
 - Naphthalene
- MSD (Lab ID: 3231908)
 - Naphthalene

QC Batch: 614332

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92533643009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3235440)
 - Benzene
 - Ethylbenzene
 - Naphthalene
 - Toluene
 - m&p-Xylene
 - o-Xylene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 22, 2021

QC Batch: 614332

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92533643009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3235441)
 - Benzene
 - Ethylbenzene
 - Naphthalene
 - Toluene
 - m&p-Xylene
 - o-Xylene

Additional Comments:

Analyte Comments:

QC Batch: 614332

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MS (Lab ID: 3235440)
 - m&p-Xylene
- MSD (Lab ID: 3235441)
 - m&p-Xylene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: SM 2320B-2011

Description: 2320B Alkalinity

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: SM 2540C-2011

Description: 2540C Total Dissolved Solids

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for SM 2540C-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: SM 2540D-2011

Description: 2540D Total Suspended Solids

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for SM 2540D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: SM 5210B-2011

Description: 5210B BOD, 5 day

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for SM 5210B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Sample Preparation:

The samples were prepared in accordance with with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Method: SM 5220D-2011
Description: 5220D COD
Client: Duke Energy
Date: April 22, 2021

General Information:

4 samples were analyzed for SM 5220D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Sample Preparation:

The samples were prepared in accordance with SM 5220D-2011 with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Method: SM 5310B-2011

Description: 5310B TOC

Client: Duke Energy

Date: April 22, 2021

General Information:

4 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-03-WQ_20210301 (Lab ID: 92525329002)
- FB-04-WQ_20210302 (Lab ID: 92525329004)
- MW-49BR-WS_20210301 (Lab ID: 92525329001)
- MW-49BR-WS_20210302 (Lab ID: 92525329003)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613721

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001,92525782002

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3230047)
 - Total Organic Carbon
- MSD (Lab ID: 3230048)
 - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Sample Project No.: 92525329

Sample: MW-49BR-WS_20210301 Lab ID: 92525329001 Collected: 03/01/21 17:20 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	7200	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:25	7440-70-2	
Iron	7220	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:25	7439-89-6	
Magnesium	2490	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:25	7439-95-4	
Manganese	105	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:25	7439-96-5	
Hardness, Total(SM 2340B)	28200	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:25		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	150	ug/L	100	20.1	10	04/18/21 10:32	04/19/21 16:01	83-32-9	H2
Acenaphthylene	66.0	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:24	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:24	62-53-3	H2
Anthracene	9.6J	ug/L	10.0	2.3	1	04/18/21 10:32	04/19/21 15:24	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/18/21 10:32	04/19/21 15:24	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/18/21 10:32	04/19/21 15:24	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/18/21 10:32	04/19/21 15:24	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/18/21 10:32	04/19/21 15:24	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/18/21 10:32	04/19/21 15:24	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/18/21 10:32	04/19/21 15:24	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/18/21 10:32	04/19/21 15:24	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/18/21 10:32	04/19/21 15:24	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/18/21 10:32	04/19/21 15:24	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/18/21 10:32	04/19/21 15:24	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/18/21 10:32	04/19/21 15:24	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:24	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:24	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:24	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:24	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/18/21 10:32	04/19/21 15:24	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/18/21 10:32	04/19/21 15:24	53-70-3	H2
Dibenzofuran	16.3	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:24	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/18/21 10:32	04/19/21 15:24	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:24	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:24	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:24	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:24	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:24	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/18/21 10:32	04/19/21 15:24	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/18/21 10:32	04/19/21 15:24	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:24	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:24	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/18/21 10:32	04/19/21 15:24	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/18/21 10:32	04/19/21 15:24	117-81-7	H2
Fluoranthene	3.1J	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:24	206-44-0	H2
Fluorene	61.4	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:24	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:24	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Sample Project No.: 92525329

Sample: MW-49BR-WS_20210301 Lab ID: 92525329001 Collected: 03/01/21 17:20 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:24	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:24	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/18/21 10:32	04/19/21 15:24	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:24	78-59-1	H2
1-Methylnaphthalene	409	ug/L	100	20.3	10	04/18/21 10:32	04/19/21 16:01	90-12-0	H2
2-Methylnaphthalene	672	ug/L	100	18.7	10	04/18/21 10:32	04/19/21 16:01	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:24	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:24	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/18/21 10:32	04/19/21 15:24	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/18/21 10:32	04/19/21 15:24	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/18/21 10:32	04/19/21 15:24	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:24	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:24	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/18/21 10:32	04/19/21 15:24	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:24	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/18/21 10:32	04/19/21 15:24	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/18/21 10:32	04/19/21 15:24	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:24	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/18/21 10:32	04/19/21 15:24	87-86-5	H2
Phenanthrene	65.1	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:24	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:24	108-95-2	H2
Pyrene	5.2J	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:24	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:24	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:24	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	96	%	10-144		1	04/18/21 10:32	04/19/21 15:24	4165-60-0	
2-Fluorobiphenyl (S)	87	%	10-130		1	04/18/21 10:32	04/19/21 15:24	321-60-8	
Terphenyl-d14 (S)	91	%	34-163		1	04/18/21 10:32	04/19/21 15:24	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	04/18/21 10:32	04/19/21 15:24	13127-88-3	
2-Fluorophenol (S)	72	%	10-130		1	04/18/21 10:32	04/19/21 15:24	367-12-4	
2,4,6-Tribromophenol (S)	119	%	10-144		1	04/18/21 10:32	04/19/21 15:24	118-79-6	

8260 MSV Low Level SC

Analytical Method: EPA 8260D
Pace Analytical Services - Charlotte

Acetone	ND	ug/L	500	102	20		04/16/21 00:33	67-64-1	H1,v1
Benzene	121	ug/L	20.0	6.9	20		04/16/21 00:33	71-43-2	H1
Bromobenzene	ND	ug/L	20.0	5.8	20		04/16/21 00:33	108-86-1	H1
Bromochloromethane	ND	ug/L	20.0	9.4	20		04/16/21 00:33	74-97-5	H1
Bromodichloromethane	ND	ug/L	20.0	6.1	20		04/16/21 00:33	75-27-4	H1
Bromoform	ND	ug/L	20.0	6.8	20		04/16/21 00:33	75-25-2	H1
Bromomethane	ND	ug/L	40.0	33.2	20		04/16/21 00:33	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	100	79.2	20		04/16/21 00:33	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	20.0	6.7	20		04/16/21 00:33	56-23-5	H1
Chlorobenzene	ND	ug/L	20.0	5.7	20		04/16/21 00:33	108-90-7	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: MW-49BR-WS_20210301 Lab ID: 92525329001 Collected: 03/01/21 17:20 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/L	20.0	13.0	20		04/16/21 00:33	75-00-3	H1,IK, v1
Chloroform	ND	ug/L	100	31.2	20		04/16/21 00:33	67-66-3	H1
Chloromethane	ND	ug/L	20.0	10.8	20		04/16/21 00:33	74-87-3	H1
2-Chlorotoluene	ND	ug/L	20.0	6.4	20		04/16/21 00:33	95-49-8	H1
4-Chlorotoluene	ND	ug/L	20.0	6.5	20		04/16/21 00:33	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	6.8	20		04/16/21 00:33	96-12-8	H1
Dibromochloromethane	ND	ug/L	20.0	7.2	20		04/16/21 00:33	124-48-1	H1
Dibromomethane	ND	ug/L	20.0	7.9	20		04/16/21 00:33	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	20.0	6.8	20		04/16/21 00:33	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	20.0	6.8	20		04/16/21 00:33	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	20.0	6.7	20		04/16/21 00:33	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	20.0	6.9	20		04/16/21 00:33	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	20.0	7.3	20		04/16/21 00:33	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	20.0	6.4	20		04/16/21 00:33	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	20.0	7.0	20		04/16/21 00:33	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	20.0	7.7	20		04/16/21 00:33	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	20.0	7.9	20		04/16/21 00:33	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	20.0	7.1	20		04/16/21 00:33	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	20.0	5.7	20		04/16/21 00:33	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	20.0	7.8	20		04/16/21 00:33	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	20.0	8.5	20		04/16/21 00:33	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		04/16/21 00:33	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	20.0	7.3	20		04/16/21 00:33	10061-02-6	H1
Diisopropyl ether	ND	ug/L	20.0	6.2	20		04/16/21 00:33	108-20-3	H1
Ethylbenzene	95.3	ug/L	20.0	6.1	20		04/16/21 00:33	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	40.0	30.6	20		04/16/21 00:33	87-68-3	H1
2-Hexanone	ND	ug/L	100	9.5	20		04/16/21 00:33	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	20.0	8.3	20		04/16/21 00:33	99-87-6	H1
Methylene Chloride	54.3J	ug/L	100	39.0	20		04/16/21 00:33	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	54.2	20		04/16/21 00:33	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	20.0	8.4	20		04/16/21 00:33	1634-04-4	H1
Naphthalene	2590	ug/L	20.0	12.9	20		04/16/21 00:33	91-20-3	H1
Styrene	ND	ug/L	20.0	5.8	20		04/16/21 00:33	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	6.2	20		04/16/21 00:33	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	4.5	20		04/16/21 00:33	79-34-5	H1
Tetrachloroethene	ND	ug/L	20.0	5.8	20		04/16/21 00:33	127-18-4	H1
Toluene	37.9	ug/L	20.0	9.7	20		04/16/21 00:33	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	20.0	16.1	20		04/16/21 00:33	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	20.0	12.8	20		04/16/21 00:33	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	20.0	6.6	20		04/16/21 00:33	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	20.0	6.5	20		04/16/21 00:33	79-00-5	H1
Trichloroethene	ND	ug/L	20.0	7.7	20		04/16/21 00:33	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	20.0	6.0	20		04/16/21 00:33	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	20.0	5.2	20		04/16/21 00:33	96-18-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Sample: MW-49BR-WS_20210301 Lab ID: 92525329001 Collected: 03/01/21 17:20 Received: 03/03/21 10:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Vinyl acetate	ND	ug/L	40.0	26.2	20		04/16/21 00:33	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	20.0	7.7	20		04/16/21 00:33	75-01-4	H1
Xylene (Total)	75.4	ug/L	20.0	6.8	20		04/16/21 00:33	1330-20-7	
m&p-Xylene	45.3	ug/L	40.0	14.2	20		04/16/21 00:33	179601-23-1	H1
o-Xylene	30.1	ug/L	20.0	6.8	20		04/16/21 00:33	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		20		04/16/21 00:33	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		20		04/16/21 00:33	17060-07-0	
Toluene-d8 (S)	108	%	70-130		20		04/16/21 00:33	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	87.8	mg/L	5.0	5.0	1		04/13/21 17:59		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	154	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	3.3	mg/L	2.5	2.5	1		04/13/21 19:21		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	2.3	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:05		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:42		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	2.6	mg/L	1.0	0.50	1		04/15/21 05:52	7440-44-0	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: FB-03-WQ_20210301 **Lab ID: 92525329002** Collected: 03/01/21 23:43 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:28	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:28	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:28	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:28	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:28		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:49	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/18/21 10:32	04/19/21 15:49	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/18/21 10:32	04/19/21 15:49	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/18/21 10:32	04/19/21 15:49	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/18/21 10:32	04/19/21 15:49	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/18/21 10:32	04/19/21 15:49	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/18/21 10:32	04/19/21 15:49	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/18/21 10:32	04/19/21 15:49	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/18/21 10:32	04/19/21 15:49	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/18/21 10:32	04/19/21 15:49	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/18/21 10:32	04/19/21 15:49	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/18/21 10:32	04/19/21 15:49	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/18/21 10:32	04/19/21 15:49	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:49	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:49	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:49	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/18/21 10:32	04/19/21 15:49	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/18/21 10:32	04/19/21 15:49	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:49	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/18/21 10:32	04/19/21 15:49	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:49	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:49	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:49	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:49	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/18/21 10:32	04/19/21 15:49	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/18/21 10:32	04/19/21 15:49	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:49	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:49	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/18/21 10:32	04/19/21 15:49	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/18/21 10:32	04/19/21 15:49	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:49	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/18/21 10:32	04/19/21 15:49	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:49	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: **FB-03-WQ_20210301** Lab ID: **92525329002** Collected: 03/01/21 23:43 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:49	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:49	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/18/21 10:32	04/19/21 15:49	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/18/21 10:32	04/19/21 15:49	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:49	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:49	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:49	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/18/21 10:32	04/19/21 15:49	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/18/21 10:32	04/19/21 15:49	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/18/21 10:32	04/19/21 15:49	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:49	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:49	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/18/21 10:32	04/19/21 15:49	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/18/21 10:32	04/19/21 15:49	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/18/21 10:32	04/19/21 15:49	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/18/21 10:32	04/19/21 15:49	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/18/21 10:32	04/19/21 15:49	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/18/21 10:32	04/19/21 15:49	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/18/21 10:32	04/19/21 15:49	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:49	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/18/21 10:32	04/19/21 15:49	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/18/21 10:32	04/19/21 15:49	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/18/21 10:32	04/19/21 15:49	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	100	%	10-144		1	04/18/21 10:32	04/19/21 15:49	4165-60-0	
2-Fluorobiphenyl (S)	97	%	10-130		1	04/18/21 10:32	04/19/21 15:49	321-60-8	
Terphenyl-d14 (S)	100	%	34-163		1	04/18/21 10:32	04/19/21 15:49	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	04/18/21 10:32	04/19/21 15:49	13127-88-3	
2-Fluorophenol (S)	73	%	10-130		1	04/18/21 10:32	04/19/21 15:49	367-12-4	
2,4,6-Tribromophenol (S)	115	%	10-144		1	04/18/21 10:32	04/19/21 15:49	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 14:41	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 14:41	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 14:41	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 14:41	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 14:41	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 14:41	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 14:41	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 14:41	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 14:41	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 14:41	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 14:41	75-00-3	H1,IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: **FB-03-WQ_20210301** Lab ID: **92525329002** Collected: 03/01/21 23:43 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/14/21 14:41	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/14/21 14:41	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:41	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:41	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/14/21 14:41	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/14/21 14:41	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/14/21 14:41	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:41	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:41	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/14/21 14:41	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/14/21 14:41	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/14/21 14:41	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:41	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/14/21 14:41	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:41	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/14/21 14:41	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/14/21 14:41	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/14/21 14:41	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/14/21 14:41	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/14/21 14:41	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:41	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:41	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/14/21 14:41	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/14/21 14:41	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/14/21 14:41	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/14/21 14:41	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/14/21 14:41	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/14/21 14:41	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/14/21 14:41	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/14/21 14:41	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/14/21 14:41	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/14/21 14:41	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/14/21 14:41	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/14/21 14:41	79-34-5	H1
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/14/21 14:41	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/14/21 14:41	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/14/21 14:41	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/14/21 14:41	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/14/21 14:41	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:41	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:41	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/14/21 14:41	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/14/21 14:41	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/14/21 14:41	108-05-4	H1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/14/21 14:41	75-01-4	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: FB-03-WQ_20210301 **Lab ID:** 92525329002 Collected: 03/01/21 23:43 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 14:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 14:41	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 14:41	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	109	%	70-130		1		04/14/21 14:41	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		04/14/21 14:41	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		04/14/21 14:41	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 18:10		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011									
Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	2.5	2.5	1		04/13/21 19:21		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011									
Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:08		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011									
Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:42		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		04/15/21 06:11	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: MW-49BR-WS_20210302 Lab ID: 92525329003 Collected: 03/02/21 13:45 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	9150	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:31	7440-70-2	
Iron	8310	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:31	7439-89-6	
Magnesium	2740	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:31	7439-95-4	
Manganese	126	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:31	7439-96-5	
Hardness, Total(SM 2340B)	34100	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:31		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	223	ug/L	100	20.1	10	04/20/21 15:43	04/21/21 17:16	83-32-9	H2
Acenaphthylene	71.3	ug/L	10.0	2.0	1	04/20/21 15:43	04/21/21 15:08	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/20/21 15:43	04/21/21 15:08	62-53-3	H2
Anthracene	12.8	ug/L	10.0	2.3	1	04/20/21 15:43	04/21/21 15:08	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/20/21 15:43	04/21/21 15:08	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/20/21 15:43	04/21/21 15:08	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/20/21 15:43	04/21/21 15:08	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/20/21 15:43	04/21/21 15:08	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/20/21 15:43	04/21/21 15:08	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/20/21 15:43	04/21/21 15:08	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/20/21 15:43	04/21/21 15:08	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/20/21 15:43	04/21/21 15:08	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/20/21 15:43	04/21/21 15:08	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/20/21 15:43	04/21/21 15:08	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/20/21 15:43	04/21/21 15:08	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/20/21 15:43	04/21/21 15:08	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/20/21 15:43	04/21/21 15:08	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/20/21 15:43	04/21/21 15:08	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/20/21 15:43	04/21/21 15:08	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/20/21 15:43	04/21/21 15:08	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/20/21 15:43	04/21/21 15:08	53-70-3	H2
Dibenzofuran	21.8	ug/L	10.0	2.1	1	04/20/21 15:43	04/21/21 15:08	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/20/21 15:43	04/21/21 15:08	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/20/21 15:43	04/21/21 15:08	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/20/21 15:43	04/21/21 15:08	84-66-2	H2
2,4-Dimethylphenol	27.4	ug/L	10.0	1.7	1	04/20/21 15:43	04/21/21 15:08	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/20/21 15:43	04/21/21 15:08	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/20/21 15:43	04/21/21 15:08	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/20/21 15:43	04/21/21 15:08	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/20/21 15:43	04/21/21 15:08	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/20/21 15:43	04/21/21 15:08	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/20/21 15:43	04/21/21 15:08	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/20/21 15:43	04/21/21 15:08	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/20/21 15:43	04/21/21 15:08	117-81-7	H2
Fluoranthene	4.4J	ug/L	10.0	2.2	1	04/20/21 15:43	04/21/21 15:08	206-44-0	H2
Fluorene	81.6	ug/L	10.0	2.1	1	04/20/21 15:43	04/21/21 15:08	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/20/21 15:43	04/21/21 15:08	118-74-1	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: MW-49BR-WS_20210302 Lab ID: 92525329003 Collected: 03/02/21 13:45 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/20/21 15:43	04/21/21 15:08	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/20/21 15:43	04/21/21 15:08	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/20/21 15:43	04/21/21 15:08	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/20/21 15:43	04/21/21 15:08	78-59-1	H2
1-Methylnaphthalene	565	ug/L	100	20.3	10	04/20/21 15:43	04/21/21 17:16	90-12-0	H2
2-Methylnaphthalene	962	ug/L	100	18.7	10	04/20/21 15:43	04/21/21 17:16	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/20/21 15:43	04/21/21 15:08	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/20/21 15:43	04/21/21 15:08	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/20/21 15:43	04/21/21 15:08	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/20/21 15:43	04/21/21 15:08	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/20/21 15:43	04/21/21 15:08	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/20/21 15:43	04/21/21 15:08	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/20/21 15:43	04/21/21 15:08	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/20/21 15:43	04/21/21 15:08	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/20/21 15:43	04/21/21 15:08	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/20/21 15:43	04/21/21 15:08	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/20/21 15:43	04/21/21 15:08	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/20/21 15:43	04/21/21 15:08	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/20/21 15:43	04/21/21 15:08	87-86-5	H2
Phenanthrene	86.6	ug/L	10.0	2.0	1	04/20/21 15:43	04/21/21 15:08	85-01-8	H2
Phenol	2.2J	ug/L	10.0	1.4	1	04/20/21 15:43	04/21/21 15:08	108-95-2	H2
Pyrene	6.9J	ug/L	10.0	2.2	1	04/20/21 15:43	04/21/21 15:08	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/20/21 15:43	04/21/21 15:08	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/20/21 15:43	04/21/21 15:08	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	115	%	10-144		1	04/20/21 15:43	04/21/21 15:08	4165-60-0	
2-Fluorobiphenyl (S)	105	%	10-130		1	04/20/21 15:43	04/21/21 15:08	321-60-8	
Terphenyl-d14 (S)	113	%	34-163		1	04/20/21 15:43	04/21/21 15:08	1718-51-0	
Phenol-d6 (S)	63	%	10-130		1	04/20/21 15:43	04/21/21 15:08	13127-88-3	
2-Fluorophenol (S)	81	%	10-130		1	04/20/21 15:43	04/21/21 15:08	367-12-4	
2,4,6-Tribromophenol (S)	135	%	10-144		1	04/20/21 15:43	04/21/21 15:08	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	625	128	25		04/19/21 20:14	67-64-1	H1
Benzene	281	ug/L	25.0	8.6	25		04/19/21 20:14	71-43-2	H1
Bromobenzene	ND	ug/L	25.0	7.2	25		04/19/21 20:14	108-86-1	H1
Bromochloromethane	ND	ug/L	25.0	11.7	25		04/19/21 20:14	74-97-5	H1
Bromodichloromethane	ND	ug/L	25.0	7.7	25		04/19/21 20:14	75-27-4	H1
Bromoform	ND	ug/L	25.0	8.5	25		04/19/21 20:14	75-25-2	H1
Bromomethane	ND	ug/L	50.0	41.5	25		04/19/21 20:14	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	125	99.0	25		04/19/21 20:14	78-93-3	H1
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		04/19/21 20:14	56-23-5	H1
Chlorobenzene	ND	ug/L	25.0	7.1	25		04/19/21 20:14	108-90-7	H1
Chloroethane	ND	ug/L	25.0	16.2	25		04/19/21 20:14	75-00-3	H1,IK

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Sample: MW-49BR-WS_20210302 Lab ID: 92525329003 Collected: 03/02/21 13:45 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	125	39.0	25		04/19/21 20:14	67-66-3	H1
Chloromethane	ND	ug/L	25.0	13.5	25		04/19/21 20:14	74-87-3	H1
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		04/19/21 20:14	95-49-8	H1
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		04/19/21 20:14	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		04/19/21 20:14	96-12-8	H1
Dibromochloromethane	ND	ug/L	25.0	9.0	25		04/19/21 20:14	124-48-1	H1
Dibromomethane	ND	ug/L	25.0	9.8	25		04/19/21 20:14	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/19/21 20:14	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/19/21 20:14	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		04/19/21 20:14	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		04/19/21 20:14	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		04/19/21 20:14	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		04/19/21 20:14	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		04/19/21 20:14	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		04/19/21 20:14	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		04/19/21 20:14	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		04/19/21 20:14	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		04/19/21 20:14	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		04/19/21 20:14	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		04/19/21 20:14	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/19/21 20:14	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/19/21 20:14	10061-02-6	H1
Diisopropyl ether	ND	ug/L	25.0	7.7	25		04/19/21 20:14	108-20-3	H1
Ethylbenzene	134	ug/L	25.0	7.6	25		04/19/21 20:14	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		04/19/21 20:14	87-68-3	H1
2-Hexanone	ND	ug/L	125	11.9	25		04/19/21 20:14	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		04/19/21 20:14	99-87-6	H1
Methylene Chloride	ND	ug/L	125	48.8	25		04/19/21 20:14	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		04/19/21 20:14	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		04/19/21 20:14	1634-04-4	H1
Naphthalene	2470	ug/L	25.0	16.1	25		04/19/21 20:14	91-20-3	H1
Styrene	ND	ug/L	25.0	7.3	25		04/19/21 20:14	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		04/19/21 20:14	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		04/19/21 20:14	79-34-5	H1
Tetrachloroethene	ND	ug/L	25.0	7.3	25		04/19/21 20:14	127-18-4	H1
Toluene	36.7	ug/L	25.0	12.1	25		04/19/21 20:14	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		04/19/21 20:14	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		04/19/21 20:14	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		04/19/21 20:14	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		04/19/21 20:14	79-00-5	H1
Trichloroethene	ND	ug/L	25.0	9.6	25		04/19/21 20:14	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		04/19/21 20:14	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		04/19/21 20:14	96-18-4	H1
Vinyl acetate	ND	ug/L	50.0	32.8	25		04/19/21 20:14	108-05-4	H1
Vinyl chloride	ND	ug/L	25.0	9.6	25		04/19/21 20:14	75-01-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Sample: MW-49BR-WS_20210302 Lab ID: 92525329003 Collected: 03/02/21 13:45 Received: 03/03/21 10:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Xylene (Total)	107	ug/L	25.0	8.4	25		04/19/21 20:14	1330-20-7	
m&p-Xylene	64.2	ug/L	50.0	17.7	25		04/19/21 20:14	179601-23-1	H1
o-Xylene	43.0	ug/L	25.0	8.4	25		04/19/21 20:14	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		25		04/19/21 20:14	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		25		04/19/21 20:14	17060-07-0	
Toluene-d8 (S)	101	%	70-130		25		04/19/21 20:14	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	117	mg/L	5.0	5.0	1		04/13/21 18:13		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	172	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	2.5	2.5	1		04/13/21 19:22		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	3.4	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:11		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	18.9J	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:43		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	3.9	mg/L	1.0	0.50	1		04/15/21 06:27	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: FB-04-WQ_20210302 **Lab ID: 92525329004** Collected: 03/02/21 14:00 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:34	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:34	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:34	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:34	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:34		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/20/21 07:23	04/20/21 13:21	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/20/21 07:23	04/20/21 13:21	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/20/21 07:23	04/20/21 13:21	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/20/21 07:23	04/20/21 13:21	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/20/21 07:23	04/20/21 13:21	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/20/21 07:23	04/20/21 13:21	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/20/21 07:23	04/20/21 13:21	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/20/21 07:23	04/20/21 13:21	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/20/21 07:23	04/20/21 13:21	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/20/21 07:23	04/20/21 13:21	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/20/21 07:23	04/20/21 13:21	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/20/21 07:23	04/20/21 13:21	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/20/21 07:23	04/20/21 13:21	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/20/21 07:23	04/20/21 13:21	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/20/21 07:23	04/20/21 13:21	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/20/21 07:23	04/20/21 13:21	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/20/21 07:23	04/20/21 13:21	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/20/21 07:23	04/20/21 13:21	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/20/21 07:23	04/20/21 13:21	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/20/21 07:23	04/20/21 13:21	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/20/21 07:23	04/20/21 13:21	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/20/21 07:23	04/20/21 13:21	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/20/21 07:23	04/20/21 13:21	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/20/21 07:23	04/20/21 13:21	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/20/21 07:23	04/20/21 13:21	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/20/21 07:23	04/20/21 13:21	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/20/21 07:23	04/20/21 13:21	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/20/21 07:23	04/20/21 13:21	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/20/21 07:23	04/20/21 13:21	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/20/21 07:23	04/20/21 13:21	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/20/21 07:23	04/20/21 13:21	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/20/21 07:23	04/20/21 13:21	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/20/21 07:23	04/20/21 13:21	118-74-1	H2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: FB-04-WQ_20210302 **Lab ID: 92525329004** Collected: 03/02/21 14:00 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/20/21 07:23	04/20/21 13:21	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/20/21 07:23	04/20/21 13:21	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/20/21 07:23	04/20/21 13:21	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/20/21 07:23	04/20/21 13:21	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/20/21 07:23	04/20/21 13:21	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/20/21 07:23	04/20/21 13:21	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/20/21 07:23	04/20/21 13:21	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/20/21 07:23	04/20/21 13:21	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/20/21 07:23	04/20/21 13:21	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/20/21 07:23	04/20/21 13:21	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/20/21 07:23	04/20/21 13:21	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/20/21 07:23	04/20/21 13:21	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/20/21 07:23	04/20/21 13:21	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/20/21 07:23	04/20/21 13:21	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/20/21 07:23	04/20/21 13:21	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/20/21 07:23	04/20/21 13:21	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/20/21 07:23	04/20/21 13:21	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/20/21 07:23	04/20/21 13:21	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/20/21 07:23	04/20/21 13:21	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/20/21 07:23	04/20/21 13:21	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/20/21 07:23	04/20/21 13:21	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/20/21 07:23	04/20/21 13:21	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/20/21 07:23	04/20/21 13:21	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	80	%	10-144		1	04/20/21 07:23	04/20/21 13:21	4165-60-0	
2-Fluorobiphenyl (S)	64	%	10-130		1	04/20/21 07:23	04/20/21 13:21	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/20/21 07:23	04/20/21 13:21	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/20/21 07:23	04/20/21 13:21	13127-88-3	
2-Fluorophenol (S)	58	%	10-130		1	04/20/21 07:23	04/20/21 13:21	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	04/20/21 07:23	04/20/21 13:21	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 14:59	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 14:59	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 14:59	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 14:59	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 14:59	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 14:59	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 14:59	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 14:59	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 14:59	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 14:59	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 14:59	75-00-3	H1,IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: **FB-04-WQ_20210302** Lab ID: **92525329004** Collected: 03/02/21 14:00 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/14/21 14:59	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/14/21 14:59	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:59	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 14:59	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/14/21 14:59	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/14/21 14:59	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/14/21 14:59	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:59	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 14:59	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/14/21 14:59	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/14/21 14:59	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/14/21 14:59	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:59	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/14/21 14:59	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:59	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/14/21 14:59	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/14/21 14:59	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/14/21 14:59	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/14/21 14:59	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/14/21 14:59	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:59	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 14:59	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/14/21 14:59	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/14/21 14:59	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/14/21 14:59	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/14/21 14:59	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/14/21 14:59	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/14/21 14:59	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/14/21 14:59	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/14/21 14:59	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/14/21 14:59	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/14/21 14:59	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/14/21 14:59	630-20-6	H1
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/14/21 14:59	79-34-5	H1
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/14/21 14:59	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/14/21 14:59	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/14/21 14:59	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/14/21 14:59	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/14/21 14:59	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 14:59	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 14:59	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/14/21 14:59	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/14/21 14:59	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/14/21 14:59	108-05-4	H1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/14/21 14:59	75-01-4	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Sample: FB-04-WQ_20210302	Lab ID: 92525329004	Collected: 03/02/21 14:00	Received: 03/03/21 10:50	Matrix: Water					
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 14:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 14:59	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 14:59	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/14/21 14:59	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-130		1		04/14/21 14:59	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		04/14/21 14:59	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 18:25		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	2.5	2.5	1		04/13/21 19:22		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:14		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/20/21 02:22	04/20/21 05:43		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		04/15/21 06:46	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: TB-04-WQ_20210302 Lab ID: 92525329005 Collected: 03/02/21 00:00 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/15/21 23:21	67-64-1	H1,v1
Benzene	ND	ug/L	1.0	0.34	1		04/15/21 23:21	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/15/21 23:21	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/15/21 23:21	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/15/21 23:21	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/15/21 23:21	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/15/21 23:21	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/15/21 23:21	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/15/21 23:21	56-23-5	H1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/15/21 23:21	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/15/21 23:21	75-00-3	H1,IK,v1
Chloroform	ND	ug/L	5.0	1.6	1		04/15/21 23:21	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/15/21 23:21	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/15/21 23:21	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/15/21 23:21	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/15/21 23:21	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/15/21 23:21	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/15/21 23:21	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/15/21 23:21	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/15/21 23:21	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/15/21 23:21	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/15/21 23:21	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/15/21 23:21	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/15/21 23:21	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/15/21 23:21	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/15/21 23:21	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/15/21 23:21	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/15/21 23:21	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/15/21 23:21	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/15/21 23:21	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/15/21 23:21	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/15/21 23:21	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/15/21 23:21	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/15/21 23:21	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/15/21 23:21	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/15/21 23:21	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/15/21 23:21	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/15/21 23:21	99-87-6	H1
Methylene Chloride	2.2J	ug/L	5.0	2.0	1		04/15/21 23:21	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/15/21 23:21	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/15/21 23:21	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/15/21 23:21	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/15/21 23:21	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/15/21 23:21	630-20-6	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Sample: TB-04-WQ_20210302 **Lab ID: 92525329005** Collected: 03/02/21 00:00 Received: 03/03/21 10:50 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/15/21 23:21	79-34-5	H1
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/15/21 23:21	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/15/21 23:21	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/15/21 23:21	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/15/21 23:21	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/15/21 23:21	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/15/21 23:21	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/15/21 23:21	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/15/21 23:21	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/15/21 23:21	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/15/21 23:21	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/15/21 23:21	75-01-4	H1
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/15/21 23:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/15/21 23:21	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/15/21 23:21	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/15/21 23:21	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		04/15/21 23:21	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		04/15/21 23:21	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch: 613328	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3228027 Matrix: Water

Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	ug/L	ND	100	94.2	04/14/21 13:35	
Hardness, Total(SM 2340B)	ug/L	178J	662	131	04/14/21 13:35	
Iron	ug/L	ND	50.0	41.5	04/14/21 13:35	
Magnesium	ug/L	ND	100	67.8	04/14/21 13:35	
Manganese	ug/L	ND	5.0	3.4	04/14/21 13:35	

LABORATORY CONTROL SAMPLE: 3228028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	5000	4610	92	80-120	
Hardness, Total(SM 2340B)	ug/L	33100	30800	93	80-120	
Iron	ug/L	5000	4850	97	80-120	
Magnesium	ug/L	5000	4690	94	80-120	
Manganese	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228029 3228030

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92524321001 Result	Spike Conc.	Spike Conc.	Result							Result
Calcium	ug/L	ND	5000	5000	2370	4700	46	93	75-125	66	20	M1,R1
Hardness, Total(SM 2340B)	ug/L	252J	33100	33100	15900	31600	47	95	75-125	66		
Iron	ug/L	49.4J	5000	5000	2090	4970	41	98	75-125	82	20	M1,R1
Magnesium	ug/L	ND	5000	5000	2420	4830	48	96	75-125	67	20	M1,R1
Manganese	ug/L	ND	500	500	167	473	33	94	75-125	96	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
 Pace Project No.: 92525329

QC Batch: 613412 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329002, 92525329004

METHOD BLANK: 3228523 Matrix: Water

Associated Lab Samples: 92525329002, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/14/21 12:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/14/21 12:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/14/21 12:34	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/14/21 12:34	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/14/21 12:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/14/21 12:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/14/21 12:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/14/21 12:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/14/21 12:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/14/21 12:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/14/21 12:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/14/21 12:34	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/14/21 12:34	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/14/21 12:34	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
2-Hexanone	ug/L	ND	5.0	0.48	04/14/21 12:34	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/14/21 12:34	
Acetone	ug/L	ND	25.0	5.1	04/14/21 12:34	
Benzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromobenzene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Bromochloromethane	ug/L	ND	1.0	0.47	04/14/21 12:34	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
Bromoform	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromomethane	ug/L	ND	2.0	1.7	04/14/21 12:34	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/14/21 12:34	v1
Chlorobenzene	ug/L	ND	1.0	0.28	04/14/21 12:34	
Chloroethane	ug/L	ND	1.0	0.65	04/14/21 12:34	IK
Chloroform	ug/L	ND	5.0	1.6	04/14/21 12:34	
Chloromethane	ug/L	ND	1.0	0.54	04/14/21 12:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromomethane	ug/L	ND	1.0	0.39	04/14/21 12:34	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/14/21 12:34	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

METHOD BLANK: 3228523 Matrix: Water
Associated Lab Samples: 92525329002, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/14/21 12:34	
Ethylbenzene	ug/L	ND	1.0	0.30	04/14/21 12:34	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/14/21 12:34	
m&p-Xylene	ug/L	ND	2.0	0.71	04/14/21 12:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/14/21 12:34	
Methylene Chloride	ug/L	ND	5.0	2.0	04/14/21 12:34	
Naphthalene	ug/L	ND	1.0	0.64	04/14/21 12:34	
o-Xylene	ug/L	ND	1.0	0.34	04/14/21 12:34	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/14/21 12:34	
Styrene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Toluene	ug/L	ND	1.0	0.48	04/14/21 12:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/14/21 12:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Trichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/14/21 12:34	
Vinyl acetate	ug/L	ND	2.0	1.3	04/14/21 12:34	
Vinyl chloride	ug/L	ND	1.0	0.39	04/14/21 12:34	
Xylene (Total)	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane-d4 (S)	%	117	70-130		04/14/21 12:34	
4-Bromofluorobenzene (S)	%	107	70-130		04/14/21 12:34	
Toluene-d8 (S)	%	98	70-130		04/14/21 12:34	

LABORATORY CONTROL SAMPLE & LCSD: 3228524 3230895

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.1	58.5	110	117	70-130	6	30	
1,1,1-Trichloroethane	ug/L	50	55.1	57.3	110	115	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	52.2	101	104	70-130	3	30	
1,1,2-Trichloroethane	ug/L	50	51.6	51.8	103	104	70-130	0	30	
1,1-Dichloroethane	ug/L	50	48.0	49.7	96	99	70-130	3	30	
1,1-Dichloroethene	ug/L	50	52.8	53.9	106	108	70-130	2	30	
1,1-Dichloropropene	ug/L	50	48.7	52.6	97	105	70-130	8	30	
1,2,3-Trichlorobenzene	ug/L	50	56.6	56.8	113	114	70-130	0	30	
1,2,3-Trichloropropane	ug/L	50	52.8	54.0	106	108	70-130	2	30	
1,2,4-Trichlorobenzene	ug/L	50	56.5	58.3	113	117	70-130	3	30	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	55.0	108	110	70-130	2	30	
1,2-Dichlorobenzene	ug/L	50	53.3	55.5	107	111	70-130	4	30	
1,2-Dichloroethane	ug/L	50	54.3	55.8	109	112	70-130	3	30	
1,2-Dichloropropane	ug/L	50	46.4	46.9	93	94	70-130	1	30	
1,3-Dichlorobenzene	ug/L	50	53.0	54.1	106	108	70-130	2	30	
1,3-Dichloropropane	ug/L	50	52.1	54.4	104	109	70-130	4	30	
1,4-Dichlorobenzene	ug/L	50	52.2	53.5	104	107	70-130	2	30	
2,2-Dichloropropane	ug/L	50	55.7	59.1	111	118	70-130	6	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE & LCSD: 3228524		3230895									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
2-Butanone (MEK)	ug/L	100	103	102	103	102	70-130	1	30		
2-Chlorotoluene	ug/L	50	52.0	54.9	104	110	70-130	5	30		
2-Hexanone	ug/L	100	107	112	107	112	70-130	4	30		
4-Chlorotoluene	ug/L	50	51.4	53.2	103	106	70-130	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	109	106	109	70-130	2	30		
Acetone	ug/L	100	101	101	101	101	70-130	0	30		
Benzene	ug/L	50	46.8	48.5	94	97	70-130	3	30		
Bromobenzene	ug/L	50	52.9	53.7	106	107	70-130	1	30		
Bromochloromethane	ug/L	50	47.6	49.2	95	98	70-130	3	30		
Bromodichloromethane	ug/L	50	51.3	52.9	103	106	70-130	3	30		
Bromoform	ug/L	50	58.4	61.3	117	123	70-130	5	30		
Bromomethane	ug/L	50	46.0	48.5	92	97	70-130	5	30		
Carbon tetrachloride	ug/L	50	58.1	60.1	116	120	70-130	3	30 v1		
Chlorobenzene	ug/L	50	52.1	53.8	104	108	70-130	3	30		
Chloroethane	ug/L	50	40.3	45.6	81	91	70-130	12	30 IK		
Chloroform	ug/L	50	49.0	49.1	98	98	70-130	0	30		
Chloromethane	ug/L	50	38.8	41.3	78	83	70-130	6	30		
cis-1,2-Dichloroethene	ug/L	50	48.4	48.5	97	97	70-130	0	30		
cis-1,3-Dichloropropene	ug/L	50	50.2	51.4	100	103	70-130	2	30		
Dibromochloromethane	ug/L	50	58.2	58.8	116	118	70-130	1	30		
Dibromomethane	ug/L	50	53.4	55.3	107	111	70-130	3	30		
Dichlorodifluoromethane	ug/L	50	47.6	48.9	95	98	70-130	3	30		
Diisopropyl ether	ug/L	50	45.2	46.6	90	93	70-130	3	30		
Ethylbenzene	ug/L	50	50.8	54.1	102	108	70-130	6	30		
Hexachloro-1,3-butadiene	ug/L	50	55.7	58.0	111	116	70-130	4	30		
m&p-Xylene	ug/L	100	109	112	109	112	70-130	3	30		
Methyl-tert-butyl ether	ug/L	50	50.7	52.5	101	105	70-130	3	30		
Methylene Chloride	ug/L	50	44.2	45.2	88	90	70-130	2	30		
Naphthalene	ug/L	50	53.7	55.5	107	111	70-130	3	30		
o-Xylene	ug/L	50	51.4	53.4	103	107	70-130	4	30		
p-Isopropyltoluene	ug/L	50	49.9	52.4	100	105	70-130	5	30		
Styrene	ug/L	50	53.1	55.3	106	111	70-130	4	30		
Tetrachloroethene	ug/L	50	52.5	54.7	105	109	70-130	4	30		
Toluene	ug/L	50	47.7	49.5	95	99	70-130	4	30		
trans-1,2-Dichloroethene	ug/L	50	47.1	49.2	94	98	70-130	4	30		
trans-1,3-Dichloropropene	ug/L	50	51.8	53.7	104	107	70-130	3	30		
Trichloroethene	ug/L	50	52.5	53.0	105	106	70-130	1	30		
Trichlorofluoromethane	ug/L	50	50.6	51.7	101	103	70-130	2	30		
Vinyl acetate	ug/L	100	108	112	108	112	70-130	4	30		
Vinyl chloride	ug/L	50	38.5	39.6	77	79	70-130	3	30		
Xylene (Total)	ug/L	150	160	165	107	110	70-130	3	30		
1,2-Dichloroethane-d4 (S)	%				107	113	70-130				
4-Bromofluorobenzene (S)	%				107	108	70-130				
Toluene-d8 (S)	%				96	98	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

QC Batch: 614060 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329001, 92525329005

METHOD BLANK: 3231905 Matrix: Water
Associated Lab Samples: 92525329001, 92525329005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/15/21 15:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/15/21 15:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/15/21 15:33	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/15/21 15:33	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/15/21 15:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/15/21 15:33	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/15/21 15:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/15/21 15:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/15/21 15:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/15/21 15:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/15/21 15:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/15/21 15:33	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/15/21 15:33	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/15/21 15:33	v1
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
2-Hexanone	ug/L	ND	5.0	0.48	04/15/21 15:33	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/15/21 15:33	
Acetone	ug/L	ND	25.0	5.1	04/15/21 15:33	v1
Benzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromobenzene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Bromochloromethane	ug/L	ND	1.0	0.47	04/15/21 15:33	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
Bromoform	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromomethane	ug/L	ND	2.0	1.7	04/15/21 15:33	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/15/21 15:33	
Chlorobenzene	ug/L	ND	1.0	0.28	04/15/21 15:33	
Chloroethane	ug/L	ND	1.0	0.65	04/15/21 15:33	IK,v1
Chloroform	ug/L	ND	5.0	1.6	04/15/21 15:33	
Chloromethane	ug/L	ND	1.0	0.54	04/15/21 15:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromomethane	ug/L	ND	1.0	0.39	04/15/21 15:33	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/15/21 15:33	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

METHOD BLANK: 3231905 Matrix: Water
Associated Lab Samples: 92525329001, 92525329005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/15/21 15:33	
Ethylbenzene	ug/L	ND	1.0	0.30	04/15/21 15:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/15/21 15:33	
m&p-Xylene	ug/L	ND	2.0	0.71	04/15/21 15:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/15/21 15:33	
Methylene Chloride	ug/L	ND	5.0	2.0	04/15/21 15:33	
Naphthalene	ug/L	ND	1.0	0.64	04/15/21 15:33	
o-Xylene	ug/L	ND	1.0	0.34	04/15/21 15:33	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/15/21 15:33	
Styrene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Toluene	ug/L	ND	1.0	0.48	04/15/21 15:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/15/21 15:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Trichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/15/21 15:33	
Vinyl acetate	ug/L	ND	2.0	1.3	04/15/21 15:33	
Vinyl chloride	ug/L	ND	1.0	0.39	04/15/21 15:33	
Xylene (Total)	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane-d4 (S)	%	99	70-130		04/15/21 15:33	
4-Bromofluorobenzene (S)	%	104	70-130		04/15/21 15:33	
Toluene-d8 (S)	%	109	70-130		04/15/21 15:33	

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.0	110	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-130	
1,1-Dichloropropene	ug/L	50	54.8	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.4	103	70-130	
1,2,3-Trichloropropane	ug/L	50	53.1	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	52.2	104	70-130	
1,2-Dichloropropane	ug/L	50	54.1	108	70-130	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,3-Dichloropropane	ug/L	50	56.8	114	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	55.4	111	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	129	129	70-130	v1
2-Chlorotoluene	ug/L	50	52.5	105	70-130	
2-Hexanone	ug/L	100	112	112	70-130	
4-Chlorotoluene	ug/L	50	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	128	128	70-130	v1
Benzene	ug/L	50	51.3	103	70-130	
Bromobenzene	ug/L	50	54.3	109	70-130	
Bromochloromethane	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	58.2	116	70-130	
Bromomethane	ug/L	50	51.5	103	70-130	
Carbon tetrachloride	ug/L	50	49.5	99	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	53.9	108	70-130	IK,v1
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	49.9	100	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.2	114	70-130	
Dibromochloromethane	ug/L	50	60.2	120	70-130	
Dibromomethane	ug/L	50	53.3	107	70-130	
Dichlorodifluoromethane	ug/L	50	49.4	99	70-130	
Diisopropyl ether	ug/L	50	56.5	113	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	57.8	116	70-130	
Methylene Chloride	ug/L	50	51.8	104	70-130	
Naphthalene	ug/L	50	54.0	108	70-130	
o-Xylene	ug/L	50	51.1	102	70-130	
p-Isopropyltoluene	ug/L	50	49.4	99	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.6	115	70-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	136	136	70-130	L1
Vinyl chloride	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Parameter	Units	92524326002		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	212	216	106	108	73-134	2	30	H1				
1,1,1-Trichloroethane	ug/L	ND	200	200	203	206	101	103	82-143	2	30	H1				
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	195	100	97	70-136	3	30	H1				
1,1,2-Trichloroethane	ug/L	ND	200	200	218	209	109	105	70-135	4	30	H1				
1,1-Dichloroethane	ug/L	ND	200	200	192	177	96	88	70-139	8	30	H1				
1,1-Dichloroethene	ug/L	ND	200	200	219	225	109	112	70-154	3	30	H1				
1,1-Dichloropropene	ug/L	ND	200	200	206	228	103	114	70-149	10	30	H1				
1,2,3-Trichlorobenzene	ug/L	ND	200	200	232	224	116	112	70-135	3	30	H1				
1,2,3-Trichloropropane	ug/L	ND	200	200	204	202	102	101	71-137	1	30	H1				
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	225	110	113	73-140	2	30	H1				
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	220	212	110	106	65-134	4	30	H1				
1,2-Dichlorobenzene	ug/L	ND	200	200	211	212	105	106	70-133	0	30	H1				
1,2-Dichloroethane	ug/L	ND	200	200	186	185	93	92	70-137	0	30	H1				
1,2-Dichloropropane	ug/L	ND	200	200	205	207	102	104	70-140	1	30	H1				
1,3-Dichlorobenzene	ug/L	ND	200	200	210	217	105	108	70-135	3	30	H1				
1,3-Dichloropropane	ug/L	ND	200	200	202	205	101	102	70-143	1	30	H1				
1,4-Dichlorobenzene	ug/L	ND	200	200	215	213	107	106	70-133	1	30	H1				
2,2-Dichloropropane	ug/L	ND	200	200	210	216	105	108	61-148	3	30	H1				
2-Butanone (MEK)	ug/L	ND	400	400	411	443	103	111	60-139	8	30	H1				
2-Chlorotoluene	ug/L	ND	200	200	219	219	110	110	70-144	0	30	H1				
2-Hexanone	ug/L	ND	400	400	422	408	106	102	65-138	3	30	H1				
4-Chlorotoluene	ug/L	ND	200	200	209	212	104	106	70-137	2	30	H1				
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	421	413	105	103	65-135	2	30	H1				
Acetone	ug/L	ND	400	400	406	335	102	84	60-148	19	30	H1				
Benzene	ug/L	49.4	200	200	263	268	107	109	70-151	2	30	H1				
Bromobenzene	ug/L	ND	200	200	221	218	111	109	70-136	2	30	H1				
Bromochloromethane	ug/L	ND	200	200	197	211	99	106	70-141	7	30	H1				
Bromodichloromethane	ug/L	ND	200	200	215	212	108	106	70-138	1	30	H1				
Bromoform	ug/L	ND	200	200	195	200	98	100	63-130	2	30	H1				
Bromomethane	ug/L	ND	200	200	228	235	114	118	15-152	3	30	H1				
Carbon tetrachloride	ug/L	ND	200	200	241	243	120	122	70-143	1	30	H1				
Chlorobenzene	ug/L	ND	200	200	175	176	88	88	70-138	0	30	H1				
Chloroethane	ug/L	ND	200	200	226	224	113	112	52-163	1	30	H1				
Chloroform	ug/L	ND	200	200	206	213	103	106	70-139	3	30	H1				
Chloromethane	ug/L	ND	200	200	192	196	96	98	41-139	2	30	H1				
cis-1,2-Dichloroethene	ug/L	ND	200	200	197	212	98	106	70-141	7	30	H1				
cis-1,3-Dichloropropene	ug/L	ND	200	200	214	212	107	106	70-137	1	30	H1				
Dibromochloromethane	ug/L	ND	200	200	210	210	105	105	70-134	0	30	H1				
Dibromomethane	ug/L	ND	200	200	214	216	107	108	70-138	1	30	H1				
Dichlorodifluoromethane	ug/L	ND	200	200	209	202	104	101	47-155	4	30	H1				
Diisopropyl ether	ug/L	ND	200	200	176	164	88	82	63-144	7	30	H1				
Ethylbenzene	ug/L	46.6	200	200	256	260	105	107	66-153	2	30	H1				
Hexachloro-1,3-butadiene	ug/L	ND	200	200	225	229	113	114	65-149	1	30	H1				
m&p-Xylene	ug/L	22.0	400	400	453	455	108	108	69-152	0	30	H1				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Parameter	Units	3231907		3231908		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92524326002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	200	200	166	163	83	81	54-156	2	30	H1	
Methylene Chloride	ug/L	ND	200	200	214	175	100	81	42-159	20	30	H1	
Naphthalene	ug/L	1600	200	200	1970	1980	187	193	61-148	1	30	H1, M1	
o-Xylene	ug/L	15.4	200	200	229	226	107	105	70-148	1	30	H1	
p-Isopropyltoluene	ug/L	ND	200	200	220	219	110	110	70-146	0	30	H1	
Styrene	ug/L	6.1J	200	200	218	217	106	105	70-135	1	30	H1	
Tetrachloroethene	ug/L	ND	200	200	209	214	105	107	59-143	2	30	H1	
Toluene	ug/L	23.6	200	200	236	231	106	103	59-148	2	30	H1	
trans-1,2-Dichloroethene	ug/L	ND	200	200	207	176	103	88	70-146	16	30	H1	
trans-1,3-Dichloropropene	ug/L	ND	200	200	215	212	108	106	70-135	1	30	H1	
Trichloroethene	ug/L	ND	200	200	215	214	108	107	70-147	0	30	H1	
Trichlorofluoromethane	ug/L	ND	200	200	211	210	105	105	70-148	0	30	H1	
Vinyl acetate	ug/L	ND	400	400	413	392	103	98	49-151	5	30	H1	
Vinyl chloride	ug/L	ND	200	200	194	193	97	97	70-156	1	30	H1	
Xylene (Total)	ug/L	37.4	600	600	681	681	107	107	63-158	0	30		
1,2-Dichloroethane-d4 (S)	%							92	93	70-130			
4-Bromofluorobenzene (S)	%							97	98	70-130			
Toluene-d8 (S)	%							98	98	70-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
 Pace Project No.: 92525329

QC Batch: 614332 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329003

METHOD BLANK: 3233234 Matrix: Water
 Associated Lab Samples: 92525329003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/19/21 12:07	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/19/21 12:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/19/21 12:07	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/19/21 12:07	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/19/21 12:07	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/19/21 12:07	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/19/21 12:07	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/19/21 12:07	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/19/21 12:07	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/19/21 12:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/19/21 12:07	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/19/21 12:07	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/19/21 12:07	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/19/21 12:07	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/19/21 12:07	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/19/21 12:07	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/19/21 12:07	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/19/21 12:07	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/19/21 12:07	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/19/21 12:07	
2-Hexanone	ug/L	ND	5.0	0.48	04/19/21 12:07	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/19/21 12:07	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/19/21 12:07	
Acetone	ug/L	ND	25.0	5.1	04/19/21 12:07	
Benzene	ug/L	ND	1.0	0.34	04/19/21 12:07	
Bromobenzene	ug/L	ND	1.0	0.29	04/19/21 12:07	
Bromochloromethane	ug/L	ND	1.0	0.47	04/19/21 12:07	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/19/21 12:07	
Bromoform	ug/L	ND	1.0	0.34	04/19/21 12:07	
Bromomethane	ug/L	ND	2.0	1.7	04/19/21 12:07	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/19/21 12:07	
Chlorobenzene	ug/L	ND	1.0	0.28	04/19/21 12:07	
Chloroethane	ug/L	ND	1.0	0.65	04/19/21 12:07	IK
Chloroform	ug/L	ND	5.0	1.6	04/19/21 12:07	
Chloromethane	ug/L	ND	1.0	0.54	04/19/21 12:07	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/19/21 12:07	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/19/21 12:07	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/19/21 12:07	
Dibromomethane	ug/L	ND	1.0	0.39	04/19/21 12:07	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/19/21 12:07	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

METHOD BLANK: 3233234 Matrix: Water
Associated Lab Samples: 92525329003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/19/21 12:07	
Ethylbenzene	ug/L	ND	1.0	0.30	04/19/21 12:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/19/21 12:07	
m&p-Xylene	ug/L	ND	2.0	0.71	04/19/21 12:07	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/19/21 12:07	
Methylene Chloride	ug/L	ND	5.0	2.0	04/19/21 12:07	
Naphthalene	ug/L	ND	1.0	0.64	04/19/21 12:07	
o-Xylene	ug/L	ND	1.0	0.34	04/19/21 12:07	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/19/21 12:07	
Styrene	ug/L	ND	1.0	0.29	04/19/21 12:07	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/19/21 12:07	
Toluene	ug/L	ND	1.0	0.48	04/19/21 12:07	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/19/21 12:07	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/19/21 12:07	
Trichloroethene	ug/L	ND	1.0	0.38	04/19/21 12:07	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/19/21 12:07	
Vinyl acetate	ug/L	ND	2.0	1.3	04/19/21 12:07	
Vinyl chloride	ug/L	ND	1.0	0.39	04/19/21 12:07	
Xylene (Total)	ug/L	ND	1.0	0.34	04/19/21 12:07	
1,2-Dichloroethane-d4 (S)	%	103	70-130		04/19/21 12:07	
4-Bromofluorobenzene (S)	%	93	70-130		04/19/21 12:07	
Toluene-d8 (S)	%	101	70-130		04/19/21 12:07	

LABORATORY CONTROL SAMPLE: 3233235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,1-Trichloroethane	ug/L	50	48.8	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.4	97	70-130	
1,1,2-Trichloroethane	ug/L	50	48.0	96	70-130	
1,1-Dichloroethane	ug/L	50	51.3	103	70-130	
1,1-Dichloroethene	ug/L	50	53.6	107	70-130	
1,1-Dichloropropene	ug/L	50	48.4	97	70-130	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	70-130	
1,2,3-Trichloropropane	ug/L	50	48.2	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.9	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	45.1	90	70-130	
1,2-Dichloroethane	ug/L	50	46.8	94	70-130	
1,2-Dichloropropane	ug/L	50	49.5	99	70-130	
1,3-Dichlorobenzene	ug/L	50	45.5	91	70-130	
1,3-Dichloropropane	ug/L	50	50.6	101	70-130	
1,4-Dichlorobenzene	ug/L	50	46.7	93	70-130	
2,2-Dichloropropane	ug/L	50	51.3	103	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3233235

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	92.1	92	70-130	
2-Chlorotoluene	ug/L	50	46.9	94	70-130	
2-Hexanone	ug/L	100	100	100	70-130	
4-Chlorotoluene	ug/L	50	46.1	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.1	94	70-130	
Acetone	ug/L	100	91.4	91	70-130	
Benzene	ug/L	50	48.8	98	70-130	
Bromobenzene	ug/L	50	49.4	99	70-130	
Bromochloromethane	ug/L	50	49.5	99	70-130	
Bromodichloromethane	ug/L	50	47.8	96	70-130	
Bromoform	ug/L	50	50.5	101	70-130	
Bromomethane	ug/L	50	46.7	93	70-130	
Carbon tetrachloride	ug/L	50	48.3	97	70-130	
Chlorobenzene	ug/L	50	48.7	97	70-130	
Chloroethane	ug/L	50	44.5	89	70-130 IK	
Chloroform	ug/L	50	47.8	96	70-130	
Chloromethane	ug/L	50	44.4	89	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.9	98	70-130	
Dibromochloromethane	ug/L	50	51.9	104	70-130	
Dibromomethane	ug/L	50	47.7	95	70-130	
Dichlorodifluoromethane	ug/L	50	42.4	85	70-130	
Diisopropyl ether	ug/L	50	47.4	95	70-130	
Ethylbenzene	ug/L	50	47.3	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	70-130	
m&p-Xylene	ug/L	100	95.6	96	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	70-130	
Methylene Chloride	ug/L	50	49.9	100	70-130	
Naphthalene	ug/L	50	45.8	92	70-130	
o-Xylene	ug/L	50	46.5	93	70-130	
p-Isopropyltoluene	ug/L	50	48.0	96	70-130	
Styrene	ug/L	50	48.4	97	70-130	
Tetrachloroethene	ug/L	50	47.6	95	70-130	
Toluene	ug/L	50	47.5	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.7	99	70-130	
Trichloroethene	ug/L	50	48.2	96	70-130	
Trichlorofluoromethane	ug/L	50	45.3	91	70-130	
Vinyl acetate	ug/L	100	112	112	70-130	
Vinyl chloride	ug/L	50	45.8	92	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Parameter	Units	92533643009		MS		MSD		3235440		3235441		Qual
		Result	Conc.	Spike	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	1000	1000	1000	830	935	83	94	73-134	12	30
1,1,1-Trichloroethane	ug/L	ND	1000	1000	1000	850	969	85	97	82-143	13	30
1,1,2,2-Tetrachloroethane	ug/L	ND	1000	1000	1000	920	1030	92	103	70-136	11	30
1,1,2-Trichloroethane	ug/L	ND	1000	1000	1000	804	940	80	94	70-135	16	30
1,1-Dichloroethane	ug/L	ND	1000	1000	1000	864	979	86	98	70-139	12	30
1,1-Dichloroethene	ug/L	ND	1000	1000	1000	916	1030	92	103	70-154	12	30
1,1-Dichloropropene	ug/L	ND	1000	1000	1000	855	971	85	97	70-149	13	30
1,2,3-Trichlorobenzene	ug/L	ND	1000	1000	1000	1020	915	102	91	70-135	10	30
1,2,3-Trichloropropane	ug/L	ND	1000	1000	1000	966	1090	97	109	71-137	12	30
1,2,4-Trichlorobenzene	ug/L	ND	1000	1000	1000	976	922	98	92	73-140	6	30
1,2-Dibromo-3-chloropropane	ug/L	ND	1000	1000	1000	946	973	95	97	65-134	3	30
1,2-Dichlorobenzene	ug/L	ND	1000	1000	1000	830	873	83	87	70-133	5	30
1,2-Dichloroethane	ug/L	ND	1000	1000	1000	774	882	77	88	70-137	13	30
1,2-Dichloropropane	ug/L	ND	1000	1000	1000	848	963	85	96	70-140	13	30
1,3-Dichlorobenzene	ug/L	ND	1000	1000	1000	831	875	83	88	70-135	5	30
1,3-Dichloropropane	ug/L	ND	1000	1000	1000	874	990	87	99	70-143	12	30
1,4-Dichlorobenzene	ug/L	ND	1000	1000	1000	838	896	84	90	70-133	7	30
2,2-Dichloropropane	ug/L	ND	1000	1000	1000	908	1030	91	103	61-148	12	30
2-Butanone (MEK)	ug/L	ND	2000	2000	2000	1570	1860	78	93	60-139	17	30
2-Chlorotoluene	ug/L	ND	1000	1000	1000	934	1050	93	105	70-144	12	30
2-Hexanone	ug/L	ND	2000	2000	2000	1730	1990	87	99	65-138	14	30
4-Chlorotoluene	ug/L	ND	1000	1000	1000	775	832	77	83	70-137	7	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	2000	2000	2000	1620	1890	81	94	65-135	15	30
Acetone	ug/L	ND	2000	2000	2000	1660	2020	83	101	60-148	20	30
Benzene	ug/L	7780	1000	1000	1000	8400	9410	61	163	70-151	11	30 M1
Bromobenzene	ug/L	ND	1000	1000	1000	856	933	86	93	70-136	9	30
Bromochloromethane	ug/L	ND	1000	1000	1000	820	967	82	97	70-141	17	30
Bromodichloromethane	ug/L	ND	1000	1000	1000	799	908	80	91	70-138	13	30
Bromoform	ug/L	ND	1000	1000	1000	831	946	83	95	63-130	13	30
Bromomethane	ug/L	ND	1000	1000	1000	987	1050	99	105	15-152	6	30
Carbon tetrachloride	ug/L	ND	1000	1000	1000	820	943	82	94	70-143	14	30
Chlorobenzene	ug/L	ND	1000	1000	1000	855	955	86	95	70-138	11	30
Chloroethane	ug/L	ND	1000	1000	1000	981	1060	98	106	52-163	8	30 IK
Chloroform	ug/L	ND	1000	1000	1000	812	939	81	94	70-139	15	30
Chloromethane	ug/L	ND	1000	1000	1000	876	996	88	100	41-139	13	30
cis-1,2-Dichloroethene	ug/L	ND	1000	1000	1000	862	993	86	99	70-141	14	30
cis-1,3-Dichloropropene	ug/L	ND	1000	1000	1000	815	938	81	94	70-137	14	30
Dibromochloromethane	ug/L	ND	1000	1000	1000	850	978	85	98	70-134	14	30
Dibromomethane	ug/L	ND	1000	1000	1000	808	932	81	93	70-138	14	30
Dichlorodifluoromethane	ug/L	ND	1000	1000	1000	617	730	62	73	47-155	17	30
Diisopropyl ether	ug/L	1500	1000	1000	1000	2210	2490	71	100	63-144	12	30
Ethylbenzene	ug/L	3630	1000	1000	1000	7080	8600	346	498	66-153	19	30 M1
Hexachloro-1,3-butadiene	ug/L	ND	1000	1000	1000	972	964	97	96	65-149	1	30
m&p-Xylene	ug/L	12000	2000	2000	2000	21800	25000	487	646	69-152	14	30 E,M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Parameter	Units	3235440		3235441		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92533643009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	109	1000	1000	879	996	77	89	54-156	12	30		
Methylene Chloride	ug/L	ND	1000	1000	887	998	89	100	42-159	12	30		
Naphthalene	ug/L	1380	1000	1000	3560	4330	217	295	61-148	20	30	M1	
o-Xylene	ug/L	3480	1000	1000	6890	8420	341	494	70-148	20	30	M1	
p-Isopropyltoluene	ug/L	ND	1000	1000	1220	1340	122	134	70-146	9	30		
Styrene	ug/L	ND	1000	1000	869	969	87	97	70-135	11	30		
Tetrachloroethene	ug/L	ND	1000	1000	870	973	87	97	59-143	11	30		
Toluene	ug/L	6190	1000	1000	7950	9300	176	311	59-148	16	30	M1	
trans-1,2-Dichloroethene	ug/L	ND	1000	1000	903	1010	90	101	70-146	12	30		
trans-1,3-Dichloropropene	ug/L	ND	1000	1000	813	930	81	93	70-135	13	30		
Trichloroethene	ug/L	ND	1000	1000	832	946	83	95	70-147	13	30		
Trichlorofluoromethane	ug/L	ND	1000	1000	891	990	89	99	70-148	11	30		
Vinyl acetate	ug/L	ND	2000	2000	1720	1970	86	99	49-151	14	30		
Vinyl chloride	ug/L	ND	1000	1000	823	948	82	95	70-156	14	30		
Xylene (Total)	ug/L	15500	3000	3000	28700	33400	438	595	63-158	15	30	ES,MS	
1,2-Dichloroethane-d4 (S)	%						101	104	70-130				
4-Bromofluorobenzene (S)	%						99	101	70-130				
Toluene-d8 (S)	%						97	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch: 614497	Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C	Analysis Description: 8270E Water MSSV RVE
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329001, 92525329002

METHOD BLANK: 3234038 Matrix: Water

Associated Lab Samples: 92525329001, 92525329002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/19/21 13:08	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/19/21 13:08	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/19/21 13:08	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/19/21 13:08	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/19/21 13:08	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/19/21 13:08	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/19/21 13:08	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/19/21 13:08	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/19/21 13:08	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/19/21 13:08	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/19/21 13:08	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/19/21 13:08	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/19/21 13:08	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/19/21 13:08	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/19/21 13:08	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/19/21 13:08	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/19/21 13:08	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/19/21 13:08	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/19/21 13:08	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/19/21 13:08	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/19/21 13:08	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/19/21 13:08	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/19/21 13:08	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/19/21 13:08	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/19/21 13:08	
Acenaphthene	ug/L	ND	10.0	2.0	04/19/21 13:08	
Acenaphthylene	ug/L	ND	10.0	2.0	04/19/21 13:08	
Aniline	ug/L	ND	10.0	1.6	04/19/21 13:08	
Anthracene	ug/L	ND	10.0	2.3	04/19/21 13:08	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/19/21 13:08	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/19/21 13:08	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/19/21 13:08	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/19/21 13:08	
Benzoic Acid	ug/L	ND	50.0	3.4	04/19/21 13:08	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/19/21 13:08	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/19/21 13:08	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/19/21 13:08	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/19/21 13:08	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/19/21 13:08	
Chrysene	ug/L	ND	10.0	2.8	04/19/21 13:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

METHOD BLANK: 3234038

Matrix: Water

Associated Lab Samples: 92525329001, 92525329002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/19/21 13:08	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/19/21 13:08	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/19/21 13:08	
Dibenzofuran	ug/L	ND	10.0	2.1	04/19/21 13:08	
Diethylphthalate	ug/L	ND	10.0	2.0	04/19/21 13:08	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/19/21 13:08	
Fluoranthene	ug/L	ND	10.0	2.2	04/19/21 13:08	
Fluorene	ug/L	ND	10.0	2.1	04/19/21 13:08	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/19/21 13:08	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/19/21 13:08	
Hexachloroethane	ug/L	ND	10.0	1.4	04/19/21 13:08	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/19/21 13:08	
Isophorone	ug/L	ND	10.0	1.7	04/19/21 13:08	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/19/21 13:08	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/19/21 13:08	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/19/21 13:08	
Nitrobenzene	ug/L	ND	10.0	1.9	04/19/21 13:08	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/19/21 13:08	
Phenanthrene	ug/L	ND	10.0	2.0	04/19/21 13:08	
Phenol	ug/L	ND	10.0	1.4	04/19/21 13:08	
Pyrene	ug/L	ND	10.0	2.2	04/19/21 13:08	
2,4,6-Tribromophenol (S)	%	105	10-144		04/19/21 13:08	
2-Fluorobiphenyl (S)	%	88	10-130		04/19/21 13:08	
2-Fluorophenol (S)	%	68	10-130		04/19/21 13:08	
Nitrobenzene-d5 (S)	%	94	10-144		04/19/21 13:08	
Phenol-d6 (S)	%	54	10-130		04/19/21 13:08	
Terphenyl-d14 (S)	%	108	34-163		04/19/21 13:08	

LABORATORY CONTROL SAMPLE: 3234039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	41.7	83	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	43.4	87	28-130	
2,4,5-Trichlorophenol	ug/L	50	50.0	100	35-130	
2,4,6-Trichlorophenol	ug/L	50	46.1	92	31-130	
2,4-Dichlorophenol	ug/L	50	45.9	92	35-130	
2,4-Dimethylphenol	ug/L	50	47.4	95	34-130	
2,4-Dinitrophenol	ug/L	250	260	104	10-153	
2,4-Dinitrotoluene	ug/L	50	53.6	107	37-136	
2,6-Dinitrotoluene	ug/L	50	52.2	104	33-136	
2-Chloronaphthalene	ug/L	50	39.2	78	26-130	
2-Chlorophenol	ug/L	50	42.6	85	37-130	
2-Methylnaphthalene	ug/L	50	40.2	80	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.6	83	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3234039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	97.9	98	37-130	
2-Nitrophenol	ug/L	50	48.1	96	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	40.1	80	34-130	
3,3'-Dichlorobenzidine	ug/L	100	113	113	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	110	110	21-157	
4-Bromophenylphenyl ether	ug/L	50	55.3	111	38-130	
4-Chloro-3-methylphenol	ug/L	100	98.2	98	37-130	
4-Chloroaniline	ug/L	100	86.4	86	38-130	
4-Chlorophenylphenyl ether	ug/L	50	48.2	96	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	164	66	10-130	
Acenaphthene	ug/L	50	45.3	91	33-130	
Acenaphthylene	ug/L	50	47.5	95	35-130	
Aniline	ug/L	50	39.8	80	22-130	
Anthracene	ug/L	50	53.0	106	48-130	
Benzo(a)anthracene	ug/L	50	56.3	113	48-137	
Benzo(b)fluoranthene	ug/L	50	56.4	113	52-138	
Benzo(g,h,i)perylene	ug/L	50	58.0	116	48-140	
Benzo(k)fluoranthene	ug/L	50	58.2	116	48-139	
Benzoic Acid	ug/L	250	159	64	10-130	
Benzyl alcohol	ug/L	100	89.1	89	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	47.7	95	34-130	
bis(2-Chloroethyl) ether	ug/L	50	49.4	99	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	65.2	130	32-165	
Butylbenzylphthalate	ug/L	50	62.7	125	34-161	
Chrysene	ug/L	50	55.8	112	47-131	
Di-n-butylphthalate	ug/L	50	58.6	117	39-144	
Di-n-octylphthalate	ug/L	50	58.7	117	30-170	
Dibenz(a,h)anthracene	ug/L	50	57.6	115	49-138	
Dibenzofuran	ug/L	50	46.3	93	33-130	
Diethylphthalate	ug/L	50	53.4	107	38-131	
Dimethylphthalate	ug/L	50	51.1	102	37-130	
Fluoranthene	ug/L	50	55.1	110	46-137	
Fluorene	ug/L	50	50.9	102	37-130	
Hexachlorobenzene	ug/L	50	48.5	97	38-130	
Hexachlorocyclopentadiene	ug/L	50	29.9	60	10-130	
Hexachloroethane	ug/L	50	27.2	54	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	57.9	116	41-130	
Isophorone	ug/L	50	47.8	96	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	48.0	96	36-130	
N-Nitrosodimethylamine	ug/L	50	40.5	81	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.8	104	37-130	
Nitrobenzene	ug/L	50	44.1	88	36-130	
Pentachlorophenol	ug/L	100	105	105	23-149	
Phenanthrene	ug/L	50	51.2	102	44-130	
Phenol	ug/L	50	31.4	63	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3234039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	57.1	114	47-134	
2,4,6-Tribromophenol (S)	%			124	10-144	
2-Fluorobiphenyl (S)	%			86	10-130	
2-Fluorophenol (S)	%			69	10-130	
Nitrobenzene-d5 (S)	%			95	10-144	
Phenol-d6 (S)	%			56	10-130	
Terphenyl-d14 (S)	%			97	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3234040 3234041

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92533705001 Result	Spike Conc.	Spike Conc.	MS Result						
1-Methylnaphthalene	ug/L	ND	50	50	38.5	36.5	77	73	10-130	5	30
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	45.1	41.0	90	82	12-142	10	30
2,4,5-Trichlorophenol	ug/L	ND	50	50	44.8	45.9	90	92	10-143	2	30
2,4,6-Trichlorophenol	ug/L	ND	50	50	36.1	40.5	72	81	10-147	12	30
2,4-Dichlorophenol	ug/L	ND	50	50	43.7	43.5	87	87	10-138	1	30
2,4-Dimethylphenol	ug/L	ND	50	50	43.5	42.2	87	84	25-130	3	30
2,4-Dinitrophenol	ug/L	ND	250	250	ND	77.7	1	31	10-165		30 M1
2,4-Dinitrotoluene	ug/L	ND	50	50	53.5	56.0	107	112	29-148	5	30
2,6-Dinitrotoluene	ug/L	ND	50	50	51.8	48.0	104	96	26-146	8	30
2-Chloronaphthalene	ug/L	ND	50	50	38.4	36.9	77	74	11-130	4	30
2-Chlorophenol	ug/L	ND	50	50	44.1	41.5	88	83	10-133	6	30
2-Methylnaphthalene	ug/L	ND	50	50	37.9	36.6	76	73	13-130	4	30
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	43.9	41.2	88	82	20-130	6	30
2-Nitroaniline	ug/L	ND	100	100	85.8	85.8	86	86	24-136	0	30
2-Nitrophenol	ug/L	ND	50	50	44.9	46.0	90	92	10-153	2	30
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	42.1	39.5	84	79	16-130	6	30
3,3'-Dichlorobenzidine	ug/L	ND	100	100	96.0	98.0	96	98	10-153	2	30
3-Nitroaniline	ug/L	ND	100	100	105	101	105	101	22-151	4	30
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	27.2	112	27	112	10-180	122	30 R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	55.6	54.0	111	108	25-130	3	30
4-Chloro-3-methylphenol	ug/L	ND	100	100	91.4	86.8	91	87	25-133	5	30
4-Chloroaniline	ug/L	ND	100	100	86.2	83.6	86	84	14-132	3	30
4-Chlorophenylphenyl ether	ug/L	ND	50	50	46.7	44.7	93	89	19-130	4	30
4-Nitroaniline	ug/L	ND	100	100	104	97.1	104	97	29-150	7	30
4-Nitrophenol	ug/L	ND	250	250	26.1J	163	10	65	10-130		30
Acenaphthene	ug/L	ND	50	50	43.8	42.6	88	85	16-130	3	30
Acenaphthylene	ug/L	ND	50	50	45.4	44.0	91	88	15-137	3	30
Aniline	ug/L	ND	50	50	42.6	40.1	85	80	10-130	6	30
Anthracene	ug/L	ND	50	50	54.3	55.0	109	110	37-136	1	30
Benzo(a)anthracene	ug/L	ND	50	50	60.5	61.4	121	123	40-145	1	30
Benzo(b)fluoranthene	ug/L	ND	50	50	63.7	61.7	127	123	39-151	3	30
Benzo(g,h,i)perylene	ug/L	ND	50	50	66.3	63.6	133	127	40-147	4	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Parameter	Units	92533705001		3234040		3234041		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec								
Benzo(k)fluoranthene	ug/L	ND	50	50	62.0	61.9	124	124	40-146	0	30				
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1			
Benzyl alcohol	ug/L	ND	100	100	93.3	88.0	93	88	25-130	6	30				
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	47.2	45.9	94	92	23-130	3	30				
bis(2-Chloroethyl) ether	ug/L	ND	50	50	52.4	49.0	105	98	25-130	7	30				
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	63.9	68.5	125	134	28-166	7	30				
Butylbenzylphthalate	ug/L	ND	50	50	65.2	69.6	130	139	33-165	6	30				
Chrysene	ug/L	ND	50	50	56.7	60.6	113	121	38-141	7	30				
Di-n-butylphthalate	ug/L	ND	50	50	60.9	64.6	122	129	32-153	6	30				
Di-n-octylphthalate	ug/L	ND	50	50	59.5	63.5	119	127	30-175	7	30				
Dibenz(a,h)anthracene	ug/L	ND	50	50	63.4	62.1	127	124	39-148	2	30				
Dibenzofuran	ug/L	ND	50	50	45.9	43.1	92	86	20-130	6	30				
Diethylphthalate	ug/L	ND	50	50	54.9	54.9	110	110	28-142	0	30				
Dimethylphthalate	ug/L	ND	50	50	49.9	47.8	100	96	26-136	4	30				
Fluoranthene	ug/L	ND	50	50	60.6	62.5	121	125	39-143	3	30				
Fluorene	ug/L	ND	50	50	48.8	46.8	98	94	24-132	4	30				
Hexachlorobenzene	ug/L	ND	50	50	49.9	50.8	100	102	29-130	2	30				
Hexachlorocyclopentadiene	ug/L	ND	50	50	26.9	25.3	54	51	10-130	6	30				
Hexachloroethane	ug/L	ND	50	50	27.8	25.8	56	52	10-130	7	30				
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	64.4	62.8	129	126	39-148	2	30				
Isophorone	ug/L	ND	50	50	47.0	45.3	94	91	23-130	4	30				
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	49.5	46.0	99	92	25-130	7	30				
N-Nitrosodimethylamine	ug/L	ND	50	50	42.6	41.7	85	83	22-130	2	30				
N-Nitrosodiphenylamine	ug/L	ND	50	50	51.6	50.6	103	101	26-134	2	30				
Nitrobenzene	ug/L	ND	50	50	45.3	45.4	91	91	25-130	0	30				
Pentachlorophenol	ug/L	ND	100	100	63.9	117	64	117	10-175	59	30	R1			
Phenanthrene	ug/L	ND	50	50	54.1	54.3	108	109	36-133	1	30				
Phenol	ug/L	ND	50	50	32.0	32.5	64	65	10-130	1	30				
Pyrene	ug/L	ND	50	50	61.4	62.8	123	126	40-143	2	30				
2,4,6-Tribromophenol (S)	%						114	124	10-144						
2-Fluorobiphenyl (S)	%						83	77	10-130						
2-Fluorophenol (S)	%						65	68	10-130						
Nitrobenzene-d5 (S)	%						93	92	10-144						
Phenol-d6 (S)	%						55	56	10-130						
Terphenyl-d14 (S)	%						104	107	34-163						

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
 Pace Project No.: 92525329

QC Batch: 614745 Analysis Method: EPA 8270E
 QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329004

METHOD BLANK: 3235255 Matrix: Water

Associated Lab Samples: 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/20/21 08:43	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/20/21 08:43	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/20/21 08:43	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/20/21 08:43	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/20/21 08:43	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/20/21 08:43	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/20/21 08:43	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/20/21 08:43	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/20/21 08:43	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/20/21 08:43	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/20/21 08:43	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/20/21 08:43	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/20/21 08:43	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/20/21 08:43	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/20/21 08:43	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/20/21 08:43	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/20/21 08:43	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/20/21 08:43	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/20/21 08:43	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/20/21 08:43	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/20/21 08:43	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/20/21 08:43	
Acenaphthene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Acenaphthylene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Aniline	ug/L	ND	10.0	1.6	04/20/21 08:43	
Anthracene	ug/L	ND	10.0	2.3	04/20/21 08:43	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/20/21 08:43	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/20/21 08:43	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/20/21 08:43	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/20/21 08:43	
Benzoic Acid	ug/L	ND	50.0	3.4	04/20/21 08:43	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/20/21 08:43	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/20/21 08:43	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/20/21 08:43	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/20/21 08:43	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/20/21 08:43	
Chrysene	ug/L	ND	10.0	2.8	04/20/21 08:43	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

METHOD BLANK: 3235255

Matrix: Water

Associated Lab Samples: 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/20/21 08:43	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/20/21 08:43	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/20/21 08:43	
Dibenzofuran	ug/L	ND	10.0	2.1	04/20/21 08:43	
Diethylphthalate	ug/L	ND	10.0	2.0	04/20/21 08:43	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/20/21 08:43	
Fluoranthene	ug/L	ND	10.0	2.2	04/20/21 08:43	
Fluorene	ug/L	ND	10.0	2.1	04/20/21 08:43	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/20/21 08:43	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/20/21 08:43	
Hexachloroethane	ug/L	ND	10.0	1.4	04/20/21 08:43	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/20/21 08:43	
Isophorone	ug/L	ND	10.0	1.7	04/20/21 08:43	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/20/21 08:43	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/20/21 08:43	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/20/21 08:43	
Nitrobenzene	ug/L	ND	10.0	1.9	04/20/21 08:43	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/20/21 08:43	
Phenanthrene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Phenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
Pyrene	ug/L	ND	10.0	2.2	04/20/21 08:43	
2,4,6-Tribromophenol (S)	%	75	10-144		04/20/21 08:43	
2-Fluorobiphenyl (S)	%	100	10-130		04/20/21 08:43	
2-Fluorophenol (S)	%	44	10-130		04/20/21 08:43	
Nitrobenzene-d5 (S)	%	109	10-144		04/20/21 08:43	
Phenol-d6 (S)	%	56	10-130		04/20/21 08:43	
Terphenyl-d14 (S)	%	107	34-163		04/20/21 08:43	

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	32.9	66	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	31.2	62	28-130	
2,4,5-Trichlorophenol	ug/L	50	45.8	92	35-130	
2,4,6-Trichlorophenol	ug/L	50	41.7	83	31-130	
2,4-Dichlorophenol	ug/L	50	36.3	73	35-130	
2,4-Dimethylphenol	ug/L	50	36.6	73	34-130	
2,4-Dinitrophenol	ug/L	250	255	102	10-153	
2,4-Dinitrotoluene	ug/L	50	53.0	106	37-136	
2,6-Dinitrotoluene	ug/L	50	50.4	101	33-136	
2-Chloronaphthalene	ug/L	50	32.8	66	26-130	
2-Chlorophenol	ug/L	50	30.9	62	37-130	
2-Methylnaphthalene	ug/L	50	32.4	65	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	98.0	98	37-130	
2-Nitrophenol	ug/L	50	34.5	69	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.7	61	34-130	
3,3'-Dichlorobenzidine	ug/L	100	118	118	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	112	112	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.0	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	86.4	86	37-130	
4-Chloroaniline	ug/L	100	73.6	74	38-130	
4-Chlorophenylphenyl ether	ug/L	50	45.5	91	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	156	63	10-130	
Acenaphthene	ug/L	50	41.0	82	33-130	
Acenaphthylene	ug/L	50	42.5	85	35-130	
Aniline	ug/L	50	30.4	61	22-130	
Anthracene	ug/L	50	52.7	105	48-130	
Benzo(a)anthracene	ug/L	50	57.6	115	48-137	
Benzo(b)fluoranthene	ug/L	50	57.8	116	52-138	
Benzo(g,h,i)perylene	ug/L	50	60.1	120	48-140	
Benzo(k)fluoranthene	ug/L	50	57.4	115	48-139	
Benzoic Acid	ug/L	250	141	56	10-130	
Benzyl alcohol	ug/L	100	67.8	68	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	36.5	73	34-130	
bis(2-Chloroethyl) ether	ug/L	50	35.3	71	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.5	127	32-165	
Butylbenzylphthalate	ug/L	50	62.4	125	34-161	
Chrysene	ug/L	50	56.0	112	47-131	
Di-n-butylphthalate	ug/L	50	59.2	118	39-144	
Di-n-octylphthalate	ug/L	50	57.9	116	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.2	116	49-138	
Dibenzofuran	ug/L	50	43.3	87	33-130	
Diethylphthalate	ug/L	50	52.6	105	38-131	
Dimethylphthalate	ug/L	50	49.1	98	37-130	
Fluoranthene	ug/L	50	55.6	111	46-137	
Fluorene	ug/L	50	47.3	95	37-130	
Hexachlorobenzene	ug/L	50	48.1	96	38-130	
Hexachlorocyclopentadiene	ug/L	50	20.7	41	10-130	
Hexachloroethane	ug/L	50	18.2	36	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	61.1	122	41-130	
Isophorone	ug/L	50	39.7	79	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	36.3	73	36-130	
N-Nitrosodimethylamine	ug/L	50	28.7	57	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.2	102	37-130	
Nitrobenzene	ug/L	50	32.7	65	36-130	
Pentachlorophenol	ug/L	100	107	107	23-149	
Phenanthrene	ug/L	50	52.6	105	44-130	
Phenol	ug/L	50	23.1	46	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	58.1	116	47-134	
2,4,6-Tribromophenol (S)	%			125	10-144	
2-Fluorobiphenyl (S)	%			71	10-130	
2-Fluorophenol (S)	%			50	10-130	
Nitrobenzene-d5 (S)	%			72	10-144	
Phenol-d6 (S)	%			41	10-130	
Terphenyl-d14 (S)	%			101	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235257 3235258

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92525994001 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	459	50	50	50	591	497	265	75	10-130	17	30	M1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	41.3	41.3	83	83	12-142	0	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	50.6	50.3	101	101	10-143	1	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	48.1	46.0	96	92	10-147	5	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	50.2	47.6	100	95	10-138	5	30	
2,4-Dimethylphenol	ug/L	49.3	50	50	50	113	98.9	127	99	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	ND	27.6J	5	11	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	50	51.4	53.8	103	108	29-148	4	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	51.3	52.4	103	105	26-146	2	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	36.0	36.0	72	72	11-130	0	30	
2-Chlorophenol	ug/L	ND	50	50	50	43.9	44.7	88	89	10-133	2	30	
2-Methylnaphthalene	ug/L	791	50	50	50	956	791	330	0	13-130	19	30	M1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	47.2	47.5	94	95	20-130	1	30	
2-Nitroaniline	ug/L	ND	100	100	100	88.3	101	88	101	24-136	13	30	
2-Nitrophenol	ug/L	ND	50	50	50	53.0	50.5	106	101	10-153	5	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	44.2	45.2	88	90	16-130	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	112	109	112	109	10-153	2	30	
3-Nitroaniline	ug/L	ND	100	100	100	99.4	102	99	102	22-151	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	75.6	60.7	76	61	10-180	22	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	56.3	59.0	113	118	25-130	5	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	95.4	95.8	95	96	25-133	0	30	
4-Chloroaniline	ug/L	ND	100	100	100	88.5	88.3	88	88	14-132	0	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	43.5	46.5	87	93	19-130	7	30	
4-Nitroaniline	ug/L	ND	100	100	100	103	103	103	103	29-150	0	30	
4-Nitrophenol	ug/L	ND	250	250	250	85.1	71.1	34	28	10-130	18	30	
Acenaphthene	ug/L	173	50	50	50	281	244	215	142	16-130	14	30	M1
Acenaphthylene	ug/L	70.1	50	50	50	127	117	115	94	15-137	9	30	
Aniline	ug/L	ND	50	50	50	41.3	43.3	83	87	10-130	5	30	
Anthracene	ug/L	11.7	50	50	50	68.1	66.2	113	109	37-136	3	30	
Benzo(a)anthracene	ug/L	ND	50	50	50	57.4	56.4	115	113	40-145	2	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	57.6	56.8	115	114	39-151	1	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	58.8	61.2	118	122	40-147	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235257 3235258												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92525994001 Result	Spike Conc.	Spike Conc.	MS Result							
Benzo(k)fluoranthene	ug/L	ND	50	50	57.3	56.9	115	114	40-146	1	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	89.7	93.4	90	93	25-130	4	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	51.5	49.2	100	96	23-130	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	50.8	50.8	102	102	25-130	0	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	59.9	58.5	120	117	28-166	2	30	
Butylbenzylphthalate	ug/L	ND	50	50	63.3	62.2	127	124	33-165	2	30	
Chrysene	ug/L	ND	50	50	56.7	55.6	113	111	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	50	50	56.1	56.5	112	113	32-153	1	30	
Di-n-octylphthalate	ug/L	ND	50	50	56.4	57.1	113	114	30-175	1	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	57.8	57.9	116	116	39-148	0	30	
Dibenzofuran	ug/L	19.3	50	50	67.1	65.0	95	91	20-130	3	30	
Diethylphthalate	ug/L	ND	50	50	50.5	52.6	101	105	28-142	4	30	
Dimethylphthalate	ug/L	ND	50	50	49.4	50.3	99	101	26-136	2	30	
Fluoranthene	ug/L	3.6J	50	50	59.6	58.5	112	110	39-143	2	30	
Fluorene	ug/L	71.0	50	50	131	122	121	102	24-132	7	30	
Hexachlorobenzene	ug/L	ND	50	50	49.7	51.1	99	102	29-130	3	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.8	22.8	50	46	10-130	8	30	
Hexachloroethane	ug/L	ND	50	50	28.9	24.7	58	49	10-130	16	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	58.2	59.5	116	119	39-148	2	30	
Isophorone	ug/L	ND	50	50	51.2	50.2	102	100	23-130	2	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	47.0	49.9	94	100	25-130	6	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	40.6	42.0	81	84	22-130	4	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	56.2	57.2	112	114	26-134	2	30	
Nitrobenzene	ug/L	ND	50	50	47.1	45.4	94	91	25-130	4	30	
Pentachlorophenol	ug/L	ND	100	100	91.5	75.3	92	75	10-175	19	30	
Phenanthrene	ug/L	74.6	50	50	139	129	128	108	36-133	8	30	
Phenol	ug/L	3.4J	50	50	34.4	36.3	62	66	10-130	6	30	
Pyrene	ug/L	5.9J	50	50	67.1	65.4	122	119	40-143	3	30	
2,4,6-Tribromophenol (S)	%						124	121	10-144			
2-Fluorobiphenyl (S)	%						86	81	10-130			
2-Fluorophenol (S)	%						68	67	10-130			
Nitrobenzene-d5 (S)	%						105	97	10-144			
Phenol-d6 (S)	%						54	57	10-130			
Terphenyl-d14 (S)	%						99	97	34-163			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch: 614955

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525329003

METHOD BLANK: 3236119

Matrix: Water

Associated Lab Samples: 92525329003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/21/21 09:36	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/21/21 09:36	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/21/21 09:36	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/21/21 09:36	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/21/21 09:36	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/21/21 09:36	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/21/21 09:36	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/21/21 09:36	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/21/21 09:36	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/21/21 09:36	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/21/21 09:36	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/21/21 09:36	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/21/21 09:36	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/21/21 09:36	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/21/21 09:36	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/21/21 09:36	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/21/21 09:36	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/21/21 09:36	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/21/21 09:36	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/21/21 09:36	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/21/21 09:36	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/21/21 09:36	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/21/21 09:36	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/21/21 09:36	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/21/21 09:36	
Acenaphthene	ug/L	ND	10.0	2.0	04/21/21 09:36	
Acenaphthylene	ug/L	ND	10.0	2.0	04/21/21 09:36	
Aniline	ug/L	ND	10.0	1.6	04/21/21 09:36	
Anthracene	ug/L	ND	10.0	2.3	04/21/21 09:36	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/21/21 09:36	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/21/21 09:36	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/21/21 09:36	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/21/21 09:36	
Benzoic Acid	ug/L	ND	50.0	3.4	04/21/21 09:36	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/21/21 09:36	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/21/21 09:36	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/21/21 09:36	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/21/21 09:36	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/21/21 09:36	
Chrysene	ug/L	ND	10.0	2.8	04/21/21 09:36	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

METHOD BLANK: 3236119

Matrix: Water

Associated Lab Samples: 92525329003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/21/21 09:36	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/21/21 09:36	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/21/21 09:36	
Dibenzofuran	ug/L	ND	10.0	2.1	04/21/21 09:36	
Diethylphthalate	ug/L	ND	10.0	2.0	04/21/21 09:36	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/21/21 09:36	
Fluoranthene	ug/L	ND	10.0	2.2	04/21/21 09:36	
Fluorene	ug/L	ND	10.0	2.1	04/21/21 09:36	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/21/21 09:36	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/21/21 09:36	
Hexachloroethane	ug/L	ND	10.0	1.4	04/21/21 09:36	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/21/21 09:36	
Isophorone	ug/L	ND	10.0	1.7	04/21/21 09:36	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/21/21 09:36	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/21/21 09:36	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/21/21 09:36	
Nitrobenzene	ug/L	ND	10.0	1.9	04/21/21 09:36	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/21/21 09:36	
Phenanthrene	ug/L	ND	10.0	2.0	04/21/21 09:36	
Phenol	ug/L	ND	10.0	1.4	04/21/21 09:36	
Pyrene	ug/L	ND	10.0	2.2	04/21/21 09:36	
2,4,6-Tribromophenol (S)	%	127	10-144		04/21/21 09:36	
2-Fluorobiphenyl (S)	%	106	10-130		04/21/21 09:36	
2-Fluorophenol (S)	%	85	10-130		04/21/21 09:36	
Nitrobenzene-d5 (S)	%	116	10-144		04/21/21 09:36	
Phenol-d6 (S)	%	67	10-130		04/21/21 09:36	
Terphenyl-d14 (S)	%	111	34-163		04/21/21 09:36	

LABORATORY CONTROL SAMPLE: 3236120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	34.7	69	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	34.6	69	28-130	
2,4,5-Trichlorophenol	ug/L	50	46.5	93	35-130	
2,4,6-Trichlorophenol	ug/L	50	43.1	86	31-130	
2,4-Dichlorophenol	ug/L	50	38.1	76	35-130	
2,4-Dimethylphenol	ug/L	50	37.6	75	34-130	
2,4-Dinitrophenol	ug/L	250	287	115	10-153	
2,4-Dinitrotoluene	ug/L	50	57.5	115	37-136	
2,6-Dinitrotoluene	ug/L	50	54.1	108	33-136	
2-Chloronaphthalene	ug/L	50	33.8	68	26-130	
2-Chlorophenol	ug/L	50	34.9	70	37-130	
2-Methylnaphthalene	ug/L	50	33.8	68	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.8	70	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3236120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	98.0	98	37-130	
2-Nitrophenol	ug/L	50	37.4	75	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	34.6	69	34-130	
3,3'-Dichlorobenzidine	ug/L	100	123	123	34-136	
3-Nitroaniline	ug/L	100	111	111	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	122	122	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.3	113	38-130	
4-Chloro-3-methylphenol	ug/L	100	89.9	90	37-130	
4-Chloroaniline	ug/L	100	74.0	74	38-130	
4-Chlorophenylphenyl ether	ug/L	50	47.4	95	33-130	
4-Nitroaniline	ug/L	100	121	121	42-137	
4-Nitrophenol	ug/L	250	170	68	10-130	
Acenaphthene	ug/L	50	43.3	87	33-130	
Acenaphthylene	ug/L	50	43.4	87	35-130	
Aniline	ug/L	50	31.8	64	22-130	
Anthracene	ug/L	50	56.0	112	48-130	
Benzo(a)anthracene	ug/L	50	60.0	120	48-137	
Benzo(b)fluoranthene	ug/L	50	63.0	126	52-138	
Benzo(g,h,i)perylene	ug/L	50	60.2	120	48-140	
Benzo(k)fluoranthene	ug/L	50	60.4	121	48-139	
Benzoic Acid	ug/L	250	146	58	10-130	
Benzyl alcohol	ug/L	100	76.1	76	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	39.4	79	34-130	
bis(2-Chloroethyl) ether	ug/L	50	39.8	80	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	67.4	135	32-165	
Butylbenzylphthalate	ug/L	50	66.4	133	34-161	
Chrysene	ug/L	50	58.2	116	47-131	
Di-n-butylphthalate	ug/L	50	62.3	125	39-144	
Di-n-octylphthalate	ug/L	50	62.1	124	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.7	121	49-138	
Dibenzofuran	ug/L	50	45.1	90	33-130	
Diethylphthalate	ug/L	50	56.7	113	38-131	
Dimethylphthalate	ug/L	50	52.3	105	37-130	
Fluoranthene	ug/L	50	59.5	119	46-137	
Fluorene	ug/L	50	50.2	100	37-130	
Hexachlorobenzene	ug/L	50	49.9	100	38-130	
Hexachlorocyclopentadiene	ug/L	50	23.2	46	10-130	
Hexachloroethane	ug/L	50	21.2	42	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	60.7	121	41-130	
Isophorone	ug/L	50	41.2	82	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	41.6	83	36-130	
N-Nitrosodimethylamine	ug/L	50	32.6	65	34-130	
N-Nitrosodiphenylamine	ug/L	50	53.1	106	37-130	
Nitrobenzene	ug/L	50	36.3	73	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	54.2	108	44-130	
Phenol	ug/L	50	26.3	53	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

LABORATORY CONTROL SAMPLE: 3236120

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	62.3	125	47-134	
2,4,6-Tribromophenol (S)	%			126	10-144	
2-Fluorobiphenyl (S)	%			76	10-130	
2-Fluorophenol (S)	%			54	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			46	10-130	
Terphenyl-d14 (S)	%			102	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3236381 3236382

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912011 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	ND	50	50	50	40.8	35.3	82	71	10-130	15	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	42.0	37.2	84	74	12-142	12	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	52.5	44.1	105	88	10-143	17	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	46.2	38.1	92	76	10-147	19	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	45.1	39.2	90	78	10-138	14	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	44.4	40.9	89	82	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	55.2	26.7J	22	11	10-165		30	
2,4-Dinitrotoluene	ug/L	ND	50	50	50	61.4	58.7	123	117	29-148	4	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	58.7	54.2	117	108	26-146	8	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	40.4	34.4	81	69	11-130	16	30	
2-Chlorophenol	ug/L	ND	50	50	50	42.0	38.0	84	76	10-133	10	30	
2-Methylnaphthalene	ug/L	ND	50	50	50	40.2	35.1	80	70	13-130	14	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	41.2	38.0	82	76	20-130	8	30	
2-Nitroaniline	ug/L	ND	100	100	100	105	95.5	105	95	24-136	10	30	
2-Nitrophenol	ug/L	ND	50	50	50	47.5	41.7	95	83	10-153	13	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	38.8	36.3	78	73	16-130	7	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	127	123	127	123	10-153	3	30	
3-Nitroaniline	ug/L	ND	100	100	100	121	112	121	112	22-151	7	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	89.9	65.0	90	65	10-180	32	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	66.7	58.8	133	118	25-130	13	30	M1
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	102	89.4	102	89	25-133	13	30	
4-Chloroaniline	ug/L	ND	100	100	100	90.8	80.8	91	81	14-132	12	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	54.9	46.6	110	93	19-130	16	30	
4-Nitroaniline	ug/L	ND	100	100	100	125	117	125	117	29-150	6	30	
4-Nitrophenol	ug/L	ND	250	250	250	115	78.4	46	31	10-130	37	30	R1
Acenaphthene	ug/L	ND	50	50	50	47.5	41.3	95	83	16-130	14	30	
Acenaphthylene	ug/L	ND	50	50	50	49.4	42.1	99	84	15-137	16	30	
Aniline	ug/L	ND	50	50	50	39.7	37.2	79	74	10-130	7	30	
Anthracene	ug/L	ND	50	50	50	60.8	59.8	122	120	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	50	50	50	65.9	65.7	132	131	40-145	0	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	68.7	62.7	137	125	39-151	9	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	67.0	62.9	134	126	40-147	6	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

Parameter	Units	3236381		3236382		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	67.7	67.2	135	134	40-146	1	30		
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	87.1	79.4	87	79	25-130	9	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	46.8	41.2	94	82	23-130	13	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	48.4	44.2	97	88	25-130	9	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	68.7	70.1	137	140	28-166	2	30		
Butylbenzylphthalate	ug/L	ND	50	50	70.0	71.4	140	143	33-165	2	30		
Chrysene	ug/L	ND	50	50	63.7	65.0	127	130	38-141	2	30		
Di-n-butylphthalate	ug/L	ND	50	50	66.1	64.8	132	130	32-153	2	30		
Di-n-octylphthalate	ug/L	ND	50	50	65.5	65.6	131	131	30-175	0	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.8	62.1	136	124	39-148	9	30		
Dibenzofuran	ug/L	ND	50	50	51.4	43.8	103	88	20-130	16	30		
Diethylphthalate	ug/L	ND	50	50	60.3	57.4	121	115	28-142	5	30		
Dimethylphthalate	ug/L	ND	50	50	56.8	53.2	114	106	26-136	7	30		
Fluoranthene	ug/L	ND	50	50	66.1	63.8	132	128	39-143	4	30		
Fluorene	ug/L	ND	50	50	55.5	49.8	111	100	24-132	11	30		
Hexachlorobenzene	ug/L	ND	50	50	56.9	55.6	114	111	29-130	2	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	29.9	23.7	60	47	10-130	23	30		
Hexachloroethane	ug/L	ND	50	50	28.5	24.5	57	49	10-130	15	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	67.7	64.2	135	128	39-148	5	30		
Isophorone	ug/L	ND	50	50	46.4	41.2	93	82	23-130	12	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	46.1	41.7	92	83	25-130	10	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	41.0	37.2	82	74	22-130	10	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	58.7	56.3	117	113	26-134	4	30		
Nitrobenzene	ug/L	ND	50	50	45.2	40.6	90	81	25-130	11	30		
Pentachlorophenol	ug/L	ND	100	100	100	80.2	100	80	10-175	22	30		
Phenanthrene	ug/L	ND	50	50	60.6	57.3	121	115	36-133	6	30		
Phenol	ug/L	ND	50	50	30.1	28.2	60	56	10-130	7	30		
Pyrene	ug/L	ND	50	50	65.2	67.5	130	135	40-143	3	30		
2,4,6-Tribromophenol (S)	%						133	124	10-144				
2-Fluorobiphenyl (S)	%						83	74	10-130				
2-Fluorophenol (S)	%						61	57	10-130				
Nitrobenzene-d5 (S)	%						89	82	10-144				
Phenol-d6 (S)	%						51	49	10-130				
Terphenyl-d14 (S)	%						106	115	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

QC Batch: 613325 Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3227999 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	04/13/21 16:42	

LABORATORY CONTROL SAMPLE: 3228000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228001 3228002

Parameter	Units	3228001		3228002		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.							
Alkalinity, Total as CaCO3	mg/L	54.8	50	105	50	100	107	80-120	3	25		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228003 3228004

Parameter	Units	3228003		3228004		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.							
Alkalinity, Total as CaCO3	mg/L	78.0	50	128	50	99	101	80-120	1	25		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch: 613480	Analysis Method: SM 2540C-2011
QC Batch Method: SM 2540C-2011	Analysis Description: 2540C Total Dissolved Solids
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3228968 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	04/14/21 01:15	

LABORATORY CONTROL SAMPLE: 3228969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	251	248	99	90-110	

SAMPLE DUPLICATE: 3229197

Parameter	Units	92532235002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	61.0	66.0	8	25	

SAMPLE DUPLICATE: 3229198

Parameter	Units	92532235003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	84.0	85.0	1	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

QC Batch: 613489 Analysis Method: SM 2540D-2011
QC Batch Method: SM 2540D-2011 Analysis Description: 2540D Total Suspended Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3229020 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	2.5	04/13/21 19:18	

LABORATORY CONTROL SAMPLE: 3229021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	251	242	97	90-110	

SAMPLE DUPLICATE: 3229022

Parameter	Units	92532542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	117	116	1	25	

SAMPLE DUPLICATE: 3229070

Parameter	Units	92532414002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	111	114	3	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch:	613532	Analysis Method:	SM 5210B-2011
QC Batch Method:	SM 5210B-2011	Analysis Description:	5210B BOD, 5 day
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3229193 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	2.0	04/19/21 09:39	

LABORATORY CONTROL SAMPLE: 3229195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	212	107	84.6-115	

SAMPLE DUPLICATE: 3229196

Parameter	Units	92532830001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	241	233	4	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

QC Batch:	614780	Analysis Method:	SM 5220D-2011
QC Batch Method:	SM 5220D-2011	Analysis Description:	5220D COD
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3235373 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	25.0	12.5	04/20/21 05:42	

LABORATORY CONTROL SAMPLE: 3235374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	750	743	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235375 3235376

Parameter	Units	3235375		3235376		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	92531975001 30.6	100	100	136	134	105	103	90-110	2	3

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235377 3235378

Parameter	Units	3235377		3235378		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	92532655001 70.4	100	100	166	169	96	98	90-110	1	3

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

QC Batch: 613721 Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011 Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

METHOD BLANK: 3230045 Matrix: Water
Associated Lab Samples: 92525329001, 92525329002, 92525329003, 92525329004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	04/15/21 02:35	

LABORATORY CONTROL SAMPLE: 3230046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.5	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230047 3230048

Parameter	Units	92524321001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Total Organic Carbon	mg/L	80.3	25	25	94.7	94.2	58	56	90-110	0	10	H1,M6	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230049 3230050

Parameter	Units	92525782002		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec					
Total Organic Carbon	mg/L	ND	25	25	25.1	25.3	98	99	90-110	1	10	H1	

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030491

Pace Project No.: 92525329

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
H1	Analysis conducted outside the EPA method holding time.
H2	Extraction or preparation conducted outside EPA method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030491
Pace Project No.: 92525329

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92525329001	MW-49BR-WS_20210301	EPA 3010A	613328	EPA 6010D	613505
92525329002	FB-03-WQ_20210301	EPA 3010A	613328	EPA 6010D	613505
92525329003	MW-49BR-WS_20210302	EPA 3010A	613328	EPA 6010D	613505
92525329004	FB-04-WQ_20210302	EPA 3010A	613328	EPA 6010D	613505
92525329001	MW-49BR-WS_20210301	EPA 3510C	614497	EPA 8270E	614663
92525329002	FB-03-WQ_20210301	EPA 3510C	614497	EPA 8270E	614663
92525329003	MW-49BR-WS_20210302	EPA 3510C	614955	EPA 8270E	615119
92525329004	FB-04-WQ_20210302	EPA 3510C	614745	EPA 8270E	614822
92525329001	MW-49BR-WS_20210301	EPA 8260D	614060		
92525329002	FB-03-WQ_20210301	EPA 8260D	613412		
92525329003	MW-49BR-WS_20210302	EPA 8260D	614332		
92525329004	FB-04-WQ_20210302	EPA 8260D	613412		
92525329005	TB-04-WQ_20210302	EPA 8260D	614060		
92525329001	MW-49BR-WS_20210301	SM 2320B-2011	613325		
92525329002	FB-03-WQ_20210301	SM 2320B-2011	613325		
92525329003	MW-49BR-WS_20210302	SM 2320B-2011	613325		
92525329004	FB-04-WQ_20210302	SM 2320B-2011	613325		
92525329001	MW-49BR-WS_20210301	SM 2540C-2011	613480		
92525329002	FB-03-WQ_20210301	SM 2540C-2011	613480		
92525329003	MW-49BR-WS_20210302	SM 2540C-2011	613480		
92525329004	FB-04-WQ_20210302	SM 2540C-2011	613480		
92525329001	MW-49BR-WS_20210301	SM 2540D-2011	613489		
92525329002	FB-03-WQ_20210301	SM 2540D-2011	613489		
92525329003	MW-49BR-WS_20210302	SM 2540D-2011	613489		
92525329004	FB-04-WQ_20210302	SM 2540D-2011	613489		
92525329001	MW-49BR-WS_20210301	SM 5210B-2011	613532	SM 5210B-2011	613565
92525329002	FB-03-WQ_20210301	SM 5210B-2011	613532	SM 5210B-2011	613565
92525329003	MW-49BR-WS_20210302	SM 5210B-2011	613532	SM 5210B-2011	613565
92525329004	FB-04-WQ_20210302	SM 5210B-2011	613532	SM 5210B-2011	613565
92525329001	MW-49BR-WS_20210301	SM 5220D-2011	614780	SM 5220D-2011	614809
92525329002	FB-03-WQ_20210301	SM 5220D-2011	614780	SM 5220D-2011	614809
92525329003	MW-49BR-WS_20210302	SM 5220D-2011	614780	SM 5220D-2011	614809
92525329004	FB-04-WQ_20210302	SM 5220D-2011	614780	SM 5220D-2011	614809
92525329001	MW-49BR-WS_20210301	SM 5310B-2011	613721		
92525329002	FB-03-WQ_20210301	SM 5310B-2011	613721		
92525329003	MW-49BR-WS_20210302	SM 5310B-2011	613721		
92525329004	FB-04-WQ_20210302	SM 5310B-2011	613721		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Synterra

Project #:

WO# : 92525329



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *3-3-21 AP*

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: *93-T071* Type of Ice: Wet Blue None

Cooler Temp: *2.4/5.6* Correction Factor: Add/Subtract (°C) *0*

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *2.4/5.6*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No
 Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC? <i>AR 3-3-21</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9.	<i>There are four trip blanks not three.</i>
-Includes Date/Time/ID/Analysis Matrix: <i>WT</i>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 2 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Collform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHG

**Bottom half of box is to list number of bottles

Project #

WO# : 92525329

PM: KLH1

Due Date: 03/10/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (C-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (C-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (C-)	WGFLU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (C-)	AG1N-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (C-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(C-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1	/	1	1	2	1	1	/	/	/	/	/	/	/	/	/	3	/	/	3	/	/	/	/	/	/	2	/	/	/
2	/	1	1	2	1	1	/	/	/	/	/	/	/	/	/	3	/	/	3	/	/	/	/	/	/	2	/	/	/
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12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

April 23, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92525782001	MW-49BR-WS_20210303	Water	03/03/21 13:35	03/04/21 12:00
92525782002	FB-05-WQ_20210303	Water	03/03/21 14:20	03/04/21 12:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92525782001	MW-49BR-WS_20210303	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
		92525782002	FB-05-WQ_20210303	EPA 6010D	KQ
EPA 8270E	PKS			67	PASI-C
EPA 8260D	BSH			62	PASI-C
SM 2320B-2011	ECH			1	PASI-A
SM 2540C-2011	RED			1	PASI-A
SM 2540D-2011	RED			1	PASI-A
SM 5210B-2011	SMK			1	PASI-A
SM 5220D-2011	JP1			1	PASI-A
SM 5310B-2011	JLH			1	PASI-A

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92525782001	MW-49BR-WS_20210303					
EPA 6010D	Calcium	9950	ug/L	100	04/14/21 14:37	
EPA 6010D	Iron	8640	ug/L	50.0	04/14/21 14:37	
EPA 6010D	Magnesium	2860	ug/L	100	04/14/21 14:37	
EPA 6010D	Manganese	138	ug/L	5.0	04/14/21 14:37	
EPA 6010D	Hardness, Total(SM 2340B)	36600	ug/L	662	04/14/21 14:37	
EPA 8270E	Acenaphthene	176	ug/L	100	04/22/21 14:17	H2
EPA 8270E	Acenaphthylene	63.3	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Anthracene	10.2	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Benzyl alcohol	7.3J	ug/L	20.0	04/22/21 11:52	H2
EPA 8270E	Dibenzofuran	17.7	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	2,4-Dimethylphenol	37.0	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Fluoranthene	3.2J	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Fluorene	64.8	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	1-Methylnaphthalene	446	ug/L	100	04/22/21 14:17	H2
EPA 8270E	2-Methylnaphthalene	771	ug/L	100	04/22/21 14:17	H2
EPA 8270E	3&4-Methylphenol(m&p Cresol)	3.1J	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Phenanthrene	67.4	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Phenol	2.9J	ug/L	10.0	04/22/21 11:52	H2
EPA 8270E	Pyrene	5.2J	ug/L	10.0	04/22/21 11:52	H2
EPA 8260D	Benzene	518	ug/L	25.0	04/16/21 01:09	H1
EPA 8260D	Ethylbenzene	200	ug/L	25.0	04/16/21 01:09	H1
EPA 8260D	Naphthalene	4050	ug/L	25.0	04/16/21 01:09	H1
EPA 8260D	Toluene	74.8	ug/L	25.0	04/16/21 01:09	H1
EPA 8260D	Xylene (Total)	172	ug/L	25.0	04/16/21 01:09	
EPA 8260D	m&p-Xylene	104	ug/L	50.0	04/16/21 01:09	H1
EPA 8260D	o-Xylene	67.4	ug/L	25.0	04/16/21 01:09	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	136	mg/L	5.0	04/13/21 18:53	H3
SM 2540C-2011	Total Dissolved Solids	188	mg/L	25.0	04/14/21 01:16	H1
SM 2540D-2011	Total Suspended Solids	15.8	mg/L	2.5	04/13/21 19:22	H1
SM 5210B-2011	BOD, 5 day	2.8	mg/L	2.0	04/19/21 10:16	H1,H2
SM 5310B-2011	Total Organic Carbon	4.4	mg/L	1.0	04/15/21 07:02	H1

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Method: EPA 6010D
Description: 6010 MET ICP
Client: Duke Energy
Date: April 23, 2021

General Information:

2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613328

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3228029)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

R1: RPD value was outside control limits.

- MSD (Lab ID: 3228030)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 23, 2021

General Information:

2 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 23, 2021

General Information:

2 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3228523)
 - Chloroethane
- FB-05-WQ_20210303 (Lab ID: 92525782002)
 - Chloroethane
- LCS (Lab ID: 3228524)
 - Chloroethane
- LCSD (Lab ID: 3230895)
 - Chloroethane

QC Batch: 614060

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3231905)
 - Chloroethane
- LCS (Lab ID: 3231906)
 - Chloroethane
- MW-49BR-WS_20210303 (Lab ID: 92525782001)
 - Chloroethane

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3228523)
 - Carbon tetrachloride
- FB-05-WQ_20210303 (Lab ID: 92525782002)
 - Carbon tetrachloride

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 23, 2021

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- LCS (Lab ID: 3228524)
 - Carbon tetrachloride
- LCSD (Lab ID: 3230895)
 - Carbon tetrachloride

QC Batch: 614060

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3231905)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- LCS (Lab ID: 3231906)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- MW-49BR-WS_20210303 (Lab ID: 92525782001)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 614060

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3231906)
 - Vinyl acetate

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 23, 2021

QC Batch: 614060

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524326002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3231907)
 - Naphthalene
- MSD (Lab ID: 3231908)
 - Naphthalene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: SM 2320B-2011

Description: 2320B Alkalinity

Client: Duke Energy

Date: April 23, 2021

General Information:

2 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Method: SM 2540C-2011
Description: 2540C Total Dissolved Solids
Client: Duke Energy
Date: April 23, 2021

General Information:

2 samples were analyzed for SM 2540C-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: SM 2540D-2011

Description: 2540D Total Suspended Solids

Client: Duke Energy

Date: April 23, 2021

General Information:

2 samples were analyzed for SM 2540D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Method: SM 5210B-2011
Description: 5210B BOD, 5 day
Client: Duke Energy
Date: April 23, 2021

General Information:

2 samples were analyzed for SM 5210B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Sample Preparation:

The samples were prepared in accordance with with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Method: SM 5220D-2011

Description: 5220D COD

Client: Duke Energy

Date: April 23, 2021

General Information:

2 samples were analyzed for SM 5220D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Sample Preparation:

The samples were prepared in accordance with SM 5220D-2011 with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614803

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92533622001,92533622003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3235398)
 - Chemical Oxygen Demand
- MSD (Lab ID: 3235399)
 - Chemical Oxygen Demand
- MSD (Lab ID: 3235401)
 - Chemical Oxygen Demand

R1: RPD value was outside control limits.

- MSD (Lab ID: 3235399)
 - Chemical Oxygen Demand
- MSD (Lab ID: 3235401)
 - Chemical Oxygen Demand

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Method: SM 5310B-2011
Description: 5310B TOC
Client: Duke Energy
Date: April 23, 2021

General Information:

2 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-05-WQ_20210303 (Lab ID: 92525782002)
- MW-49BR-WS_20210303 (Lab ID: 92525782001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613721

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001,92525782002

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3230047)
 - Total Organic Carbon
- MSD (Lab ID: 3230048)
 - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: MW-49BR-WS_20210303 Lab ID: 92525782001 Collected: 03/03/21 13:35 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	9950	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:37	7440-70-2	
Iron	8640	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:37	7439-89-6	
Magnesium	2860	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:37	7439-95-4	
Manganese	138	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:37	7439-96-5	
Hardness, Total(SM 2340B)	36600	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:37		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	176	ug/L	100	20.1	10	04/22/21 08:51	04/22/21 14:17	83-32-9	H2
Acenaphthylene	63.3	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 11:52	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 11:52	62-53-3	H2
Anthracene	10.2	ug/L	10.0	2.3	1	04/22/21 08:51	04/22/21 11:52	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/22/21 08:51	04/22/21 11:52	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/22/21 08:51	04/22/21 11:52	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/22/21 08:51	04/22/21 11:52	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/22/21 08:51	04/22/21 11:52	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/22/21 08:51	04/22/21 11:52	65-85-0	H2
Benzyl alcohol	7.3J	ug/L	20.0	2.9	1	04/22/21 08:51	04/22/21 11:52	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/22/21 08:51	04/22/21 11:52	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/22/21 08:51	04/22/21 11:52	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/22/21 08:51	04/22/21 11:52	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/22/21 08:51	04/22/21 11:52	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/22/21 08:51	04/22/21 11:52	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 11:52	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 11:52	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 11:52	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 11:52	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/22/21 08:51	04/22/21 11:52	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/22/21 08:51	04/22/21 11:52	53-70-3	H2
Dibenzofuran	17.7	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 11:52	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/22/21 08:51	04/22/21 11:52	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 11:52	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 11:52	84-66-2	H2
2,4-Dimethylphenol	37.0	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 11:52	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 11:52	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 11:52	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/22/21 08:51	04/22/21 11:52	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/22/21 08:51	04/22/21 11:52	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 11:52	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 11:52	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/22/21 08:51	04/22/21 11:52	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/22/21 08:51	04/22/21 11:52	117-81-7	H2
Fluoranthene	3.2J	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 11:52	206-44-0	H2
Fluorene	64.8	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 11:52	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 11:52	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: MW-49BR-WS_20210303 Lab ID: 92525782001 Collected: 03/03/21 13:35 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 11:52	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 11:52	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/22/21 08:51	04/22/21 11:52	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 11:52	78-59-1	H2
1-Methylnaphthalene	446	ug/L	100	20.3	10	04/22/21 08:51	04/22/21 14:17	90-12-0	H2
2-Methylnaphthalene	771	ug/L	100	18.7	10	04/22/21 08:51	04/22/21 14:17	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 11:52	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	3.1J	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 11:52	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/22/21 08:51	04/22/21 11:52	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/22/21 08:51	04/22/21 11:52	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/22/21 08:51	04/22/21 11:52	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 11:52	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 11:52	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/22/21 08:51	04/22/21 11:52	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 11:52	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/22/21 08:51	04/22/21 11:52	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/22/21 08:51	04/22/21 11:52	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 11:52	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/22/21 08:51	04/22/21 11:52	87-86-5	H2
Phenanthrene	67.4	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 11:52	85-01-8	H2
Phenol	2.9J	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 11:52	108-95-2	H2
Pyrene	5.2J	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 11:52	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 11:52	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 11:52	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-144		1	04/22/21 08:51	04/22/21 11:52	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	04/22/21 08:51	04/22/21 11:52	321-60-8	
Terphenyl-d14 (S)	86	%	34-163		1	04/22/21 08:51	04/22/21 11:52	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	04/22/21 08:51	04/22/21 11:52	13127-88-3	
2-Fluorophenol (S)	68	%	10-130		1	04/22/21 08:51	04/22/21 11:52	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-144		1	04/22/21 08:51	04/22/21 11:52	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	625	128	25		04/16/21 01:09	67-64-1	H1,v1
Benzene	518	ug/L	25.0	8.6	25		04/16/21 01:09	71-43-2	H1
Bromobenzene	ND	ug/L	25.0	7.2	25		04/16/21 01:09	108-86-1	H1
Bromochloromethane	ND	ug/L	25.0	11.7	25		04/16/21 01:09	74-97-5	H1
Bromodichloromethane	ND	ug/L	25.0	7.7	25		04/16/21 01:09	75-27-4	H1
Bromoform	ND	ug/L	25.0	8.5	25		04/16/21 01:09	75-25-2	H1
Bromomethane	ND	ug/L	50.0	41.5	25		04/16/21 01:09	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	125	99.0	25		04/16/21 01:09	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		04/16/21 01:09	56-23-5	H1
Chlorobenzene	ND	ug/L	25.0	7.1	25		04/16/21 01:09	108-90-7	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: MW-49BR-WS_20210303 Lab ID: 92525782001 Collected: 03/03/21 13:35 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/L	25.0	16.2	25		04/16/21 01:09	75-00-3	H1,IK,v1
Chloroform	ND	ug/L	125	39.0	25		04/16/21 01:09	67-66-3	H1
Chloromethane	ND	ug/L	25.0	13.5	25		04/16/21 01:09	74-87-3	H1
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		04/16/21 01:09	95-49-8	H1
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		04/16/21 01:09	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		04/16/21 01:09	96-12-8	H1
Dibromochloromethane	ND	ug/L	25.0	9.0	25		04/16/21 01:09	124-48-1	H1
Dibromomethane	ND	ug/L	25.0	9.8	25		04/16/21 01:09	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/16/21 01:09	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/16/21 01:09	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		04/16/21 01:09	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		04/16/21 01:09	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		04/16/21 01:09	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		04/16/21 01:09	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		04/16/21 01:09	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		04/16/21 01:09	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		04/16/21 01:09	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		04/16/21 01:09	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		04/16/21 01:09	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		04/16/21 01:09	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		04/16/21 01:09	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/16/21 01:09	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/16/21 01:09	10061-02-6	H1
Diisopropyl ether	ND	ug/L	25.0	7.7	25		04/16/21 01:09	108-20-3	H1
Ethylbenzene	200	ug/L	25.0	7.6	25		04/16/21 01:09	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		04/16/21 01:09	87-68-3	H1
2-Hexanone	ND	ug/L	125	11.9	25		04/16/21 01:09	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		04/16/21 01:09	99-87-6	H1
Methylene Chloride	ND	ug/L	125	48.8	25		04/16/21 01:09	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		04/16/21 01:09	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		04/16/21 01:09	1634-04-4	H1
Naphthalene	4050	ug/L	25.0	16.1	25		04/16/21 01:09	91-20-3	H1
Styrene	ND	ug/L	25.0	7.3	25		04/16/21 01:09	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		04/16/21 01:09	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		04/16/21 01:09	79-34-5	H1
Tetrachloroethene	ND	ug/L	25.0	7.3	25		04/16/21 01:09	127-18-4	H1
Toluene	74.8	ug/L	25.0	12.1	25		04/16/21 01:09	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		04/16/21 01:09	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		04/16/21 01:09	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		04/16/21 01:09	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		04/16/21 01:09	79-00-5	H1
Trichloroethene	ND	ug/L	25.0	9.6	25		04/16/21 01:09	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		04/16/21 01:09	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		04/16/21 01:09	96-18-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: MW-49BR-WS_20210303 **Lab ID: 92525782001** Collected: 03/03/21 13:35 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Vinyl acetate	ND	ug/L	50.0	32.8	25		04/16/21 01:09	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	25.0	9.6	25		04/16/21 01:09	75-01-4	H1
Xylene (Total)	172	ug/L	25.0	8.4	25		04/16/21 01:09	1330-20-7	
m&p-Xylene	104	ug/L	50.0	17.7	25		04/16/21 01:09	179601-23-1	H1
o-Xylene	67.4	ug/L	25.0	8.4	25		04/16/21 01:09	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		25		04/16/21 01:09	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		25		04/16/21 01:09	17060-07-0	
Toluene-d8 (S)	107	%	70-130		25		04/16/21 01:09	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	136	mg/L	5.0	5.0	1		04/13/21 18:53		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	188	mg/L	25.0	25.0	1		04/14/21 01:16		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011									
Pace Analytical Services - Asheville									
Total Suspended Solids	15.8	mg/L	2.5	2.5	1		04/13/21 19:22		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011									
Pace Analytical Services - Asheville									
BOD, 5 day	2.8	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:16		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011									
Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/21/21 01:27	04/21/21 06:30		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	4.4	mg/L	1.0	0.50	1		04/15/21 07:02	7440-44-0	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: FB-05-WQ_20210303 **Lab ID: 92525782002** Collected: 03/03/21 14:20 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:41	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:41	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:41	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:41	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:41		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 12:21	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/22/21 08:51	04/22/21 12:21	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/22/21 08:51	04/22/21 12:21	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/22/21 08:51	04/22/21 12:21	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/22/21 08:51	04/22/21 12:21	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/22/21 08:51	04/22/21 12:21	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/22/21 08:51	04/22/21 12:21	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/22/21 08:51	04/22/21 12:21	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/22/21 08:51	04/22/21 12:21	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/22/21 08:51	04/22/21 12:21	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/22/21 08:51	04/22/21 12:21	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/22/21 08:51	04/22/21 12:21	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/22/21 08:51	04/22/21 12:21	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 12:21	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 12:21	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 12:21	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/22/21 08:51	04/22/21 12:21	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/22/21 08:51	04/22/21 12:21	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 12:21	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/22/21 08:51	04/22/21 12:21	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 12:21	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 12:21	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 12:21	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 12:21	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/22/21 08:51	04/22/21 12:21	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/22/21 08:51	04/22/21 12:21	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 12:21	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 12:21	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/22/21 08:51	04/22/21 12:21	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/22/21 08:51	04/22/21 12:21	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 12:21	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/22/21 08:51	04/22/21 12:21	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 12:21	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: FB-05-WQ_20210303 **Lab ID: 92525782002** Collected: 03/03/21 14:20 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 12:21	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 12:21	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/22/21 08:51	04/22/21 12:21	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/22/21 08:51	04/22/21 12:21	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 12:21	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 12:21	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 12:21	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/22/21 08:51	04/22/21 12:21	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/22/21 08:51	04/22/21 12:21	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/22/21 08:51	04/22/21 12:21	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 12:21	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 12:21	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/22/21 08:51	04/22/21 12:21	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/22/21 08:51	04/22/21 12:21	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/22/21 08:51	04/22/21 12:21	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/22/21 08:51	04/22/21 12:21	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/22/21 08:51	04/22/21 12:21	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/22/21 08:51	04/22/21 12:21	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/22/21 08:51	04/22/21 12:21	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 12:21	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/22/21 08:51	04/22/21 12:21	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/22/21 08:51	04/22/21 12:21	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/22/21 08:51	04/22/21 12:21	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-144		1	04/22/21 08:51	04/22/21 12:21	4165-60-0	
2-Fluorobiphenyl (S)	90	%	10-130		1	04/22/21 08:51	04/22/21 12:21	321-60-8	
Terphenyl-d14 (S)	93	%	34-163		1	04/22/21 08:51	04/22/21 12:21	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/22/21 08:51	04/22/21 12:21	13127-88-3	
2-Fluorophenol (S)	39	%	10-130		1	04/22/21 08:51	04/22/21 12:21	367-12-4	
2,4,6-Tribromophenol (S)	60	%	10-144		1	04/22/21 08:51	04/22/21 12:21	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 15:35	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 15:35	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 15:35	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 15:35	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 15:35	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 15:35	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 15:35	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 15:35	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 15:35	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 15:35	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 15:35	75-00-3	H1,IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Sample Project No.: 92525782

Sample: **FB-05-WQ_20210303** Lab ID: **92525782002** Collected: 03/03/21 14:20 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	04/14/21 15:35	67-66-3	H1	
Chloromethane	ND	ug/L	1.0	0.54	1	04/14/21 15:35	74-87-3	H1	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/14/21 15:35	95-49-8	H1	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/14/21 15:35	106-43-4	H1	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	04/14/21 15:35	96-12-8	H1	
Dibromochloromethane	ND	ug/L	1.0	0.36	1	04/14/21 15:35	124-48-1	H1	
Dibromomethane	ND	ug/L	1.0	0.39	1	04/14/21 15:35	74-95-3	H1	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/14/21 15:35	95-50-1	H1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/14/21 15:35	541-73-1	H1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	04/14/21 15:35	106-46-7	H1	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	04/14/21 15:35	75-71-8	H1	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	04/14/21 15:35	75-34-3	H1	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	04/14/21 15:35	107-06-2	H1	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	04/14/21 15:35	75-35-4	H1	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	04/14/21 15:35	156-59-2	H1	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	04/14/21 15:35	156-60-5	H1	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	04/14/21 15:35	78-87-5	H1	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	04/14/21 15:35	142-28-9	H1	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	04/14/21 15:35	594-20-7	H1	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	04/14/21 15:35	563-58-6	H1	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/14/21 15:35	10061-01-5	H1	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/14/21 15:35	10061-02-6	H1	
Diisopropyl ether	ND	ug/L	1.0	0.31	1	04/14/21 15:35	108-20-3	H1	
Ethylbenzene	ND	ug/L	1.0	0.30	1	04/14/21 15:35	100-41-4	H1	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	04/14/21 15:35	87-68-3	H1	
2-Hexanone	ND	ug/L	5.0	0.48	1	04/14/21 15:35	591-78-6	H1	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	04/14/21 15:35	99-87-6	H1	
Methylene Chloride	ND	ug/L	5.0	2.0	1	04/14/21 15:35	75-09-2	H1	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	04/14/21 15:35	108-10-1	H1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	04/14/21 15:35	1634-04-4	H1	
Naphthalene	ND	ug/L	1.0	0.64	1	04/14/21 15:35	91-20-3	H1	
Styrene	ND	ug/L	1.0	0.29	1	04/14/21 15:35	100-42-5	H1	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	04/14/21 15:35	630-20-6	H1	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	04/14/21 15:35	79-34-5	H1	
Tetrachloroethene	ND	ug/L	1.0	0.29	1	04/14/21 15:35	127-18-4	H1	
Toluene	ND	ug/L	1.0	0.48	1	04/14/21 15:35	108-88-3	H1	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	04/14/21 15:35	87-61-6	H1	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	04/14/21 15:35	120-82-1	H1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	04/14/21 15:35	71-55-6	H1	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	04/14/21 15:35	79-00-5	H1	
Trichloroethene	ND	ug/L	1.0	0.38	1	04/14/21 15:35	79-01-6	H1	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	04/14/21 15:35	75-69-4	H1	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	04/14/21 15:35	96-18-4	H1	
Vinyl acetate	ND	ug/L	2.0	1.3	1	04/14/21 15:35	108-05-4	H1	
Vinyl chloride	ND	ug/L	1.0	0.39	1	04/14/21 15:35	75-01-4	H1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Sample: FB-05-WQ_20210303 **Lab ID: 92525782002** Collected: 03/03/21 14:20 Received: 03/04/21 12:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 15:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 15:35	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 15:35	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		04/14/21 15:35	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		04/14/21 15:35	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		04/14/21 15:35	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 19:04		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:17		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011									
Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	2.5	2.5	1		04/13/21 19:23		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011									
Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:21		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011									
Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/21/21 01:27	04/21/21 06:30		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		04/15/21 07:21	7440-44-0	H1

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

QC Batch: 613328 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3228027 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	ug/L	ND	100	94.2	04/14/21 13:35	
Hardness, Total(SM 2340B)	ug/L	178J	662	131	04/14/21 13:35	
Iron	ug/L	ND	50.0	41.5	04/14/21 13:35	
Magnesium	ug/L	ND	100	67.8	04/14/21 13:35	
Manganese	ug/L	ND	5.0	3.4	04/14/21 13:35	

LABORATORY CONTROL SAMPLE: 3228028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	5000	4610	92	80-120	
Hardness, Total(SM 2340B)	ug/L	33100	30800	93	80-120	
Iron	ug/L	5000	4850	97	80-120	
Magnesium	ug/L	5000	4690	94	80-120	
Manganese	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228029 3228030

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92524321001 Result	Spike Conc.	Spike Conc.	Result							Result
Calcium	ug/L	ND	5000	5000	2370	4700	46	93	75-125	66	20	M1,R1
Hardness, Total(SM 2340B)	ug/L	252J	33100	33100	15900	31600	47	95	75-125	66		
Iron	ug/L	49.4J	5000	5000	2090	4970	41	98	75-125	82	20	M1,R1
Magnesium	ug/L	ND	5000	5000	2420	4830	48	96	75-125	67	20	M1,R1
Manganese	ug/L	ND	500	500	167	473	33	94	75-125	96	20	M1,R1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 613412

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525782002

METHOD BLANK: 3228523

Matrix: Water

Associated Lab Samples: 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/14/21 12:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/14/21 12:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/14/21 12:34	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/14/21 12:34	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/14/21 12:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/14/21 12:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/14/21 12:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/14/21 12:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/14/21 12:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/14/21 12:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/14/21 12:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/14/21 12:34	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/14/21 12:34	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/14/21 12:34	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
2-Hexanone	ug/L	ND	5.0	0.48	04/14/21 12:34	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/14/21 12:34	
Acetone	ug/L	ND	25.0	5.1	04/14/21 12:34	
Benzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromobenzene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Bromochloromethane	ug/L	ND	1.0	0.47	04/14/21 12:34	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
Bromoform	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromomethane	ug/L	ND	2.0	1.7	04/14/21 12:34	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/14/21 12:34	v1
Chlorobenzene	ug/L	ND	1.0	0.28	04/14/21 12:34	
Chloroethane	ug/L	ND	1.0	0.65	04/14/21 12:34	IK
Chloroform	ug/L	ND	5.0	1.6	04/14/21 12:34	
Chloromethane	ug/L	ND	1.0	0.54	04/14/21 12:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromomethane	ug/L	ND	1.0	0.39	04/14/21 12:34	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/14/21 12:34	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

METHOD BLANK: 3228523 Matrix: Water
Associated Lab Samples: 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/14/21 12:34	
Ethylbenzene	ug/L	ND	1.0	0.30	04/14/21 12:34	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/14/21 12:34	
m&p-Xylene	ug/L	ND	2.0	0.71	04/14/21 12:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/14/21 12:34	
Methylene Chloride	ug/L	ND	5.0	2.0	04/14/21 12:34	
Naphthalene	ug/L	ND	1.0	0.64	04/14/21 12:34	
o-Xylene	ug/L	ND	1.0	0.34	04/14/21 12:34	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/14/21 12:34	
Styrene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Toluene	ug/L	ND	1.0	0.48	04/14/21 12:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/14/21 12:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Trichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/14/21 12:34	
Vinyl acetate	ug/L	ND	2.0	1.3	04/14/21 12:34	
Vinyl chloride	ug/L	ND	1.0	0.39	04/14/21 12:34	
Xylene (Total)	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane-d4 (S)	%	117	70-130		04/14/21 12:34	
4-Bromofluorobenzene (S)	%	107	70-130		04/14/21 12:34	
Toluene-d8 (S)	%	98	70-130		04/14/21 12:34	

LABORATORY CONTROL SAMPLE & LCSD: 3228524 3230895

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.1	58.5	110	117	70-130	6	30	
1,1,1-Trichloroethane	ug/L	50	55.1	57.3	110	115	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	52.2	101	104	70-130	3	30	
1,1,2-Trichloroethane	ug/L	50	51.6	51.8	103	104	70-130	0	30	
1,1-Dichloroethane	ug/L	50	48.0	49.7	96	99	70-130	3	30	
1,1-Dichloroethene	ug/L	50	52.8	53.9	106	108	70-130	2	30	
1,1-Dichloropropene	ug/L	50	48.7	52.6	97	105	70-130	8	30	
1,2,3-Trichlorobenzene	ug/L	50	56.6	56.8	113	114	70-130	0	30	
1,2,3-Trichloropropane	ug/L	50	52.8	54.0	106	108	70-130	2	30	
1,2,4-Trichlorobenzene	ug/L	50	56.5	58.3	113	117	70-130	3	30	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	55.0	108	110	70-130	2	30	
1,2-Dichlorobenzene	ug/L	50	53.3	55.5	107	111	70-130	4	30	
1,2-Dichloroethane	ug/L	50	54.3	55.8	109	112	70-130	3	30	
1,2-Dichloropropane	ug/L	50	46.4	46.9	93	94	70-130	1	30	
1,3-Dichlorobenzene	ug/L	50	53.0	54.1	106	108	70-130	2	30	
1,3-Dichloropropane	ug/L	50	52.1	54.4	104	109	70-130	4	30	
1,4-Dichlorobenzene	ug/L	50	52.2	53.5	104	107	70-130	2	30	
2,2-Dichloropropane	ug/L	50	55.7	59.1	111	118	70-130	6	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

LABORATORY CONTROL SAMPLE & LCSD: 3228524		3230895									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
2-Butanone (MEK)	ug/L	100	103	102	103	102	70-130	1	30		
2-Chlorotoluene	ug/L	50	52.0	54.9	104	110	70-130	5	30		
2-Hexanone	ug/L	100	107	112	107	112	70-130	4	30		
4-Chlorotoluene	ug/L	50	51.4	53.2	103	106	70-130	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	109	106	109	70-130	2	30		
Acetone	ug/L	100	101	101	101	101	70-130	0	30		
Benzene	ug/L	50	46.8	48.5	94	97	70-130	3	30		
Bromobenzene	ug/L	50	52.9	53.7	106	107	70-130	1	30		
Bromochloromethane	ug/L	50	47.6	49.2	95	98	70-130	3	30		
Bromodichloromethane	ug/L	50	51.3	52.9	103	106	70-130	3	30		
Bromoform	ug/L	50	58.4	61.3	117	123	70-130	5	30		
Bromomethane	ug/L	50	46.0	48.5	92	97	70-130	5	30		
Carbon tetrachloride	ug/L	50	58.1	60.1	116	120	70-130	3	30 v1		
Chlorobenzene	ug/L	50	52.1	53.8	104	108	70-130	3	30		
Chloroethane	ug/L	50	40.3	45.6	81	91	70-130	12	30 IK		
Chloroform	ug/L	50	49.0	49.1	98	98	70-130	0	30		
Chloromethane	ug/L	50	38.8	41.3	78	83	70-130	6	30		
cis-1,2-Dichloroethene	ug/L	50	48.4	48.5	97	97	70-130	0	30		
cis-1,3-Dichloropropene	ug/L	50	50.2	51.4	100	103	70-130	2	30		
Dibromochloromethane	ug/L	50	58.2	58.8	116	118	70-130	1	30		
Dibromomethane	ug/L	50	53.4	55.3	107	111	70-130	3	30		
Dichlorodifluoromethane	ug/L	50	47.6	48.9	95	98	70-130	3	30		
Diisopropyl ether	ug/L	50	45.2	46.6	90	93	70-130	3	30		
Ethylbenzene	ug/L	50	50.8	54.1	102	108	70-130	6	30		
Hexachloro-1,3-butadiene	ug/L	50	55.7	58.0	111	116	70-130	4	30		
m&p-Xylene	ug/L	100	109	112	109	112	70-130	3	30		
Methyl-tert-butyl ether	ug/L	50	50.7	52.5	101	105	70-130	3	30		
Methylene Chloride	ug/L	50	44.2	45.2	88	90	70-130	2	30		
Naphthalene	ug/L	50	53.7	55.5	107	111	70-130	3	30		
o-Xylene	ug/L	50	51.4	53.4	103	107	70-130	4	30		
p-Isopropyltoluene	ug/L	50	49.9	52.4	100	105	70-130	5	30		
Styrene	ug/L	50	53.1	55.3	106	111	70-130	4	30		
Tetrachloroethene	ug/L	50	52.5	54.7	105	109	70-130	4	30		
Toluene	ug/L	50	47.7	49.5	95	99	70-130	4	30		
trans-1,2-Dichloroethene	ug/L	50	47.1	49.2	94	98	70-130	4	30		
trans-1,3-Dichloropropene	ug/L	50	51.8	53.7	104	107	70-130	3	30		
Trichloroethene	ug/L	50	52.5	53.0	105	106	70-130	1	30		
Trichlorofluoromethane	ug/L	50	50.6	51.7	101	103	70-130	2	30		
Vinyl acetate	ug/L	100	108	112	108	112	70-130	4	30		
Vinyl chloride	ug/L	50	38.5	39.6	77	79	70-130	3	30		
Xylene (Total)	ug/L	150	160	165	107	110	70-130	3	30		
1,2-Dichloroethane-d4 (S)	%				107	113	70-130				
4-Bromofluorobenzene (S)	%				107	108	70-130				
Toluene-d8 (S)	%				96	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 614060

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525782001

METHOD BLANK: 3231905

Matrix: Water

Associated Lab Samples: 92525782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/15/21 15:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/15/21 15:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/15/21 15:33	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/15/21 15:33	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/15/21 15:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/15/21 15:33	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/15/21 15:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/15/21 15:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/15/21 15:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/15/21 15:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/15/21 15:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/15/21 15:33	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/15/21 15:33	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/15/21 15:33	v1
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
2-Hexanone	ug/L	ND	5.0	0.48	04/15/21 15:33	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/15/21 15:33	
Acetone	ug/L	ND	25.0	5.1	04/15/21 15:33	v1
Benzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromobenzene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Bromochloromethane	ug/L	ND	1.0	0.47	04/15/21 15:33	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
Bromoform	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromomethane	ug/L	ND	2.0	1.7	04/15/21 15:33	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/15/21 15:33	
Chlorobenzene	ug/L	ND	1.0	0.28	04/15/21 15:33	
Chloroethane	ug/L	ND	1.0	0.65	04/15/21 15:33	IK,v1
Chloroform	ug/L	ND	5.0	1.6	04/15/21 15:33	
Chloromethane	ug/L	ND	1.0	0.54	04/15/21 15:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromomethane	ug/L	ND	1.0	0.39	04/15/21 15:33	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/15/21 15:33	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

METHOD BLANK: 3231905

Matrix: Water

Associated Lab Samples: 92525782001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/15/21 15:33	
Ethylbenzene	ug/L	ND	1.0	0.30	04/15/21 15:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/15/21 15:33	
m&p-Xylene	ug/L	ND	2.0	0.71	04/15/21 15:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/15/21 15:33	
Methylene Chloride	ug/L	ND	5.0	2.0	04/15/21 15:33	
Naphthalene	ug/L	ND	1.0	0.64	04/15/21 15:33	
o-Xylene	ug/L	ND	1.0	0.34	04/15/21 15:33	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/15/21 15:33	
Styrene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Toluene	ug/L	ND	1.0	0.48	04/15/21 15:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/15/21 15:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Trichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/15/21 15:33	
Vinyl acetate	ug/L	ND	2.0	1.3	04/15/21 15:33	
Vinyl chloride	ug/L	ND	1.0	0.39	04/15/21 15:33	
Xylene (Total)	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane-d4 (S)	%	99	70-130		04/15/21 15:33	
4-Bromofluorobenzene (S)	%	104	70-130		04/15/21 15:33	
Toluene-d8 (S)	%	109	70-130		04/15/21 15:33	

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.0	110	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-130	
1,1-Dichloropropene	ug/L	50	54.8	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.4	103	70-130	
1,2,3-Trichloropropane	ug/L	50	53.1	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	52.2	104	70-130	
1,2-Dichloropropane	ug/L	50	54.1	108	70-130	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,3-Dichloropropane	ug/L	50	56.8	114	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	55.4	111	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	129	129	70-130	v1
2-Chlorotoluene	ug/L	50	52.5	105	70-130	
2-Hexanone	ug/L	100	112	112	70-130	
4-Chlorotoluene	ug/L	50	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	128	128	70-130	v1
Benzene	ug/L	50	51.3	103	70-130	
Bromobenzene	ug/L	50	54.3	109	70-130	
Bromochloromethane	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	58.2	116	70-130	
Bromomethane	ug/L	50	51.5	103	70-130	
Carbon tetrachloride	ug/L	50	49.5	99	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	53.9	108	70-130	IK,v1
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	49.9	100	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.2	114	70-130	
Dibromochloromethane	ug/L	50	60.2	120	70-130	
Dibromomethane	ug/L	50	53.3	107	70-130	
Dichlorodifluoromethane	ug/L	50	49.4	99	70-130	
Diisopropyl ether	ug/L	50	56.5	113	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	57.8	116	70-130	
Methylene Chloride	ug/L	50	51.8	104	70-130	
Naphthalene	ug/L	50	54.0	108	70-130	
o-Xylene	ug/L	50	51.1	102	70-130	
p-Isopropyltoluene	ug/L	50	49.4	99	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.6	115	70-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	136	136	70-130	L1
Vinyl chloride	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Peace Project No.: 92525782

Parameter	Units	92524326002		3231907		3231908		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	212	216	106	108	73-134	2	30	H1		
1,1,1-Trichloroethane	ug/L	ND	200	200	203	206	101	103	82-143	2	30	H1		
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	195	100	97	70-136	3	30	H1		
1,1,2-Trichloroethane	ug/L	ND	200	200	218	209	109	105	70-135	4	30	H1		
1,1-Dichloroethane	ug/L	ND	200	200	192	177	96	88	70-139	8	30	H1		
1,1-Dichloroethene	ug/L	ND	200	200	219	225	109	112	70-154	3	30	H1		
1,1-Dichloropropene	ug/L	ND	200	200	206	228	103	114	70-149	10	30	H1		
1,2,3-Trichlorobenzene	ug/L	ND	200	200	232	224	116	112	70-135	3	30	H1		
1,2,3-Trichloropropane	ug/L	ND	200	200	204	202	102	101	71-137	1	30	H1		
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	225	110	113	73-140	2	30	H1		
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	220	212	110	106	65-134	4	30	H1		
1,2-Dichlorobenzene	ug/L	ND	200	200	211	212	105	106	70-133	0	30	H1		
1,2-Dichloroethane	ug/L	ND	200	200	186	185	93	92	70-137	0	30	H1		
1,2-Dichloropropane	ug/L	ND	200	200	205	207	102	104	70-140	1	30	H1		
1,3-Dichlorobenzene	ug/L	ND	200	200	210	217	105	108	70-135	3	30	H1		
1,3-Dichloropropane	ug/L	ND	200	200	202	205	101	102	70-143	1	30	H1		
1,4-Dichlorobenzene	ug/L	ND	200	200	215	213	107	106	70-133	1	30	H1		
2,2-Dichloropropane	ug/L	ND	200	200	210	216	105	108	61-148	3	30	H1		
2-Butanone (MEK)	ug/L	ND	400	400	411	443	103	111	60-139	8	30	H1		
2-Chlorotoluene	ug/L	ND	200	200	219	219	110	110	70-144	0	30	H1		
2-Hexanone	ug/L	ND	400	400	422	408	106	102	65-138	3	30	H1		
4-Chlorotoluene	ug/L	ND	200	200	209	212	104	106	70-137	2	30	H1		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	421	413	105	103	65-135	2	30	H1		
Acetone	ug/L	ND	400	400	406	335	102	84	60-148	19	30	H1		
Benzene	ug/L	49.4	200	200	263	268	107	109	70-151	2	30	H1		
Bromobenzene	ug/L	ND	200	200	221	218	111	109	70-136	2	30	H1		
Bromochloromethane	ug/L	ND	200	200	197	211	99	106	70-141	7	30	H1		
Bromodichloromethane	ug/L	ND	200	200	215	212	108	106	70-138	1	30	H1		
Bromoform	ug/L	ND	200	200	195	200	98	100	63-130	2	30	H1		
Bromomethane	ug/L	ND	200	200	228	235	114	118	15-152	3	30	H1		
Carbon tetrachloride	ug/L	ND	200	200	241	243	120	122	70-143	1	30	H1		
Chlorobenzene	ug/L	ND	200	200	175	176	88	88	70-138	0	30	H1		
Chloroethane	ug/L	ND	200	200	226	224	113	112	52-163	1	30	H1		
Chloroform	ug/L	ND	200	200	206	213	103	106	70-139	3	30	H1		
Chloromethane	ug/L	ND	200	200	192	196	96	98	41-139	2	30	H1		
cis-1,2-Dichloroethene	ug/L	ND	200	200	197	212	98	106	70-141	7	30	H1		
cis-1,3-Dichloropropene	ug/L	ND	200	200	214	212	107	106	70-137	1	30	H1		
Dibromochloromethane	ug/L	ND	200	200	210	210	105	105	70-134	0	30	H1		
Dibromomethane	ug/L	ND	200	200	214	216	107	108	70-138	1	30	H1		
Dichlorodifluoromethane	ug/L	ND	200	200	209	202	104	101	47-155	4	30	H1		
Diisopropyl ether	ug/L	ND	200	200	176	164	88	82	63-144	7	30	H1		
Ethylbenzene	ug/L	46.6	200	200	256	260	105	107	66-153	2	30	H1		
Hexachloro-1,3-butadiene	ug/L	ND	200	200	225	229	113	114	65-149	1	30	H1		
m&p-Xylene	ug/L	22.0	400	400	453	455	108	108	69-152	0	30	H1		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

Parameter	Units	3231907		3231908		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92524326002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	200	200	166	163	83	81	54-156	2	30	H1	
Methylene Chloride	ug/L	ND	200	200	214	175	100	81	42-159	20	30	H1	
Naphthalene	ug/L	1600	200	200	1970	1980	187	193	61-148	1	30	H1, M1	
o-Xylene	ug/L	15.4	200	200	229	226	107	105	70-148	1	30	H1	
p-Isopropyltoluene	ug/L	ND	200	200	220	219	110	110	70-146	0	30	H1	
Styrene	ug/L	6.1J	200	200	218	217	106	105	70-135	1	30	H1	
Tetrachloroethene	ug/L	ND	200	200	209	214	105	107	59-143	2	30	H1	
Toluene	ug/L	23.6	200	200	236	231	106	103	59-148	2	30	H1	
trans-1,2-Dichloroethene	ug/L	ND	200	200	207	176	103	88	70-146	16	30	H1	
trans-1,3-Dichloropropene	ug/L	ND	200	200	215	212	108	106	70-135	1	30	H1	
Trichloroethene	ug/L	ND	200	200	215	214	108	107	70-147	0	30	H1	
Trichlorofluoromethane	ug/L	ND	200	200	211	210	105	105	70-148	0	30	H1	
Vinyl acetate	ug/L	ND	400	400	413	392	103	98	49-151	5	30	H1	
Vinyl chloride	ug/L	ND	200	200	194	193	97	97	70-156	1	30	H1	
Xylene (Total)	ug/L	37.4	600	600	681	681	107	107	63-158	0	30		
1,2-Dichloroethane-d4 (S)	%						92	93	70-130				
4-Bromofluorobenzene (S)	%						97	98	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 615438

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3238645

Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/22/21 08:30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/22/21 08:30	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/22/21 08:30	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/22/21 08:30	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/22/21 08:30	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/22/21 08:30	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/22/21 08:30	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/22/21 08:30	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/22/21 08:30	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/22/21 08:30	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/22/21 08:30	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/22/21 08:30	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/22/21 08:30	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/22/21 08:30	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/22/21 08:30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/22/21 08:30	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/22/21 08:30	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/22/21 08:30	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/22/21 08:30	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/22/21 08:30	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/22/21 08:30	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/22/21 08:30	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/22/21 08:30	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/22/21 08:30	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/22/21 08:30	
Acenaphthene	ug/L	ND	10.0	2.0	04/22/21 08:30	
Acenaphthylene	ug/L	ND	10.0	2.0	04/22/21 08:30	
Aniline	ug/L	ND	10.0	1.6	04/22/21 08:30	
Anthracene	ug/L	ND	10.0	2.3	04/22/21 08:30	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/22/21 08:30	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/22/21 08:30	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/22/21 08:30	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/22/21 08:30	
Benzoic Acid	ug/L	ND	50.0	3.4	04/22/21 08:30	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/22/21 08:30	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/22/21 08:30	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/22/21 08:30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/22/21 08:30	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/22/21 08:30	
Chrysene	ug/L	ND	10.0	2.8	04/22/21 08:30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

METHOD BLANK: 3238645

Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/22/21 08:30	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/22/21 08:30	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/22/21 08:30	
Dibenzofuran	ug/L	ND	10.0	2.1	04/22/21 08:30	
Diethylphthalate	ug/L	ND	10.0	2.0	04/22/21 08:30	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/22/21 08:30	
Fluoranthene	ug/L	ND	10.0	2.2	04/22/21 08:30	
Fluorene	ug/L	ND	10.0	2.1	04/22/21 08:30	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/22/21 08:30	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/22/21 08:30	
Hexachloroethane	ug/L	ND	10.0	1.4	04/22/21 08:30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/22/21 08:30	
Isophorone	ug/L	ND	10.0	1.7	04/22/21 08:30	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/22/21 08:30	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/22/21 08:30	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/22/21 08:30	
Nitrobenzene	ug/L	ND	10.0	1.9	04/22/21 08:30	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/22/21 08:30	
Phenanthrene	ug/L	ND	10.0	2.0	04/22/21 08:30	
Phenol	ug/L	ND	10.0	1.4	04/22/21 08:30	
Pyrene	ug/L	ND	10.0	2.2	04/22/21 08:30	
2,4,6-Tribromophenol (S)	%	103	10-144		04/22/21 08:30	
2-Fluorobiphenyl (S)	%	91	10-130		04/22/21 08:30	
2-Fluorophenol (S)	%	73	10-130		04/22/21 08:30	
Nitrobenzene-d5 (S)	%	98	10-144		04/22/21 08:30	
Phenol-d6 (S)	%	56	10-130		04/22/21 08:30	
Terphenyl-d14 (S)	%	98	34-163		04/22/21 08:30	

LABORATORY CONTROL SAMPLE: 3238646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	33.3	67	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	32.9	66	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.7	83	35-130	
2,4,6-Trichlorophenol	ug/L	50	40.7	81	31-130	
2,4-Dichlorophenol	ug/L	50	37.5	75	35-130	
2,4-Dimethylphenol	ug/L	50	38.0	76	34-130	
2,4-Dinitrophenol	ug/L	250	210	84	10-153	
2,4-Dinitrotoluene	ug/L	50	44.3	89	37-136	
2,6-Dinitrotoluene	ug/L	50	44.1	88	33-136	
2-Chloronaphthalene	ug/L	50	33.3	67	26-130	
2-Chlorophenol	ug/L	50	33.7	67	37-130	
2-Methylnaphthalene	ug/L	50	33.3	67	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	33.0	66	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

LABORATORY CONTROL SAMPLE: 3238646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	89.3	89	37-130	
2-Nitrophenol	ug/L	50	36.4	73	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	33.0	66	34-130	
3,3'-Dichlorobenzidine	ug/L	100	97.5	97	34-136	
3-Nitroaniline	ug/L	100	92.5	92	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	84.1	84	21-157	
4-Bromophenylphenyl ether	ug/L	50	45.0	90	38-130	
4-Chloro-3-methylphenol	ug/L	100	81.6	82	37-130	
4-Chloroaniline	ug/L	100	73.0	73	38-130	
4-Chlorophenylphenyl ether	ug/L	50	42.6	85	33-130	
4-Nitroaniline	ug/L	100	96.4	96	42-137	
4-Nitrophenol	ug/L	250	149	59	10-130	
Acenaphthene	ug/L	50	40.6	81	33-130	
Acenaphthylene	ug/L	50	40.2	80	35-130	
Aniline	ug/L	50	30.7	61	22-130	
Anthracene	ug/L	50	46.8	94	48-130	
Benzo(a)anthracene	ug/L	50	49.1	98	48-137	
Benzo(b)fluoranthene	ug/L	50	49.2	98	52-138	
Benzo(g,h,i)perylene	ug/L	50	48.0	96	48-140	
Benzo(k)fluoranthene	ug/L	50	49.8	100	48-139	
Benzoic Acid	ug/L	250	115	46	10-130	
Benzyl alcohol	ug/L	100	66.7	67	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	39.0	78	34-130	
bis(2-Chloroethyl) ether	ug/L	50	38.4	77	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	56.9	114	32-165	
Butylbenzylphthalate	ug/L	50	53.7	107	34-161	
Chrysene	ug/L	50	48.2	96	47-131	
Di-n-butylphthalate	ug/L	50	52.8	106	39-144	
Di-n-octylphthalate	ug/L	50	52.3	105	30-170	
Dibenz(a,h)anthracene	ug/L	50	49.1	98	49-138	
Dibenzofuran	ug/L	50	40.1	80	33-130	
Diethylphthalate	ug/L	50	44.9	90	38-131	
Dimethylphthalate	ug/L	50	42.9	86	37-130	
Fluoranthene	ug/L	50	50.1	100	46-137	
Fluorene	ug/L	50	44.3	89	37-130	
Hexachlorobenzene	ug/L	50	43.9	88	38-130	
Hexachlorocyclopentadiene	ug/L	50	24.4	49	10-130	
Hexachloroethane	ug/L	50	23.2	46	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	49.9	100	41-130	
Isophorone	ug/L	50	38.2	76	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	37.6	75	36-130	
N-Nitrosodimethylamine	ug/L	50	31.7	63	34-130	
N-Nitrosodiphenylamine	ug/L	50	45.4	91	37-130	
Nitrobenzene	ug/L	50	34.5	69	36-130	
Pentachlorophenol	ug/L	100	96.7	97	23-149	
Phenanthrene	ug/L	50	46.5	93	44-130	
Phenol	ug/L	50	21.9	44	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

LABORATORY CONTROL SAMPLE: 3238646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	47.3	95	47-134	
2,4,6-Tribromophenol (S)	%			106	10-144	
2-Fluorobiphenyl (S)	%			74	10-130	
2-Fluorophenol (S)	%			54	10-130	
Nitrobenzene-d5 (S)	%			75	10-144	
Phenol-d6 (S)	%			45	10-130	
Terphenyl-d14 (S)	%			83	34-163	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 613325	Analysis Method: SM 2320B-2011
QC Batch Method: SM 2320B-2011	Analysis Description: 2320B Alkalinity
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3227999 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	04/13/21 16:42	

LABORATORY CONTROL SAMPLE: 3228000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228001 3228002

Parameter	Units	3228001		3228002		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.							
Alkalinity, Total as CaCO3	mg/L	54.8	50	105	50	100	107	80-120	3	25		

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228003 3228004

Parameter	Units	3228003		3228004		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.							
Alkalinity, Total as CaCO3	mg/L	78.0	50	128	50	99	101	80-120	1	25		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 613480	Analysis Method: SM 2540C-2011
QC Batch Method: SM 2540C-2011	Analysis Description: 2540C Total Dissolved Solids
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3228968 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	04/14/21 01:15	

LABORATORY CONTROL SAMPLE: 3228969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	251	248	99	90-110	

SAMPLE DUPLICATE: 3229197

Parameter	Units	92532235002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	61.0	66.0	8	25	

SAMPLE DUPLICATE: 3229198

Parameter	Units	92532235003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	84.0	85.0	1	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 613489	Analysis Method: SM 2540D-2011
QC Batch Method: SM 2540D-2011	Analysis Description: 2540D Total Suspended Solids
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3229020 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	2.5	04/13/21 19:18	

LABORATORY CONTROL SAMPLE: 3229021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	251	242	97	90-110	

SAMPLE DUPLICATE: 3229022

Parameter	Units	92532542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	117	116	1	25	

SAMPLE DUPLICATE: 3229070

Parameter	Units	92532414002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	111	114	3	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 613532	Analysis Method: SM 5210B-2011
QC Batch Method: SM 5210B-2011	Analysis Description: 5210B BOD, 5 day
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3229193 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	2.0	04/19/21 09:39	

LABORATORY CONTROL SAMPLE: 3229195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	212	107	84.6-115	

SAMPLE DUPLICATE: 3229196

Parameter	Units	92532830001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	241	233	4	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

QC Batch: 614803	Analysis Method: SM 5220D-2011
QC Batch Method: SM 5220D-2011	Analysis Description: 5220D COD
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3235396 Matrix: Water

Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	25.0	12.5	04/21/21 06:29	

LABORATORY CONTROL SAMPLE: 3235397

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	750	778	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235398 3235399

Parameter	Units	3235398		3235399		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	234	100	408	366	173	131	90-110	11	3	M1,R1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235400 3235401

Parameter	Units	3235400		3235401		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	122	100	227	202	105	80	90-110	12	3	M1,R1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

QC Batch: 613721 Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011 Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92525782001, 92525782002

METHOD BLANK: 3230045 Matrix: Water
Associated Lab Samples: 92525782001, 92525782002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	04/15/21 02:35	

LABORATORY CONTROL SAMPLE: 3230046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.5	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230047 3230048

Parameter	Units	92524321001		MS		MSD		% Rec		Limits		Max	
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD	Qual	
Total Organic Carbon	mg/L	80.3	25	25	94.7	94.2	58	56	90-110	0	10	H1,M6	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230049 3230050

Parameter	Units	92525782002		MS		MSD		% Rec		Limits		Max	
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD	Qual	
Total Organic Carbon	mg/L	ND	25	25	25.1	25.3	98	99	90-110	1	10	H1	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030493

Pace Project No.: 92525782

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H1	Analysis conducted outside the EPA method holding time.
H2	Extraction or preparation conducted outside EPA method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030493
Pace Project No.: 92525782

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92525782001	MW-49BR-WS_20210303	EPA 3010A	613328	EPA 6010D	613505
92525782002	FB-05-WQ_20210303	EPA 3010A	613328	EPA 6010D	613505
92525782001	MW-49BR-WS_20210303	EPA 3510C	615438	EPA 8270E	615753
92525782002	FB-05-WQ_20210303	EPA 3510C	615438	EPA 8270E	615753
92525782001	MW-49BR-WS_20210303	EPA 8260D	614060		
92525782002	FB-05-WQ_20210303	EPA 8260D	613412		
92525782001	MW-49BR-WS_20210303	SM 2320B-2011	613325		
92525782002	FB-05-WQ_20210303	SM 2320B-2011	613325		
92525782001	MW-49BR-WS_20210303	SM 2540C-2011	613480		
92525782002	FB-05-WQ_20210303	SM 2540C-2011	613480		
92525782001	MW-49BR-WS_20210303	SM 2540D-2011	613489		
92525782002	FB-05-WQ_20210303	SM 2540D-2011	613489		
92525782001	MW-49BR-WS_20210303	SM 5210B-2011	613532	SM 5210B-2011	613565
92525782002	FB-05-WQ_20210303	SM 5210B-2011	613532	SM 5210B-2011	613565
92525782001	MW-49BR-WS_20210303	SM 5220D-2011	614803	SM 5220D-2011	615092
92525782002	FB-05-WQ_20210303	SM 5220D-2011	614803	SM 5220D-2011	615092
92525782001	MW-49BR-WS_20210303	SM 5310B-2011	613721		
92525782002	FB-05-WQ_20210303	SM 5310B-2011	613721		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:
Synterra

Project #:

WO#: **92525782**



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-4-21 AR

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 93-T071 Type of Ice: Wet Blue None

Cooler Temp: 4.0 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.0

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. <u>There are no trip blanks present.</u>
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
 Sample Condition Upon Receipt(SCUR)
 Document No.:
 F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 2 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Collform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92525782

PM: KLH1

Due Date: 03/11/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFLU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Untp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)			
1		1	1	2	1	1										3														
2		1	1	2	1	1										3														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, Incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synterra Address: 148 River Street Suite 220, Greenville, SC 29601 Email To: lking@synterra.com Phone: Requested Date Date: Fax: Project Name: Former Brantlette MGP Aquifer Project Number: Regulatory Agency: State/Location: SC

Section B Required Project Information: Report To: Tom King Copy To: Purchase Order #: Invoice Information: Attention: Company Name: Address: Page Quote: Page Project Manager: Kevin Herring Page Profile #: 7754

ITEM #	SAMPLE ID One Character per box (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX Drinking Water Waste Water Product Soil/Solid OI Other	CODE DW WW P SL OC AW OT TS	COLLECTED		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Analysis Test	Y/N	Residual Chlorine (Y/N)
				START DATE	END DATE	UNPRESERVED	H2SO4	HNO3	HCl	NaOH	Na2S2O3			
	MU-496R-4J5_20210303			3/3/21	1335	14	6	1	1	3				
	FB-05-4A_20210303			3/3/21	1400	3/3/21	1420	14	6	1	3			
	TB-06-4A_20210303			3/3/21	1400	3/3/21	1420	14	6	1	3			

ALTERATION COMMENTS	REQUISITION # / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Paige Brennan / Synterra	3/3/21	16:24	Paige Brennan / Synterra	3-4-21	1624	
	Paige Housley / Pace	3-4-21	1700	Paige Housley / Pace	3-4-21	1200	
	Paige Housley / Pace	3-4-21	1340	Al Knicker / PACE/AVL	3-4-21	1340	

SAMPLER NAME AND SIGNATURE: PRINT Name of SAMPLER: Paige Brennan SIGNATURE of SAMPLER: DATE Signed: 03/3/21

April 20, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92525994001	MW-49BR-WG_20210304	Water	03/04/21 15:10	03/05/21 11:25
92525994002	FB-06-WQ_20210304	Water	03/04/21 14:45	03/05/21 11:25
92525994003	TB-06-WQ_20210304	Water	03/04/21 00:00	03/05/21 11:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92525994001	MW-49BR-WG_20210304	EPA 6010D	KQ	5	PASI-A
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	GAW	62	PASI-C
		SM 2320B-2011	ECH	1	PASI-A
		SM 2540C-2011	RED	1	PASI-A
		SM 2540D-2011	RED	1	PASI-A
		SM 5210B-2011	SMK	1	PASI-A
		SM 5220D-2011	JP1	1	PASI-A
		SM 5310B-2011	JLH	1	PASI-A
		92525994002	FB-06-WQ_20210304	EPA 6010D	KQ
EPA 8270E	PKS			67	PASI-C
EPA 8260D	BSH			62	PASI-C
SM 2320B-2011	ECH			1	PASI-A
SM 2540C-2011	RED			1	PASI-A
SM 2540D-2011	RED			1	PASI-A
SM 5210B-2011	SMK			1	PASI-A
SM 5220D-2011	JP1			1	PASI-A
SM 5310B-2011	JLH			1	PASI-A
92525994003	TB-06-WQ_20210304			EPA 8260D	BSH

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92525994001	MW-49BR-WG_20210304					
EPA 6010D	Calcium	10900	ug/L	100	04/14/21 14:19	
EPA 6010D	Iron	9400	ug/L	50.0	04/14/21 14:19	
EPA 6010D	Magnesium	3100	ug/L	100	04/14/21 14:19	
EPA 6010D	Manganese	158	ug/L	5.0	04/14/21 14:19	
EPA 6010D	Hardness, Total(SM 2340B)	40100	ug/L	662	04/14/21 14:19	
EPA 8270E	Acenaphthene	173	ug/L	100	04/20/21 10:53	H2,M1
EPA 8270E	Acenaphthylene	70.1	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Anthracene	11.7	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Dibenzofuran	19.3	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	2,4-Dimethylphenol	49.3	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Fluoranthene	3.6J	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Fluorene	71.0	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	1-Methylnaphthalene	459	ug/L	100	04/20/21 10:53	H2,M1
EPA 8270E	2-Methylnaphthalene	791	ug/L	100	04/20/21 10:53	H2,M1
EPA 8270E	Phenanthrene	74.6	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Phenol	3.4J	ug/L	10.0	04/20/21 09:33	H2
EPA 8270E	Pyrene	5.9J	ug/L	10.0	04/20/21 09:33	H2
EPA 8260D	Benzene	570	ug/L	25.0	04/16/21 01:27	H1
EPA 8260D	Ethylbenzene	208	ug/L	25.0	04/16/21 01:27	H1
EPA 8260D	Methylene Chloride	49.7J	ug/L	125	04/16/21 01:27	H1
EPA 8260D	Naphthalene	4240	ug/L	25.0	04/16/21 01:27	H1
EPA 8260D	Styrene	8.9J	ug/L	25.0	04/16/21 01:27	H1
EPA 8260D	Toluene	87.3	ug/L	25.0	04/16/21 01:27	H1
EPA 8260D	Xylene (Total)	176	ug/L	25.0	04/16/21 01:27	
EPA 8260D	m&p-Xylene	105	ug/L	50.0	04/16/21 01:27	H1
EPA 8260D	o-Xylene	70.5	ug/L	25.0	04/16/21 01:27	H1
SM 2320B-2011	Alkalinity, Total as CaCO3	145	mg/L	5.0	04/13/21 19:08	H3
SM 2540C-2011	Total Dissolved Solids	194	mg/L	25.0	04/14/21 01:17	H1
SM 2540D-2011	Total Suspended Solids	15.7	mg/L	2.5	04/13/21 19:23	H1
SM 5210B-2011	BOD, 5 day	2.7	mg/L	2.0	04/19/21 10:24	H1,H2
SM 5310B-2011	Total Organic Carbon	4.7	mg/L	1.0	04/15/21 08:08	H1

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: EPA 6010D
Description: 6010 MET ICP
Client: Duke Energy
Date: April 20, 2021

General Information:

2 samples were analyzed for EPA 6010D by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010A with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613328

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3228029)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

R1: RPD value was outside control limits.

- MSD (Lab ID: 3228030)
 - Calcium
 - Iron
 - Magnesium
 - Manganese

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 20, 2021

General Information:

2 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614745

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525994001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3235257)
 - 1-Methylnaphthalene
 - 2,4-Dinitrophenol
 - 2-Methylnaphthalene
 - Acenaphthene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 20, 2021

QC Batch: 614745

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525994001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Benzoic Acid
- MSD (Lab ID: 3235258)
- 2-Methylnaphthalene
- Acenaphthene
- Benzoic Acid

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 20, 2021

General Information:

3 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)
- TB-06-WQ_20210304 (Lab ID: 92525994003)

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3228523)
 - Chloroethane
- FB-06-WQ_20210304 (Lab ID: 92525994002)
 - Chloroethane
- LCS (Lab ID: 3228524)
 - Chloroethane
- LCSD (Lab ID: 3230895)
 - Chloroethane
- TB-06-WQ_20210304 (Lab ID: 92525994003)
 - Chloroethane

QC Batch: 614060

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3231905)
 - Chloroethane
- LCS (Lab ID: 3231906)
 - Chloroethane
- MW-49BR-WG_20210304 (Lab ID: 92525994001)
 - Chloroethane

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3228523)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 20, 2021

QC Batch: 613412

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Carbon tetrachloride
- FB-06-WQ_20210304 (Lab ID: 92525994002)
 - Carbon tetrachloride
- LCS (Lab ID: 3228524)
 - Carbon tetrachloride
- LCSD (Lab ID: 3230895)
 - Carbon tetrachloride
- TB-06-WQ_20210304 (Lab ID: 92525994003)
 - Carbon tetrachloride

QC Batch: 614060

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3231905)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- LCS (Lab ID: 3231906)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane
- MW-49BR-WG_20210304 (Lab ID: 92525994001)
 - 2-Butanone (MEK)
 - Acetone
 - Chloroethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 614060

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3231906)
 - Vinyl acetate

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 20, 2021

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 614060

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524326002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3231907)
 - Naphthalene
- MSD (Lab ID: 3231908)
 - Naphthalene

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: SM 2320B-2011
Description: 2320B Alkalinity
Client: Duke Energy
Date: April 20, 2021

General Information:

2 samples were analyzed for SM 2320B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: SM 2540C-2011

Description: 2540C Total Dissolved Solids

Client: Duke Energy

Date: April 20, 2021

General Information:

2 samples were analyzed for SM 2540C-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Method: SM 2540D-2011

Description: 2540D Total Suspended Solids

Client: Duke Energy

Date: April 20, 2021

General Information:

2 samples were analyzed for SM 2540D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: SM 5210B-2011
Description: 5210B BOD, 5 day
Client: Duke Energy
Date: April 20, 2021

General Information:

2 samples were analyzed for SM 5210B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Sample Preparation:

The samples were prepared in accordance with with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: SM 5220D-2011
Description: 5220D COD
Client: Duke Energy
Date: April 20, 2021

General Information:

2 samples were analyzed for SM 5220D-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

H2: Extraction or preparation conducted outside EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Sample Preparation:

The samples were prepared in accordance with SM 5220D-2011 with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613547

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92525994001,92532264001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3229207)
 - Chemical Oxygen Demand
- MSD (Lab ID: 3229210)
 - Chemical Oxygen Demand

R1: RPD value was outside control limits.

- MSD (Lab ID: 3229210)
 - Chemical Oxygen Demand

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Method: SM 5310B-2011
Description: 5310B TOC
Client: Duke Energy
Date: April 20, 2021

General Information:

2 samples were analyzed for SM 5310B-2011 by Pace Analytical Services Asheville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H1: Analysis conducted outside the EPA method holding time.

- FB-06-WQ_20210304 (Lab ID: 92525994002)
- MW-49BR-WG_20210304 (Lab ID: 92525994001)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 613721

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92524321001,92525782002

M6: Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

- MS (Lab ID: 3230047)
 - Total Organic Carbon
- MSD (Lab ID: 3230048)
 - Total Organic Carbon

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: MW-49BR-WG_20210304 Lab ID: 92525994001 Collected: 03/04/21 15:10 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	10900	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:19	7440-70-2	
Iron	9400	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:19	7439-89-6	
Magnesium	3100	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:19	7439-95-4	
Manganese	158	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:19	7439-96-5	
Hardness, Total(SM 2340B)	40100	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:19		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	173	ug/L	100	20.1	10	04/19/21 19:04	04/20/21 10:53	83-32-9	H2,M1
Acenaphthylene	70.1	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:33	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:33	62-53-3	H2
Anthracene	11.7	ug/L	10.0	2.3	1	04/19/21 19:04	04/20/21 09:33	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/19/21 19:04	04/20/21 09:33	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/19/21 19:04	04/20/21 09:33	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/19/21 19:04	04/20/21 09:33	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/19/21 19:04	04/20/21 09:33	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/19/21 19:04	04/20/21 09:33	65-85-0	H2,M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/19/21 19:04	04/20/21 09:33	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/19/21 19:04	04/20/21 09:33	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/19/21 19:04	04/20/21 09:33	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/19/21 19:04	04/20/21 09:33	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/19/21 19:04	04/20/21 09:33	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/19/21 19:04	04/20/21 09:33	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:33	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:33	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:33	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:33	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/19/21 19:04	04/20/21 09:33	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/19/21 19:04	04/20/21 09:33	53-70-3	H2
Dibenzofuran	19.3	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:33	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/19/21 19:04	04/20/21 09:33	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:33	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:33	84-66-2	H2
2,4-Dimethylphenol	49.3	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:33	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:33	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:33	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/19/21 19:04	04/20/21 09:33	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/19/21 19:04	04/20/21 09:33	51-28-5	H2,M1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:33	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:33	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/19/21 19:04	04/20/21 09:33	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/19/21 19:04	04/20/21 09:33	117-81-7	H2
Fluoranthene	3.6J	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:33	206-44-0	H2
Fluorene	71.0	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:33	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:33	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: MW-49BR-WG_20210304 Lab ID: 92525994001 Collected: 03/04/21 15:10 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:33	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:33	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/19/21 19:04	04/20/21 09:33	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:33	78-59-1	H2
1-Methylnaphthalene	459	ug/L	100	20.3	10	04/19/21 19:04	04/20/21 10:53	90-12-0	H2,M1
2-Methylnaphthalene	791	ug/L	100	18.7	10	04/19/21 19:04	04/20/21 10:53	91-57-6	H2,M1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:33	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:33	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/19/21 19:04	04/20/21 09:33	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/19/21 19:04	04/20/21 09:33	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/19/21 19:04	04/20/21 09:33	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:33	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:33	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/19/21 19:04	04/20/21 09:33	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:33	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/19/21 19:04	04/20/21 09:33	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/19/21 19:04	04/20/21 09:33	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:33	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/19/21 19:04	04/20/21 09:33	87-86-5	H2
Phenanthrene	74.6	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:33	85-01-8	H2
Phenol	3.4J	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:33	108-95-2	H2
Pyrene	5.9J	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:33	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:33	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:33	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	04/19/21 19:04	04/20/21 09:33	4165-60-0	
2-Fluorobiphenyl (S)	81	%	10-130		1	04/19/21 19:04	04/20/21 09:33	321-60-8	
Terphenyl-d14 (S)	91	%	34-163		1	04/19/21 19:04	04/20/21 09:33	1718-51-0	
Phenol-d6 (S)	57	%	10-130		1	04/19/21 19:04	04/20/21 09:33	13127-88-3	
2-Fluorophenol (S)	69	%	10-130		1	04/19/21 19:04	04/20/21 09:33	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-144		1	04/19/21 19:04	04/20/21 09:33	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	625	128	25		04/16/21 01:27	67-64-1	H1,v1
Benzene	570	ug/L	25.0	8.6	25		04/16/21 01:27	71-43-2	H1
Bromobenzene	ND	ug/L	25.0	7.2	25		04/16/21 01:27	108-86-1	H1
Bromochloromethane	ND	ug/L	25.0	11.7	25		04/16/21 01:27	74-97-5	H1
Bromodichloromethane	ND	ug/L	25.0	7.7	25		04/16/21 01:27	75-27-4	H1
Bromoform	ND	ug/L	25.0	8.5	25		04/16/21 01:27	75-25-2	H1
Bromomethane	ND	ug/L	50.0	41.5	25		04/16/21 01:27	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	125	99.0	25		04/16/21 01:27	78-93-3	H1,v1
Carbon tetrachloride	ND	ug/L	25.0	8.3	25		04/16/21 01:27	56-23-5	H1
Chlorobenzene	ND	ug/L	25.0	7.1	25		04/16/21 01:27	108-90-7	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: MW-49BR-WG_20210304 Lab ID: 92525994001 Collected: 03/04/21 15:10 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/L	25.0	16.2	25		04/16/21 01:27	75-00-3	H1,IK,v1
Chloroform	ND	ug/L	125	39.0	25		04/16/21 01:27	67-66-3	H1
Chloromethane	ND	ug/L	25.0	13.5	25		04/16/21 01:27	74-87-3	H1
2-Chlorotoluene	ND	ug/L	25.0	8.0	25		04/16/21 01:27	95-49-8	H1
4-Chlorotoluene	ND	ug/L	25.0	8.1	25		04/16/21 01:27	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	8.5	25		04/16/21 01:27	96-12-8	H1
Dibromochloromethane	ND	ug/L	25.0	9.0	25		04/16/21 01:27	124-48-1	H1
Dibromomethane	ND	ug/L	25.0	9.8	25		04/16/21 01:27	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/16/21 01:27	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	25.0	8.5	25		04/16/21 01:27	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	25.0	8.3	25		04/16/21 01:27	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	25.0	8.6	25		04/16/21 01:27	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	25.0	9.2	25		04/16/21 01:27	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	25.0	8.0	25		04/16/21 01:27	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	25.0	8.7	25		04/16/21 01:27	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	25.0	9.6	25		04/16/21 01:27	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	25.0	9.9	25		04/16/21 01:27	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	25.0	8.9	25		04/16/21 01:27	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	25.0	7.1	25		04/16/21 01:27	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	25.0	9.7	25		04/16/21 01:27	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	25.0	10.7	25		04/16/21 01:27	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/16/21 01:27	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	25.0	9.1	25		04/16/21 01:27	10061-02-6	H1
Diisopropyl ether	ND	ug/L	25.0	7.7	25		04/16/21 01:27	108-20-3	H1
Ethylbenzene	208	ug/L	25.0	7.6	25		04/16/21 01:27	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	50.0	38.2	25		04/16/21 01:27	87-68-3	H1
2-Hexanone	ND	ug/L	125	11.9	25		04/16/21 01:27	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	25.0	10.4	25		04/16/21 01:27	99-87-6	H1
Methylene Chloride	49.7J	ug/L	125	48.8	25		04/16/21 01:27	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	125	67.8	25		04/16/21 01:27	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	25.0	10.6	25		04/16/21 01:27	1634-04-4	H1
Naphthalene	4240	ug/L	25.0	16.1	25		04/16/21 01:27	91-20-3	H1
Styrene	8.9J	ug/L	25.0	7.3	25		04/16/21 01:27	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	25.0	7.8	25		04/16/21 01:27	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.6	25		04/16/21 01:27	79-34-5	H1
Tetrachloroethene	ND	ug/L	25.0	7.3	25		04/16/21 01:27	127-18-4	H1
Toluene	87.3	ug/L	25.0	12.1	25		04/16/21 01:27	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	25.0	20.2	25		04/16/21 01:27	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	25.0	16.0	25		04/16/21 01:27	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	25.0	8.3	25		04/16/21 01:27	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	25.0	8.1	25		04/16/21 01:27	79-00-5	H1
Trichloroethene	ND	ug/L	25.0	9.6	25		04/16/21 01:27	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	25.0	7.4	25		04/16/21 01:27	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	25.0	6.5	25		04/16/21 01:27	96-18-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: MW-49BR-WG_20210304 **Lab ID: 92525994001** Collected: 03/04/21 15:10 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Vinyl acetate	ND	ug/L	50.0	32.8	25		04/16/21 01:27	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	25.0	9.6	25		04/16/21 01:27	75-01-4	H1
Xylene (Total)	176	ug/L	25.0	8.4	25		04/16/21 01:27	1330-20-7	
m&p-Xylene	105	ug/L	50.0	17.7	25		04/16/21 01:27	179601-23-1	H1
o-Xylene	70.5	ug/L	25.0	8.4	25		04/16/21 01:27	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		25		04/16/21 01:27	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		25		04/16/21 01:27	17060-07-0	
Toluene-d8 (S)	107	%	70-130		25		04/16/21 01:27	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011 Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	145	mg/L	5.0	5.0	1		04/13/21 19:08		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011 Pace Analytical Services - Asheville									
Total Dissolved Solids	194	mg/L	25.0	25.0	1		04/14/21 01:17		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011 Pace Analytical Services - Asheville									
Total Suspended Solids	15.7	mg/L	2.5	2.5	1		04/13/21 19:23		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011 Pace Analytical Services - Asheville									
BOD, 5 day	2.7	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:24		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011 Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/14/21 04:54	04/14/21 07:30		H1,H2, M1
5310B TOC									
Analytical Method: SM 5310B-2011 Pace Analytical Services - Asheville									
Total Organic Carbon	4.7	mg/L	1.0	0.50	1		04/15/21 08:08	7440-44-0	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: FB-06-WQ_20210304 **Lab ID: 92525994002** Collected: 03/04/21 14:45 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Calcium	ND	ug/L	100	94.2	1	04/13/21 18:40	04/14/21 14:22	7440-70-2	
Iron	ND	ug/L	50.0	41.5	1	04/13/21 18:40	04/14/21 14:22	7439-89-6	
Magnesium	ND	ug/L	100	67.8	1	04/13/21 18:40	04/14/21 14:22	7439-95-4	
Manganese	ND	ug/L	5.0	3.4	1	04/13/21 18:40	04/14/21 14:22	7439-96-5	
Hardness, Total(SM 2340B)	ND	ug/L	662	131	1	04/13/21 18:40	04/14/21 14:22		
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	83-32-9	H2
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	208-96-8	H2
Aniline	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:59	62-53-3	H2
Anthracene	ND	ug/L	10.0	2.3	1	04/19/21 19:04	04/20/21 09:59	120-12-7	H2
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/19/21 19:04	04/20/21 09:59	56-55-3	H2
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/19/21 19:04	04/20/21 09:59	205-99-2	H2
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/19/21 19:04	04/20/21 09:59	191-24-2	H2
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/19/21 19:04	04/20/21 09:59	207-08-9	H2
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/19/21 19:04	04/20/21 09:59	65-85-0	H2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/19/21 19:04	04/20/21 09:59	100-51-6	H2
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/19/21 19:04	04/20/21 09:59	101-55-3	H2
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/19/21 19:04	04/20/21 09:59	85-68-7	H2
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/19/21 19:04	04/20/21 09:59	59-50-7	H2
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/19/21 19:04	04/20/21 09:59	106-47-8	H2
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/19/21 19:04	04/20/21 09:59	111-91-1	H2
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:59	111-44-4	H2
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:59	91-58-7	H2
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:59	95-57-8	H2
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	7005-72-3	H2
Chrysene	ND	ug/L	10.0	2.8	1	04/19/21 19:04	04/20/21 09:59	218-01-9	H2
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/19/21 19:04	04/20/21 09:59	53-70-3	H2
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:59	132-64-9	H2
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/19/21 19:04	04/20/21 09:59	91-94-1	H2
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:59	120-83-2	H2
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	84-66-2	H2
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:59	105-67-9	H2
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:59	131-11-3	H2
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:59	84-74-2	H2
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/19/21 19:04	04/20/21 09:59	534-52-1	H2
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/19/21 19:04	04/20/21 09:59	51-28-5	H2
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:59	121-14-2	H2
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:59	606-20-2	H2
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/19/21 19:04	04/20/21 09:59	117-84-0	H2
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/19/21 19:04	04/20/21 09:59	117-81-7	H2
Fluoranthene	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:59	206-44-0	H2
Fluorene	ND	ug/L	10.0	2.1	1	04/19/21 19:04	04/20/21 09:59	86-73-7	H2
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:59	118-74-1	H2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: FB-06-WQ_20210304 **Lab ID: 92525994002** Collected: 03/04/21 14:45 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:59	77-47-4	H2
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:59	67-72-1	H2
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/19/21 19:04	04/20/21 09:59	193-39-5	H2
Isophorone	ND	ug/L	10.0	1.7	1	04/19/21 19:04	04/20/21 09:59	78-59-1	H2
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	90-12-0	H2
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:59	91-57-6	H2
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:59	95-48-7	H2
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:59	15831-10-4	H2
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/19/21 19:04	04/20/21 09:59	88-74-4	H2
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/19/21 19:04	04/20/21 09:59	99-09-2	H2
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/19/21 19:04	04/20/21 09:59	100-01-6	H2
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:59	98-95-3	H2
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:59	88-75-5	H2
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/19/21 19:04	04/20/21 09:59	100-02-7	H2
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/19/21 19:04	04/20/21 09:59	62-75-9	H2
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/19/21 19:04	04/20/21 09:59	621-64-7	H2
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/19/21 19:04	04/20/21 09:59	86-30-6	H2
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/19/21 19:04	04/20/21 09:59	108-60-1	H2
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/19/21 19:04	04/20/21 09:59	87-86-5	H2
Phenanthrene	ND	ug/L	10.0	2.0	1	04/19/21 19:04	04/20/21 09:59	85-01-8	H2
Phenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:59	108-95-2	H2
Pyrene	ND	ug/L	10.0	2.2	1	04/19/21 19:04	04/20/21 09:59	129-00-0	H2
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/19/21 19:04	04/20/21 09:59	95-95-4	H2
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/19/21 19:04	04/20/21 09:59	88-06-2	H2
Surrogates									
Nitrobenzene-d5 (S)	101	%	10-144		1	04/19/21 19:04	04/20/21 09:59	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/19/21 19:04	04/20/21 09:59	321-60-8	
Terphenyl-d14 (S)	110	%	34-163		1	04/19/21 19:04	04/20/21 09:59	1718-51-0	
Phenol-d6 (S)	36	%	10-130		1	04/19/21 19:04	04/20/21 09:59	13127-88-3	
2-Fluorophenol (S)	16	%	10-130		1	04/19/21 19:04	04/20/21 09:59	367-12-4	
2,4,6-Tribromophenol (S)	30	%	10-144		1	04/19/21 19:04	04/20/21 09:59	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 15:54	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 15:54	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 15:54	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 15:54	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 15:54	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 15:54	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 15:54	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 15:54	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 15:54	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 15:54	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 15:54	75-00-3	H1,IK

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: FB-06-WQ_20210304 **Lab ID: 92525994002** Collected: 03/04/21 14:45 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/14/21 15:54	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/14/21 15:54	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 15:54	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 15:54	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/14/21 15:54	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/14/21 15:54	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/14/21 15:54	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 15:54	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 15:54	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/14/21 15:54	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/14/21 15:54	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/14/21 15:54	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 15:54	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/14/21 15:54	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 15:54	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/14/21 15:54	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/14/21 15:54	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/14/21 15:54	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/14/21 15:54	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/14/21 15:54	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 15:54	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 15:54	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/14/21 15:54	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/14/21 15:54	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/14/21 15:54	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/14/21 15:54	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/14/21 15:54	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/14/21 15:54	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/14/21 15:54	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/14/21 15:54	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/14/21 15:54	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/14/21 15:54	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/14/21 15:54	630-20-6	H1
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/14/21 15:54	79-34-5	H1
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/14/21 15:54	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/14/21 15:54	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/14/21 15:54	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/14/21 15:54	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/14/21 15:54	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 15:54	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 15:54	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/14/21 15:54	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/14/21 15:54	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/14/21 15:54	108-05-4	H1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/14/21 15:54	75-01-4	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: FB-06-WQ_20210304 **Lab ID: 92525994002** Collected: 03/04/21 14:45 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 15:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 15:54	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 15:54	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		04/14/21 15:54	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-130		1		04/14/21 15:54	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		04/14/21 15:54	2037-26-5	
2320B Alkalinity									
Analytical Method: SM 2320B-2011									
Pace Analytical Services - Asheville									
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		04/13/21 19:30		H3
2540C Total Dissolved Solids									
Analytical Method: SM 2540C-2011									
Pace Analytical Services - Asheville									
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		04/14/21 01:17		H1
2540D Total Suspended Solids									
Analytical Method: SM 2540D-2011									
Pace Analytical Services - Asheville									
Total Suspended Solids	ND	mg/L	2.5	2.5	1		04/13/21 19:23		H1
5210B BOD, 5 day									
Analytical Method: SM 5210B-2011									
Pace Analytical Services - Asheville									
BOD, 5 day	ND	mg/L	2.0	2.0	1	04/14/21 08:20	04/19/21 10:23		H1,H2
5220D COD									
Analytical Method: SM 5220D-2011 Preparation Method: SM 5220D-2011									
Pace Analytical Services - Asheville									
Chemical Oxygen Demand	ND	mg/L	25.0	12.5	1	04/14/21 04:54	04/14/21 07:31		H1,H2
5310B TOC									
Analytical Method: SM 5310B-2011									
Pace Analytical Services - Asheville									
Total Organic Carbon	ND	mg/L	1.0	0.50	1		04/15/21 09:03	7440-44-0	H1

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: **TB-06-WQ_20210304** Lab ID: **92525994003** Collected: 03/04/21 00:00 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/14/21 16:12	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/14/21 16:12	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/14/21 16:12	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/14/21 16:12	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/14/21 16:12	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/14/21 16:12	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/14/21 16:12	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/14/21 16:12	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/14/21 16:12	56-23-5	H1,v1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/14/21 16:12	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/14/21 16:12	75-00-3	H1,IK
Chloroform	ND	ug/L	5.0	1.6	1		04/14/21 16:12	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/14/21 16:12	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 16:12	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/14/21 16:12	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/14/21 16:12	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/14/21 16:12	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/14/21 16:12	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 16:12	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/14/21 16:12	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/14/21 16:12	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/14/21 16:12	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/14/21 16:12	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 16:12	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/14/21 16:12	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 16:12	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/14/21 16:12	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/14/21 16:12	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/14/21 16:12	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/14/21 16:12	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/14/21 16:12	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 16:12	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/14/21 16:12	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/14/21 16:12	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/14/21 16:12	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/14/21 16:12	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/14/21 16:12	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/14/21 16:12	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/14/21 16:12	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/14/21 16:12	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/14/21 16:12	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/14/21 16:12	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/14/21 16:12	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/14/21 16:12	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/14/21 16:12	79-34-5	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Sample: TB-06-WQ_20210304 **Lab ID: 92525994003** Collected: 03/04/21 00:00 Received: 03/05/21 11:25 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/14/21 16:12	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/14/21 16:12	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/14/21 16:12	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/14/21 16:12	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/14/21 16:12	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/14/21 16:12	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/14/21 16:12	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/14/21 16:12	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/14/21 16:12	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/14/21 16:12	108-05-4	H1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/14/21 16:12	75-01-4	H1
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/14/21 16:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/14/21 16:12	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/14/21 16:12	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		04/14/21 16:12	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		04/14/21 16:12	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		04/14/21 16:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

QC Batch: 613328 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3228027 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	ug/L	ND	100	94.2	04/14/21 13:35	
Hardness, Total(SM 2340B)	ug/L	178J	662	131	04/14/21 13:35	
Iron	ug/L	ND	50.0	41.5	04/14/21 13:35	
Magnesium	ug/L	ND	100	67.8	04/14/21 13:35	
Manganese	ug/L	ND	5.0	3.4	04/14/21 13:35	

LABORATORY CONTROL SAMPLE: 3228028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	5000	4610	92	80-120	
Hardness, Total(SM 2340B)	ug/L	33100	30800	93	80-120	
Iron	ug/L	5000	4850	97	80-120	
Magnesium	ug/L	5000	4690	94	80-120	
Manganese	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228029 3228030

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		92524321001 Result	Spike Conc.	Spike Conc.	Result							Result
Calcium	ug/L	ND	5000	5000	2370	4700	46	93	75-125	66	20	M1,R1
Hardness, Total(SM 2340B)	ug/L	252J	33100	33100	15900	31600	47	95	75-125	66		
Iron	ug/L	49.4J	5000	5000	2090	4970	41	98	75-125	82	20	M1,R1
Magnesium	ug/L	ND	5000	5000	2420	4830	48	96	75-125	67	20	M1,R1
Manganese	ug/L	ND	500	500	167	473	33	94	75-125	96	20	M1,R1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
 Pace Project No.: 92525994

QC Batch: 613412 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525994002, 92525994003

METHOD BLANK: 3228523 Matrix: Water

Associated Lab Samples: 92525994002, 92525994003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/14/21 12:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/14/21 12:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/14/21 12:34	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/14/21 12:34	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/14/21 12:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/14/21 12:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/14/21 12:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/14/21 12:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/14/21 12:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/14/21 12:34	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/14/21 12:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/14/21 12:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/14/21 12:34	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/14/21 12:34	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/14/21 12:34	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
2-Hexanone	ug/L	ND	5.0	0.48	04/14/21 12:34	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/14/21 12:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/14/21 12:34	
Acetone	ug/L	ND	25.0	5.1	04/14/21 12:34	
Benzene	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromobenzene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Bromochloromethane	ug/L	ND	1.0	0.47	04/14/21 12:34	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/14/21 12:34	
Bromoform	ug/L	ND	1.0	0.34	04/14/21 12:34	
Bromomethane	ug/L	ND	2.0	1.7	04/14/21 12:34	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/14/21 12:34	v1
Chlorobenzene	ug/L	ND	1.0	0.28	04/14/21 12:34	
Chloroethane	ug/L	ND	1.0	0.65	04/14/21 12:34	IK
Chloroform	ug/L	ND	5.0	1.6	04/14/21 12:34	
Chloromethane	ug/L	ND	1.0	0.54	04/14/21 12:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/14/21 12:34	
Dibromomethane	ug/L	ND	1.0	0.39	04/14/21 12:34	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/14/21 12:34	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

METHOD BLANK: 3228523

Matrix: Water

Associated Lab Samples: 92525994002, 92525994003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/14/21 12:34	
Ethylbenzene	ug/L	ND	1.0	0.30	04/14/21 12:34	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/14/21 12:34	
m&p-Xylene	ug/L	ND	2.0	0.71	04/14/21 12:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/14/21 12:34	
Methylene Chloride	ug/L	ND	5.0	2.0	04/14/21 12:34	
Naphthalene	ug/L	ND	1.0	0.64	04/14/21 12:34	
o-Xylene	ug/L	ND	1.0	0.34	04/14/21 12:34	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/14/21 12:34	
Styrene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/14/21 12:34	
Toluene	ug/L	ND	1.0	0.48	04/14/21 12:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/14/21 12:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/14/21 12:34	
Trichloroethene	ug/L	ND	1.0	0.38	04/14/21 12:34	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/14/21 12:34	
Vinyl acetate	ug/L	ND	2.0	1.3	04/14/21 12:34	
Vinyl chloride	ug/L	ND	1.0	0.39	04/14/21 12:34	
Xylene (Total)	ug/L	ND	1.0	0.34	04/14/21 12:34	
1,2-Dichloroethane-d4 (S)	%	117	70-130		04/14/21 12:34	
4-Bromofluorobenzene (S)	%	107	70-130		04/14/21 12:34	
Toluene-d8 (S)	%	98	70-130		04/14/21 12:34	

LABORATORY CONTROL SAMPLE & LCSD: 3228524

3230895

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.1	58.5	110	117	70-130	6	30	
1,1,1-Trichloroethane	ug/L	50	55.1	57.3	110	115	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	50	50.6	52.2	101	104	70-130	3	30	
1,1,2-Trichloroethane	ug/L	50	51.6	51.8	103	104	70-130	0	30	
1,1-Dichloroethane	ug/L	50	48.0	49.7	96	99	70-130	3	30	
1,1-Dichloroethene	ug/L	50	52.8	53.9	106	108	70-130	2	30	
1,1-Dichloropropene	ug/L	50	48.7	52.6	97	105	70-130	8	30	
1,2,3-Trichlorobenzene	ug/L	50	56.6	56.8	113	114	70-130	0	30	
1,2,3-Trichloropropane	ug/L	50	52.8	54.0	106	108	70-130	2	30	
1,2,4-Trichlorobenzene	ug/L	50	56.5	58.3	113	117	70-130	3	30	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	55.0	108	110	70-130	2	30	
1,2-Dichlorobenzene	ug/L	50	53.3	55.5	107	111	70-130	4	30	
1,2-Dichloroethane	ug/L	50	54.3	55.8	109	112	70-130	3	30	
1,2-Dichloropropane	ug/L	50	46.4	46.9	93	94	70-130	1	30	
1,3-Dichlorobenzene	ug/L	50	53.0	54.1	106	108	70-130	2	30	
1,3-Dichloropropane	ug/L	50	52.1	54.4	104	109	70-130	4	30	
1,4-Dichlorobenzene	ug/L	50	52.2	53.5	104	107	70-130	2	30	
2,2-Dichloropropane	ug/L	50	55.7	59.1	111	118	70-130	6	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

LABORATORY CONTROL SAMPLE & LCSD: 3228524		3230895									
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
2-Butanone (MEK)	ug/L	100	103	102	103	102	70-130	1	30		
2-Chlorotoluene	ug/L	50	52.0	54.9	104	110	70-130	5	30		
2-Hexanone	ug/L	100	107	112	107	112	70-130	4	30		
4-Chlorotoluene	ug/L	50	51.4	53.2	103	106	70-130	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	109	106	109	70-130	2	30		
Acetone	ug/L	100	101	101	101	101	70-130	0	30		
Benzene	ug/L	50	46.8	48.5	94	97	70-130	3	30		
Bromobenzene	ug/L	50	52.9	53.7	106	107	70-130	1	30		
Bromochloromethane	ug/L	50	47.6	49.2	95	98	70-130	3	30		
Bromodichloromethane	ug/L	50	51.3	52.9	103	106	70-130	3	30		
Bromoform	ug/L	50	58.4	61.3	117	123	70-130	5	30		
Bromomethane	ug/L	50	46.0	48.5	92	97	70-130	5	30		
Carbon tetrachloride	ug/L	50	58.1	60.1	116	120	70-130	3	30 v1		
Chlorobenzene	ug/L	50	52.1	53.8	104	108	70-130	3	30		
Chloroethane	ug/L	50	40.3	45.6	81	91	70-130	12	30 IK		
Chloroform	ug/L	50	49.0	49.1	98	98	70-130	0	30		
Chloromethane	ug/L	50	38.8	41.3	78	83	70-130	6	30		
cis-1,2-Dichloroethene	ug/L	50	48.4	48.5	97	97	70-130	0	30		
cis-1,3-Dichloropropene	ug/L	50	50.2	51.4	100	103	70-130	2	30		
Dibromochloromethane	ug/L	50	58.2	58.8	116	118	70-130	1	30		
Dibromomethane	ug/L	50	53.4	55.3	107	111	70-130	3	30		
Dichlorodifluoromethane	ug/L	50	47.6	48.9	95	98	70-130	3	30		
Diisopropyl ether	ug/L	50	45.2	46.6	90	93	70-130	3	30		
Ethylbenzene	ug/L	50	50.8	54.1	102	108	70-130	6	30		
Hexachloro-1,3-butadiene	ug/L	50	55.7	58.0	111	116	70-130	4	30		
m&p-Xylene	ug/L	100	109	112	109	112	70-130	3	30		
Methyl-tert-butyl ether	ug/L	50	50.7	52.5	101	105	70-130	3	30		
Methylene Chloride	ug/L	50	44.2	45.2	88	90	70-130	2	30		
Naphthalene	ug/L	50	53.7	55.5	107	111	70-130	3	30		
o-Xylene	ug/L	50	51.4	53.4	103	107	70-130	4	30		
p-Isopropyltoluene	ug/L	50	49.9	52.4	100	105	70-130	5	30		
Styrene	ug/L	50	53.1	55.3	106	111	70-130	4	30		
Tetrachloroethene	ug/L	50	52.5	54.7	105	109	70-130	4	30		
Toluene	ug/L	50	47.7	49.5	95	99	70-130	4	30		
trans-1,2-Dichloroethene	ug/L	50	47.1	49.2	94	98	70-130	4	30		
trans-1,3-Dichloropropene	ug/L	50	51.8	53.7	104	107	70-130	3	30		
Trichloroethene	ug/L	50	52.5	53.0	105	106	70-130	1	30		
Trichlorofluoromethane	ug/L	50	50.6	51.7	101	103	70-130	2	30		
Vinyl acetate	ug/L	100	108	112	108	112	70-130	4	30		
Vinyl chloride	ug/L	50	38.5	39.6	77	79	70-130	3	30		
Xylene (Total)	ug/L	150	160	165	107	110	70-130	3	30		
1,2-Dichloroethane-d4 (S)	%				107	113	70-130				
4-Bromofluorobenzene (S)	%				107	108	70-130				
Toluene-d8 (S)	%				96	98	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
 Pace Project No.: 92525994

QC Batch: 614060 Analysis Method: EPA 8260D
 QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525994001

METHOD BLANK: 3231905 Matrix: Water

Associated Lab Samples: 92525994001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/15/21 15:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/15/21 15:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/15/21 15:33	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/15/21 15:33	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/15/21 15:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/15/21 15:33	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/15/21 15:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/15/21 15:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/15/21 15:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/15/21 15:33	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/15/21 15:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/15/21 15:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/15/21 15:33	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/15/21 15:33	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/15/21 15:33	v1
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
2-Hexanone	ug/L	ND	5.0	0.48	04/15/21 15:33	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/15/21 15:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/15/21 15:33	
Acetone	ug/L	ND	25.0	5.1	04/15/21 15:33	v1
Benzene	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromobenzene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Bromochloromethane	ug/L	ND	1.0	0.47	04/15/21 15:33	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/15/21 15:33	
Bromoform	ug/L	ND	1.0	0.34	04/15/21 15:33	
Bromomethane	ug/L	ND	2.0	1.7	04/15/21 15:33	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/15/21 15:33	
Chlorobenzene	ug/L	ND	1.0	0.28	04/15/21 15:33	
Chloroethane	ug/L	ND	1.0	0.65	04/15/21 15:33	IK,v1
Chloroform	ug/L	ND	5.0	1.6	04/15/21 15:33	
Chloromethane	ug/L	ND	1.0	0.54	04/15/21 15:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/15/21 15:33	
Dibromomethane	ug/L	ND	1.0	0.39	04/15/21 15:33	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/15/21 15:33	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

METHOD BLANK: 3231905

Matrix: Water

Associated Lab Samples: 92525994001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/15/21 15:33	
Ethylbenzene	ug/L	ND	1.0	0.30	04/15/21 15:33	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/15/21 15:33	
m&p-Xylene	ug/L	ND	2.0	0.71	04/15/21 15:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/15/21 15:33	
Methylene Chloride	ug/L	ND	5.0	2.0	04/15/21 15:33	
Naphthalene	ug/L	ND	1.0	0.64	04/15/21 15:33	
o-Xylene	ug/L	ND	1.0	0.34	04/15/21 15:33	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/15/21 15:33	
Styrene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/15/21 15:33	
Toluene	ug/L	ND	1.0	0.48	04/15/21 15:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/15/21 15:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/15/21 15:33	
Trichloroethene	ug/L	ND	1.0	0.38	04/15/21 15:33	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/15/21 15:33	
Vinyl acetate	ug/L	ND	2.0	1.3	04/15/21 15:33	
Vinyl chloride	ug/L	ND	1.0	0.39	04/15/21 15:33	
Xylene (Total)	ug/L	ND	1.0	0.34	04/15/21 15:33	
1,2-Dichloroethane-d4 (S)	%	99	70-130		04/15/21 15:33	
4-Bromofluorobenzene (S)	%	104	70-130		04/15/21 15:33	
Toluene-d8 (S)	%	109	70-130		04/15/21 15:33	

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.0	110	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-130	
1,1-Dichloropropene	ug/L	50	54.8	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.4	103	70-130	
1,2,3-Trichloropropane	ug/L	50	53.1	106	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.6	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.1	114	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	52.2	104	70-130	
1,2-Dichloropropane	ug/L	50	54.1	108	70-130	
1,3-Dichlorobenzene	ug/L	50	50.6	101	70-130	
1,3-Dichloropropane	ug/L	50	56.8	114	70-130	
1,4-Dichlorobenzene	ug/L	50	49.2	98	70-130	
2,2-Dichloropropane	ug/L	50	55.4	111	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

LABORATORY CONTROL SAMPLE: 3231906

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	129	129	70-130	v1
2-Chlorotoluene	ug/L	50	52.5	105	70-130	
2-Hexanone	ug/L	100	112	112	70-130	
4-Chlorotoluene	ug/L	50	50.6	101	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	111	111	70-130	
Acetone	ug/L	100	128	128	70-130	v1
Benzene	ug/L	50	51.3	103	70-130	
Bromobenzene	ug/L	50	54.3	109	70-130	
Bromochloromethane	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	58.2	116	70-130	
Bromomethane	ug/L	50	51.5	103	70-130	
Carbon tetrachloride	ug/L	50	49.5	99	70-130	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	53.9	108	70-130	IK,v1
Chloroform	ug/L	50	52.1	104	70-130	
Chloromethane	ug/L	50	49.9	100	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.2	114	70-130	
Dibromochloromethane	ug/L	50	60.2	120	70-130	
Dibromomethane	ug/L	50	53.3	107	70-130	
Dichlorodifluoromethane	ug/L	50	49.4	99	70-130	
Diisopropyl ether	ug/L	50	56.5	113	70-130	
Ethylbenzene	ug/L	50	51.9	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.4	99	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	57.8	116	70-130	
Methylene Chloride	ug/L	50	51.8	104	70-130	
Naphthalene	ug/L	50	54.0	108	70-130	
o-Xylene	ug/L	50	51.1	102	70-130	
p-Isopropyltoluene	ug/L	50	49.4	99	70-130	
Styrene	ug/L	50	53.6	107	70-130	
Tetrachloroethene	ug/L	50	48.7	97	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	57.6	115	70-130	
Trichloroethene	ug/L	50	53.1	106	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	136	136	70-130	L1
Vinyl chloride	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Parameter	Units	92524326002		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	212	216	106	108	73-134	2	30	H1				
1,1,1-Trichloroethane	ug/L	ND	200	200	203	206	101	103	82-143	2	30	H1				
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	195	100	97	70-136	3	30	H1				
1,1,2-Trichloroethane	ug/L	ND	200	200	218	209	109	105	70-135	4	30	H1				
1,1-Dichloroethane	ug/L	ND	200	200	192	177	96	88	70-139	8	30	H1				
1,1-Dichloroethene	ug/L	ND	200	200	219	225	109	112	70-154	3	30	H1				
1,1-Dichloropropene	ug/L	ND	200	200	206	228	103	114	70-149	10	30	H1				
1,2,3-Trichlorobenzene	ug/L	ND	200	200	232	224	116	112	70-135	3	30	H1				
1,2,3-Trichloropropane	ug/L	ND	200	200	204	202	102	101	71-137	1	30	H1				
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	225	110	113	73-140	2	30	H1				
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	220	212	110	106	65-134	4	30	H1				
1,2-Dichlorobenzene	ug/L	ND	200	200	211	212	105	106	70-133	0	30	H1				
1,2-Dichloroethane	ug/L	ND	200	200	186	185	93	92	70-137	0	30	H1				
1,2-Dichloropropane	ug/L	ND	200	200	205	207	102	104	70-140	1	30	H1				
1,3-Dichlorobenzene	ug/L	ND	200	200	210	217	105	108	70-135	3	30	H1				
1,3-Dichloropropane	ug/L	ND	200	200	202	205	101	102	70-143	1	30	H1				
1,4-Dichlorobenzene	ug/L	ND	200	200	215	213	107	106	70-133	1	30	H1				
2,2-Dichloropropane	ug/L	ND	200	200	210	216	105	108	61-148	3	30	H1				
2-Butanone (MEK)	ug/L	ND	400	400	411	443	103	111	60-139	8	30	H1				
2-Chlorotoluene	ug/L	ND	200	200	219	219	110	110	70-144	0	30	H1				
2-Hexanone	ug/L	ND	400	400	422	408	106	102	65-138	3	30	H1				
4-Chlorotoluene	ug/L	ND	200	200	209	212	104	106	70-137	2	30	H1				
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	421	413	105	103	65-135	2	30	H1				
Acetone	ug/L	ND	400	400	406	335	102	84	60-148	19	30	H1				
Benzene	ug/L	49.4	200	200	263	268	107	109	70-151	2	30	H1				
Bromobenzene	ug/L	ND	200	200	221	218	111	109	70-136	2	30	H1				
Bromochloromethane	ug/L	ND	200	200	197	211	99	106	70-141	7	30	H1				
Bromodichloromethane	ug/L	ND	200	200	215	212	108	106	70-138	1	30	H1				
Bromoform	ug/L	ND	200	200	195	200	98	100	63-130	2	30	H1				
Bromomethane	ug/L	ND	200	200	228	235	114	118	15-152	3	30	H1				
Carbon tetrachloride	ug/L	ND	200	200	241	243	120	122	70-143	1	30	H1				
Chlorobenzene	ug/L	ND	200	200	175	176	88	88	70-138	0	30	H1				
Chloroethane	ug/L	ND	200	200	226	224	113	112	52-163	1	30	H1				
Chloroform	ug/L	ND	200	200	206	213	103	106	70-139	3	30	H1				
Chloromethane	ug/L	ND	200	200	192	196	96	98	41-139	2	30	H1				
cis-1,2-Dichloroethene	ug/L	ND	200	200	197	212	98	106	70-141	7	30	H1				
cis-1,3-Dichloropropene	ug/L	ND	200	200	214	212	107	106	70-137	1	30	H1				
Dibromochloromethane	ug/L	ND	200	200	210	210	105	105	70-134	0	30	H1				
Dibromomethane	ug/L	ND	200	200	214	216	107	108	70-138	1	30	H1				
Dichlorodifluoromethane	ug/L	ND	200	200	209	202	104	101	47-155	4	30	H1				
Diisopropyl ether	ug/L	ND	200	200	176	164	88	82	63-144	7	30	H1				
Ethylbenzene	ug/L	46.6	200	200	256	260	105	107	66-153	2	30	H1				
Hexachloro-1,3-butadiene	ug/L	ND	200	200	225	229	113	114	65-149	1	30	H1				
m&p-Xylene	ug/L	22.0	400	400	453	455	108	108	69-152	0	30	H1				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

Parameter	Units	3231907		3231908		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92524326002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	200	200	166	163	83	81	54-156	2	30	H1	
Methylene Chloride	ug/L	ND	200	200	214	175	100	81	42-159	20	30	H1	
Naphthalene	ug/L	1600	200	200	1970	1980	187	193	61-148	1	30	H1, M1	
o-Xylene	ug/L	15.4	200	200	229	226	107	105	70-148	1	30	H1	
p-Isopropyltoluene	ug/L	ND	200	200	220	219	110	110	70-146	0	30	H1	
Styrene	ug/L	6.1J	200	200	218	217	106	105	70-135	1	30	H1	
Tetrachloroethene	ug/L	ND	200	200	209	214	105	107	59-143	2	30	H1	
Toluene	ug/L	23.6	200	200	236	231	106	103	59-148	2	30	H1	
trans-1,2-Dichloroethene	ug/L	ND	200	200	207	176	103	88	70-146	16	30	H1	
trans-1,3-Dichloropropene	ug/L	ND	200	200	215	212	108	106	70-135	1	30	H1	
Trichloroethene	ug/L	ND	200	200	215	214	108	107	70-147	0	30	H1	
Trichlorofluoromethane	ug/L	ND	200	200	211	210	105	105	70-148	0	30	H1	
Vinyl acetate	ug/L	ND	400	400	413	392	103	98	49-151	5	30	H1	
Vinyl chloride	ug/L	ND	200	200	194	193	97	97	70-156	1	30	H1	
Xylene (Total)	ug/L	37.4	600	600	681	681	107	107	63-158	0	30		
1,2-Dichloroethane-d4 (S)	%						92	93	70-130				
4-Bromofluorobenzene (S)	%						97	98	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

QC Batch: 614745 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3235255 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/20/21 08:43	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/20/21 08:43	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/20/21 08:43	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/20/21 08:43	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/20/21 08:43	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/20/21 08:43	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/20/21 08:43	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/20/21 08:43	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/20/21 08:43	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/20/21 08:43	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/20/21 08:43	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/20/21 08:43	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/20/21 08:43	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/20/21 08:43	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/20/21 08:43	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/20/21 08:43	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/20/21 08:43	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/20/21 08:43	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/20/21 08:43	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/20/21 08:43	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/20/21 08:43	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/20/21 08:43	
Acenaphthene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Acenaphthylene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Aniline	ug/L	ND	10.0	1.6	04/20/21 08:43	
Anthracene	ug/L	ND	10.0	2.3	04/20/21 08:43	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/20/21 08:43	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/20/21 08:43	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/20/21 08:43	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/20/21 08:43	
Benzoic Acid	ug/L	ND	50.0	3.4	04/20/21 08:43	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/20/21 08:43	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/20/21 08:43	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/20/21 08:43	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/20/21 08:43	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/20/21 08:43	
Chrysene	ug/L	ND	10.0	2.8	04/20/21 08:43	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

METHOD BLANK: 3235255

Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/20/21 08:43	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/20/21 08:43	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/20/21 08:43	
Dibenzofuran	ug/L	ND	10.0	2.1	04/20/21 08:43	
Diethylphthalate	ug/L	ND	10.0	2.0	04/20/21 08:43	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/20/21 08:43	
Fluoranthene	ug/L	ND	10.0	2.2	04/20/21 08:43	
Fluorene	ug/L	ND	10.0	2.1	04/20/21 08:43	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/20/21 08:43	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/20/21 08:43	
Hexachloroethane	ug/L	ND	10.0	1.4	04/20/21 08:43	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/20/21 08:43	
Isophorone	ug/L	ND	10.0	1.7	04/20/21 08:43	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/20/21 08:43	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/20/21 08:43	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/20/21 08:43	
Nitrobenzene	ug/L	ND	10.0	1.9	04/20/21 08:43	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/20/21 08:43	
Phenanthrene	ug/L	ND	10.0	2.0	04/20/21 08:43	
Phenol	ug/L	ND	10.0	1.4	04/20/21 08:43	
Pyrene	ug/L	ND	10.0	2.2	04/20/21 08:43	
2,4,6-Tribromophenol (S)	%	75	10-144		04/20/21 08:43	
2-Fluorobiphenyl (S)	%	100	10-130		04/20/21 08:43	
2-Fluorophenol (S)	%	44	10-130		04/20/21 08:43	
Nitrobenzene-d5 (S)	%	109	10-144		04/20/21 08:43	
Phenol-d6 (S)	%	56	10-130		04/20/21 08:43	
Terphenyl-d14 (S)	%	107	34-163		04/20/21 08:43	

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	32.9	66	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	31.2	62	28-130	
2,4,5-Trichlorophenol	ug/L	50	45.8	92	35-130	
2,4,6-Trichlorophenol	ug/L	50	41.7	83	31-130	
2,4-Dichlorophenol	ug/L	50	36.3	73	35-130	
2,4-Dimethylphenol	ug/L	50	36.6	73	34-130	
2,4-Dinitrophenol	ug/L	250	255	102	10-153	
2,4-Dinitrotoluene	ug/L	50	53.0	106	37-136	
2,6-Dinitrotoluene	ug/L	50	50.4	101	33-136	
2-Chloronaphthalene	ug/L	50	32.8	66	26-130	
2-Chlorophenol	ug/L	50	30.9	62	37-130	
2-Methylnaphthalene	ug/L	50	32.4	65	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	31.2	62	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	98.0	98	37-130	
2-Nitrophenol	ug/L	50	34.5	69	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	30.7	61	34-130	
3,3'-Dichlorobenzidine	ug/L	100	118	118	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	112	112	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.0	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	86.4	86	37-130	
4-Chloroaniline	ug/L	100	73.6	74	38-130	
4-Chlorophenylphenyl ether	ug/L	50	45.5	91	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	156	63	10-130	
Acenaphthene	ug/L	50	41.0	82	33-130	
Acenaphthylene	ug/L	50	42.5	85	35-130	
Aniline	ug/L	50	30.4	61	22-130	
Anthracene	ug/L	50	52.7	105	48-130	
Benzo(a)anthracene	ug/L	50	57.6	115	48-137	
Benzo(b)fluoranthene	ug/L	50	57.8	116	52-138	
Benzo(g,h,i)perylene	ug/L	50	60.1	120	48-140	
Benzo(k)fluoranthene	ug/L	50	57.4	115	48-139	
Benzoic Acid	ug/L	250	141	56	10-130	
Benzyl alcohol	ug/L	100	67.8	68	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	36.5	73	34-130	
bis(2-Chloroethyl) ether	ug/L	50	35.3	71	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.5	127	32-165	
Butylbenzylphthalate	ug/L	50	62.4	125	34-161	
Chrysene	ug/L	50	56.0	112	47-131	
Di-n-butylphthalate	ug/L	50	59.2	118	39-144	
Di-n-octylphthalate	ug/L	50	57.9	116	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.2	116	49-138	
Dibenzofuran	ug/L	50	43.3	87	33-130	
Diethylphthalate	ug/L	50	52.6	105	38-131	
Dimethylphthalate	ug/L	50	49.1	98	37-130	
Fluoranthene	ug/L	50	55.6	111	46-137	
Fluorene	ug/L	50	47.3	95	37-130	
Hexachlorobenzene	ug/L	50	48.1	96	38-130	
Hexachlorocyclopentadiene	ug/L	50	20.7	41	10-130	
Hexachloroethane	ug/L	50	18.2	36	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	61.1	122	41-130	
Isophorone	ug/L	50	39.7	79	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	36.3	73	36-130	
N-Nitrosodimethylamine	ug/L	50	28.7	57	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.2	102	37-130	
Nitrobenzene	ug/L	50	32.7	65	36-130	
Pentachlorophenol	ug/L	100	107	107	23-149	
Phenanthrene	ug/L	50	52.6	105	44-130	
Phenol	ug/L	50	23.1	46	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

LABORATORY CONTROL SAMPLE: 3235256

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	58.1	116	47-134	
2,4,6-Tribromophenol (S)	%			125	10-144	
2-Fluorobiphenyl (S)	%			71	10-130	
2-Fluorophenol (S)	%			50	10-130	
Nitrobenzene-d5 (S)	%			72	10-144	
Phenol-d6 (S)	%			41	10-130	
Terphenyl-d14 (S)	%			101	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235257 3235258

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92525994001 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	459	50	50	50	591	497	265	75	10-130	17	30	M1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	41.3	41.3	83	83	12-142	0	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	50.6	50.3	101	101	10-143	1	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	48.1	46.0	96	92	10-147	5	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	50.2	47.6	100	95	10-138	5	30	
2,4-Dimethylphenol	ug/L	49.3	50	50	50	113	98.9	127	99	25-130	13	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	ND	27.6J	5	11	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	50	51.4	53.8	103	108	29-148	4	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	51.3	52.4	103	105	26-146	2	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	36.0	36.0	72	72	11-130	0	30	
2-Chlorophenol	ug/L	ND	50	50	50	43.9	44.7	88	89	10-133	2	30	
2-Methylnaphthalene	ug/L	791	50	50	50	956	791	330	0	13-130	19	30	M1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	47.2	47.5	94	95	20-130	1	30	
2-Nitroaniline	ug/L	ND	100	100	100	88.3	101	88	101	24-136	13	30	
2-Nitrophenol	ug/L	ND	50	50	50	53.0	50.5	106	101	10-153	5	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	44.2	45.2	88	90	16-130	2	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	112	109	112	109	10-153	2	30	
3-Nitroaniline	ug/L	ND	100	100	100	99.4	102	99	102	22-151	3	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	75.6	60.7	76	61	10-180	22	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	56.3	59.0	113	118	25-130	5	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	95.4	95.8	95	96	25-133	0	30	
4-Chloroaniline	ug/L	ND	100	100	100	88.5	88.3	88	88	14-132	0	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	43.5	46.5	87	93	19-130	7	30	
4-Nitroaniline	ug/L	ND	100	100	100	103	103	103	103	29-150	0	30	
4-Nitrophenol	ug/L	ND	250	250	250	85.1	71.1	34	28	10-130	18	30	
Acenaphthene	ug/L	173	50	50	50	281	244	215	142	16-130	14	30	M1
Acenaphthylene	ug/L	70.1	50	50	50	127	117	115	94	15-137	9	30	
Aniline	ug/L	ND	50	50	50	41.3	43.3	83	87	10-130	5	30	
Anthracene	ug/L	11.7	50	50	50	68.1	66.2	113	109	37-136	3	30	
Benzo(a)anthracene	ug/L	ND	50	50	50	57.4	56.4	115	113	40-145	2	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	57.6	56.8	115	114	39-151	1	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	58.8	61.2	118	122	40-147	4	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3235257 3235258												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92525994001 Result	Spike Conc.	Spike Conc.	MS Result							
Benzo(k)fluoranthene	ug/L	ND	50	50	57.3	56.9	115	114	40-146	1	30	
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	89.7	93.4	90	93	25-130	4	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	51.5	49.2	100	96	23-130	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	50.8	50.8	102	102	25-130	0	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	59.9	58.5	120	117	28-166	2	30	
Butylbenzylphthalate	ug/L	ND	50	50	63.3	62.2	127	124	33-165	2	30	
Chrysene	ug/L	ND	50	50	56.7	55.6	113	111	38-141	2	30	
Di-n-butylphthalate	ug/L	ND	50	50	56.1	56.5	112	113	32-153	1	30	
Di-n-octylphthalate	ug/L	ND	50	50	56.4	57.1	113	114	30-175	1	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	57.8	57.9	116	116	39-148	0	30	
Dibenzofuran	ug/L	19.3	50	50	67.1	65.0	95	91	20-130	3	30	
Diethylphthalate	ug/L	ND	50	50	50.5	52.6	101	105	28-142	4	30	
Dimethylphthalate	ug/L	ND	50	50	49.4	50.3	99	101	26-136	2	30	
Fluoranthene	ug/L	3.6J	50	50	59.6	58.5	112	110	39-143	2	30	
Fluorene	ug/L	71.0	50	50	131	122	121	102	24-132	7	30	
Hexachlorobenzene	ug/L	ND	50	50	49.7	51.1	99	102	29-130	3	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	24.8	22.8	50	46	10-130	8	30	
Hexachloroethane	ug/L	ND	50	50	28.9	24.7	58	49	10-130	16	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	58.2	59.5	116	119	39-148	2	30	
Isophorone	ug/L	ND	50	50	51.2	50.2	102	100	23-130	2	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	47.0	49.9	94	100	25-130	6	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	40.6	42.0	81	84	22-130	4	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	56.2	57.2	112	114	26-134	2	30	
Nitrobenzene	ug/L	ND	50	50	47.1	45.4	94	91	25-130	4	30	
Pentachlorophenol	ug/L	ND	100	100	91.5	75.3	92	75	10-175	19	30	
Phenanthrene	ug/L	74.6	50	50	139	129	128	108	36-133	8	30	
Phenol	ug/L	3.4J	50	50	34.4	36.3	62	66	10-130	6	30	
Pyrene	ug/L	5.9J	50	50	67.1	65.4	122	119	40-143	3	30	
2,4,6-Tribromophenol (S)	%						124	121	10-144			
2-Fluorobiphenyl (S)	%						86	81	10-130			
2-Fluorophenol (S)	%						68	67	10-130			
Nitrobenzene-d5 (S)	%						105	97	10-144			
Phenol-d6 (S)	%						54	57	10-130			
Terphenyl-d14 (S)	%						99	97	34-163			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

QC Batch: 613325 Analysis Method: SM 2320B-2011
 QC Batch Method: SM 2320B-2011 Analysis Description: 2320B Alkalinity
 Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3227999 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	04/13/21 16:42	

LABORATORY CONTROL SAMPLE: 3228000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228001 3228002

Parameter	Units	3228001		3228002		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92532453001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Alkalinity, Total as CaCO3	mg/L	54.8	50	50	105	108	100	107	80-120	3	25

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3228003 3228004

Parameter	Units	3228003		3228004		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92532453002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						
Alkalinity, Total as CaCO3	mg/L	78.0	50	50	128	128	99	101	80-120	1	25

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

QC Batch: 613480	Analysis Method: SM 2540C-2011
QC Batch Method: SM 2540C-2011	Analysis Description: 2540C Total Dissolved Solids
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3228968 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	04/14/21 01:15	

LABORATORY CONTROL SAMPLE: 3228969

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	251	248	99	90-110	

SAMPLE DUPLICATE: 3229197

Parameter	Units	92532235002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	61.0	66.0	8	25	

SAMPLE DUPLICATE: 3229198

Parameter	Units	92532235003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	84.0	85.0	1	25	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

QC Batch: 613489	Analysis Method: SM 2540D-2011
QC Batch Method: SM 2540D-2011	Analysis Description: 2540D Total Suspended Solids
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3229020 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Suspended Solids	mg/L	ND	2.5	2.5	04/13/21 19:18	

LABORATORY CONTROL SAMPLE: 3229021

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Suspended Solids	mg/L	251	242	97	90-110	

SAMPLE DUPLICATE: 3229022

Parameter	Units	92532542001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	117	116	1	25	

SAMPLE DUPLICATE: 3229070

Parameter	Units	92532414002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Suspended Solids	mg/L	111	114	3	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

QC Batch: 613532	Analysis Method: SM 5210B-2011
QC Batch Method: SM 5210B-2011	Analysis Description: 5210B BOD, 5 day
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3229193 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
BOD, 5 day	mg/L	ND	2.0	2.0	04/19/21 09:39	

LABORATORY CONTROL SAMPLE: 3229195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
BOD, 5 day	mg/L	198	212	107	84.6-115	

SAMPLE DUPLICATE: 3229196

Parameter	Units	92532830001 Result	Dup Result	RPD	Max RPD	Qualifiers
BOD, 5 day	mg/L	241	233	4	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

QC Batch: 613547 Analysis Method: SM 5220D-2011
QC Batch Method: SM 5220D-2011 Analysis Description: 5220D COD
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3229205 Matrix: Water
Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chemical Oxygen Demand	mg/L	ND	25.0	12.5	04/14/21 07:29	

LABORATORY CONTROL SAMPLE: 3229206

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chemical Oxygen Demand	mg/L	750	779	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229207 3229208

Parameter	Units	3229207		3229208		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual	
		MS Result	MSD Result	MS Result	MSD Result							
Chemical Oxygen Demand	mg/L	ND	100	100	124	122	112	110	90-110	2	3	H1,M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3229209 3229210

Parameter	Units	3229209		3229210		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qual
		MS Result	MSD Result	MS Result	MSD Result						
Chemical Oxygen Demand	mg/L	92532264001	110	117					6	3	M1,R1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030494

Pace Project No.: 92525994

QC Batch: 613721	Analysis Method: SM 5310B-2011
QC Batch Method: SM 5310B-2011	Analysis Description: 5310B TOC
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92525994001, 92525994002

METHOD BLANK: 3230045 Matrix: Water

Associated Lab Samples: 92525994001, 92525994002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	04/15/21 02:35	

LABORATORY CONTROL SAMPLE: 3230046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	23.5	94	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230047 3230048

Parameter	Units	92524321001		MS		MSD		% Rec		Limits		Max	
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD	Qual	
Total Organic Carbon	mg/L	80.3	25	25	94.7	94.2	58	56	90-110	0	10	H1,M6	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3230049 3230050

Parameter	Units	92525782002		MS		MSD		% Rec		Limits		Max	
		Result	Spike Conc.	Spike Conc.	Conc.	Result	Result	% Rec	% Rec	RPD	RPD	Qual	
Total Organic Carbon	mg/L	ND	25	25	25.1	25.3	98	99	90-110	1	10	H1	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|--|
| H1 | Analysis conducted outside the EPA method holding time. |
| H2 | Extraction or preparation conducted outside EPA method holding time. |
| H3 | Sample was received or analysis requested beyond the recognized method holding time. |
| IK | The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| M6 | Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution. |
| R1 | RPD value was outside control limits. |
| v1 | The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030494
Pace Project No.: 92525994

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92525994001	MW-49BR-WG_20210304	EPA 3010A	613328	EPA 6010D	613505
92525994002	FB-06-WQ_20210304	EPA 3010A	613328	EPA 6010D	613505
92525994001	MW-49BR-WG_20210304	EPA 3510C	614745	EPA 8270E	614822
92525994002	FB-06-WQ_20210304	EPA 3510C	614745	EPA 8270E	614822
92525994001	MW-49BR-WG_20210304	EPA 8260D	614060		
92525994002	FB-06-WQ_20210304	EPA 8260D	613412		
92525994003	TB-06-WQ_20210304	EPA 8260D	613412		
92525994001	MW-49BR-WG_20210304	SM 2320B-2011	613325		
92525994002	FB-06-WQ_20210304	SM 2320B-2011	613325		
92525994001	MW-49BR-WG_20210304	SM 2540C-2011	613480		
92525994002	FB-06-WQ_20210304	SM 2540C-2011	613480		
92525994001	MW-49BR-WG_20210304	SM 2540D-2011	613489		
92525994002	FB-06-WQ_20210304	SM 2540D-2011	613489		
92525994001	MW-49BR-WG_20210304	SM 5210B-2011	613532	SM 5210B-2011	613565
92525994002	FB-06-WQ_20210304	SM 5210B-2011	613532	SM 5210B-2011	613565
92525994001	MW-49BR-WG_20210304	SM 5220D-2011	613547	SM 5220D-2011	613557
92525994002	FB-06-WQ_20210304	SM 5220D-2011	613547	SM 5220D-2011	613557
92525994001	MW-49BR-WG_20210304	SM 5310B-2011	613721		
92525994002	FB-06-WQ_20210304	SM 5310B-2011	613721		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:
Syntera

Project #:

WO#: 92525994



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: **3-5-21 AR**

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: **93-T071** Type of Ice: Wet Blue None

Cooler Temp: **3.7/4.3** Correction Factor: Add/Subtract (°C) **0**

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): **3.7/4.3**

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-includes Date/Time/ID/Analysis Matrix: WT			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92525994

PM: KLH1

Due Date: 03/12/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (C-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (C-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (C-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (C-)	AG1N-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (C-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(C-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	1	1	2	1	1	/	/	/	2	/	/	/	/	3	/	/	/	3	/	/	/	/	/	/	/	/	/
2	/	1	1	2	1	1	/	/	/	2	/	/	/	/	3	/	/	/	3	/	/	/	/	/	/	/	/	/
3	/	1	1	2	1	1	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
Company: Synterra
Address: 148 River Street
Suite 220, Greenville, SC 29601
Phone: king@synterracorp.com
Email To: king@synterracorp.com
Requested Due Date: _____

Section B
Required Project Information:
Report To: Tom King
Copy To: _____
Purchase Order #: _____
Project Name: Former Bramlette MGP Aquifer
Project Number: _____

Section C
Invoice Information:
Attention: _____
Company Name: _____
Address: _____
Paco Quote: _____
Paco Project Manager: Kevin Herring
Paco Profile #: 7754

Page : 1 of 1

ITEM #	SAMPLE ID One Character per box: (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX	CODE	DATE	TIME	DATE	TIME	RELIQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)													
																		MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-CRAB C-COMP)	START	END	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Residual Chlorine (Y/N)
																		MIX	WT	DATE	TIME	DATE	TIME	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	
1	MU-498R-MG-20210304	Dinking Water	DM	3/4/21	16:50	3/4/21	16:50	Big Chem Systems	3/4/21	16:50	Chelsie Gust/Pace	3/4/21	16:50	41.3	Y	N	Y													
2	FB-06-WR-20210304	Water	WT	3/5/21	11:25	3/5/21	11:25	Chelsie Gust/Pace	3/5/21	11:25	Chelsie Gust/Pace	3/5/21	11:25	31.7	Y	N	Y													
3	TB-06-WR-20210304	Water	WT	3/5/21	12:45	3/5/21	12:45	Chelsie Gust/Pace	3/5/21	12:45	Chelsie Gust/Pace	3/5/21	12:45	41.3	Y	N	Y													

SAMPLER NAME AND SIGNATURE:
PRINT Name of SAMPLER: Big Chem
SIGNATURE of SAMPLER: Big Chem
DATE Signed: 3/4/21

April 08, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92530937001	MW-50S_WG_20210331	Water	03/31/21 12:38	04/01/21 11:20
92530937002	MW-50TZ_WG_20210331	Water	03/31/21 10:57	04/01/21 11:20
92530937003	EB-01_WQ_20210331	Water	03/31/21 13:15	04/01/21 11:20
92530937004	TRIP BLANK	Water	04/01/21 00:00	04/01/21 11:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530937001	MW-50S_WG_20210331	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92530937002	MW-50TZ_WG_20210331	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92530937003	EB-01_WQ_20210331	EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		EPA 8260D	SAS	62	PASI-C
92530937004	TRIP BLANK	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 08, 2021

General Information:

2 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611335

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3218546)
 - 2,2'-Oxybis(1-chloropropane)

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3218547)
 - 2,2'-Oxybis(1-chloropropane)

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 611335

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3218547)
 - Benzo(b)fluoranthene
 - Indeno(1,2,3-cd)pyrene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 08, 2021

QC Batch: 611696

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3219929)
- 2-Nitrophenol

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 611696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912007

R1: RPD value was outside control limits.

- MSD (Lab ID: 3219931)
- 2,4-Dinitrophenol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Method: EPA 8270E by SIM

Description: 8270E Low Volume PAH SIM

Client: Duke Energy

Date: April 08, 2021

General Information:

3 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 08, 2021

General Information:

4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611090

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3217496)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- EB-01_WQ_20210331 (Lab ID: 92530937003)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- LCS (Lab ID: 3217497)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MS (Lab ID: 3217498)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MSD (Lab ID: 3217499)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MW-50S_WG_20210331 (Lab ID: 92530937001)
 - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 08, 2021

QC Batch: 611090

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene
- MW-50TZ_WG_20210331 (Lab ID: 92530937002)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92530937004)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611090

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3217496)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- EB-01_WQ_20210331 (Lab ID: 92530937003)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- MW-50S_WG_20210331 (Lab ID: 92530937001)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- MW-50TZ_WG_20210331 (Lab ID: 92530937002)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92530937004)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 08, 2021

QC Batch: 611090

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Bromoform
- Bromomethane
- Methylene Chloride
- trans-1,3-Dichloropropene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3217497)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- MS (Lab ID: 3217498)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene
- MSD (Lab ID: 3217499)
 - Bromoform
 - Bromomethane
 - Methylene Chloride
 - trans-1,3-Dichloropropene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Sample Project No.: 92530937

Sample: MW-50S_WG_20210331 **Lab ID: 92530937001** Collected: 03/31/21 12:38 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 13:22	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/07/21 07:21	04/07/21 13:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 13:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/07/21 07:21	04/07/21 13:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 13:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 13:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/07/21 07:21	04/07/21 13:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/07/21 07:21	04/07/21 13:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 13:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/07/21 07:21	04/07/21 13:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/07/21 07:21	04/07/21 13:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/07/21 07:21	04/07/21 13:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 13:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 13:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 13:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 13:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 13:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 13:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 13:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/07/21 07:21	04/07/21 13:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 13:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 13:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 13:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 13:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/07/21 07:21	04/07/21 13:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/07/21 07:21	04/07/21 13:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 13:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 13:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/07/21 07:21	04/07/21 13:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/07/21 07:21	04/07/21 13:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 13:22	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 13:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 13:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 13:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 13:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/07/21 07:21	04/07/21 13:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 13:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 13:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 13:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 13:22	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: MW-50S_WG_20210331 Lab ID: 92530937001 Collected: 03/31/21 12:38 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/07/21 07:21	04/07/21 13:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 13:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/07/21 07:21	04/07/21 13:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 13:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 13:22	88-75-5	L1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/07/21 07:21	04/07/21 13:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 13:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/07/21 07:21	04/07/21 13:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 13:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 13:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 13:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 13:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 13:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 13:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 13:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 13:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	04/07/21 07:21	04/07/21 13:22	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	04/07/21 07:21	04/07/21 13:22	321-60-8	
Terphenyl-d14 (S)	144	%	34-163		1	04/07/21 07:21	04/07/21 13:22	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	04/07/21 07:21	04/07/21 13:22	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	04/07/21 07:21	04/07/21 13:22	367-12-4	
2,4,6-Tribromophenol (S)	113	%	10-144		1	04/07/21 07:21	04/07/21 13:22	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/06/21 11:14	04/06/21 15:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	04/06/21 11:14	04/06/21 15:28	4165-60-0	
2-Fluorobiphenyl (S)	135	%	61-163		1	04/06/21 11:14	04/06/21 15:28	321-60-8	
Terphenyl-d14 (S)	127	%	62-169		1	04/06/21 11:14	04/06/21 15:28	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/02/21 18:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/02/21 18:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/02/21 18:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/02/21 18:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/02/21 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/02/21 18:59	75-25-2	IK,v2
Bromomethane	ND	ug/L	2.0	1.7	1		04/02/21 18:59	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/02/21 18:59	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/02/21 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/02/21 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/02/21 18:59	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Sample: MW-50S_WG_20210331 Lab ID: 92530937001 Collected: 03/31/21 12:38 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/02/21 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/02/21 18:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 18:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/02/21 18:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/02/21 18:59	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/02/21 18:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/02/21 18:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/02/21 18:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/02/21 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 18:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/02/21 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/02/21 18:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/02/21 18:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/02/21 18:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/02/21 18:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/02/21 18:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 18:59	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 18:59	10061-02-6	v2
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/02/21 18:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/02/21 18:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/02/21 18:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/02/21 18:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/02/21 18:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/02/21 18:59	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/02/21 18:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/02/21 18:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/02/21 18:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/02/21 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/02/21 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/02/21 18:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/02/21 18:59	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/02/21 18:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/02/21 18:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/02/21 18:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/02/21 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 18:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 18:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/02/21 18:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/02/21 18:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/02/21 18:59	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/02/21 18:59	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: MW-50S_WG_20210331 Lab ID: 92530937001 Collected: 03/31/21 12:38 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/02/21 18:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/02/21 18:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/02/21 18:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/02/21 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		04/02/21 18:59	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		04/02/21 18:59	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: MW-50TZ_WG_20210331 Lab ID: 92530937002 Collected: 03/31/21 10:57 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/05/21 10:08	04/05/21 16:30	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/05/21 10:08	04/05/21 16:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/05/21 10:08	04/05/21 16:30	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/05/21 10:08	04/05/21 16:30	205-99-2	L1
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/05/21 10:08	04/05/21 16:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/05/21 10:08	04/05/21 16:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/05/21 10:08	04/05/21 16:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/05/21 10:08	04/05/21 16:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/05/21 10:08	04/05/21 16:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/05/21 10:08	04/05/21 16:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/05/21 10:08	04/05/21 16:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/05/21 10:08	04/05/21 16:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/05/21 10:08	04/05/21 16:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/05/21 10:08	04/05/21 16:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/05/21 10:08	04/05/21 16:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/05/21 10:08	04/05/21 16:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/05/21 10:08	04/05/21 16:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/05/21 10:08	04/05/21 16:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/05/21 10:08	04/05/21 16:30	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/05/21 10:08	04/05/21 16:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/05/21 10:08	04/05/21 16:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/05/21 10:08	04/05/21 16:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/05/21 10:08	04/05/21 16:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/05/21 10:08	04/05/21 16:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/05/21 10:08	04/05/21 16:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/05/21 10:08	04/05/21 16:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/05/21 10:08	04/05/21 16:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/05/21 10:08	04/05/21 16:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/05/21 10:08	04/05/21 16:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/05/21 10:08	04/05/21 16:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/05/21 10:08	04/05/21 16:30	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/05/21 10:08	04/05/21 16:30	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/05/21 10:08	04/05/21 16:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/05/21 10:08	04/05/21 16:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/05/21 10:08	04/05/21 16:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/05/21 10:08	04/05/21 16:30	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/05/21 10:08	04/05/21 16:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/05/21 10:08	04/05/21 16:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/05/21 10:08	04/05/21 16:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/05/21 10:08	04/05/21 16:30	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: MW-50TZ_WG_20210331 **Lab ID: 92530937002** Collected: 03/31/21 10:57 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/05/21 10:08	04/05/21 16:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/05/21 10:08	04/05/21 16:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/05/21 10:08	04/05/21 16:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/05/21 10:08	04/05/21 16:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/05/21 10:08	04/05/21 16:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/05/21 10:08	04/05/21 16:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/05/21 10:08	04/05/21 16:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/05/21 10:08	04/05/21 16:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/05/21 10:08	04/05/21 16:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/05/21 10:08	04/05/21 16:30	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/05/21 10:08	04/05/21 16:30	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/05/21 10:08	04/05/21 16:30	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/05/21 10:08	04/05/21 16:30	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/05/21 10:08	04/05/21 16:30	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/05/21 10:08	04/05/21 16:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/05/21 10:08	04/05/21 16:30	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-144		1	04/05/21 10:08	04/05/21 16:30	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	04/05/21 10:08	04/05/21 16:30	321-60-8	
Terphenyl-d14 (S)	139	%	34-163		1	04/05/21 10:08	04/05/21 16:30	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	04/05/21 10:08	04/05/21 16:30	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	04/05/21 10:08	04/05/21 16:30	367-12-4	
2,4,6-Tribromophenol (S)	33	%	10-144		1	04/05/21 10:08	04/05/21 16:30	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/06/21 11:14	04/06/21 15:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	112	%	67-170		1	04/06/21 11:14	04/06/21 15:50	4165-60-0	
2-Fluorobiphenyl (S)	147	%	61-163		1	04/06/21 11:14	04/06/21 15:50	321-60-8	
Terphenyl-d14 (S)	134	%	62-169		1	04/06/21 11:14	04/06/21 15:50	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/02/21 19:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/02/21 19:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/02/21 19:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/02/21 19:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/02/21 19:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/02/21 19:16	75-25-2	IK,v2
Bromomethane	ND	ug/L	2.0	1.7	1		04/02/21 19:16	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/02/21 19:16	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/02/21 19:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/02/21 19:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/02/21 19:16	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Sample: MW-50TZ_WG_20210331 Lab ID: 92530937002 Collected: 03/31/21 10:57 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1	04/02/21 19:16	67-66-3		
Chloromethane	ND	ug/L	1.0	0.54	1	04/02/21 19:16	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/02/21 19:16	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	0.32	1	04/02/21 19:16	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1	04/02/21 19:16	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	0.36	1	04/02/21 19:16	124-48-1		IK
Dibromomethane	ND	ug/L	1.0	0.39	1	04/02/21 19:16	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/02/21 19:16	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1	04/02/21 19:16	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1	04/02/21 19:16	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1	04/02/21 19:16	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1	04/02/21 19:16	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1	04/02/21 19:16	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1	04/02/21 19:16	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1	04/02/21 19:16	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1	04/02/21 19:16	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1	04/02/21 19:16	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1	04/02/21 19:16	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1	04/02/21 19:16	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1	04/02/21 19:16	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/02/21 19:16	10061-01-5		IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1	04/02/21 19:16	10061-02-6		v2
Diisopropyl ether	ND	ug/L	1.0	0.31	1	04/02/21 19:16	108-20-3		
Ethylbenzene	ND	ug/L	1.0	0.30	1	04/02/21 19:16	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1	04/02/21 19:16	87-68-3		
2-Hexanone	ND	ug/L	5.0	0.48	1	04/02/21 19:16	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1	04/02/21 19:16	99-87-6		
Methylene Chloride	ND	ug/L	5.0	2.0	1	04/02/21 19:16	75-09-2		v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1	04/02/21 19:16	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1	04/02/21 19:16	1634-04-4		
Naphthalene	ND	ug/L	1.0	0.64	1	04/02/21 19:16	91-20-3		
Styrene	ND	ug/L	1.0	0.29	1	04/02/21 19:16	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1	04/02/21 19:16	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1	04/02/21 19:16	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	0.29	1	04/02/21 19:16	127-18-4		
Toluene	ND	ug/L	1.0	0.48	1	04/02/21 19:16	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1	04/02/21 19:16	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1	04/02/21 19:16	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1	04/02/21 19:16	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1	04/02/21 19:16	79-00-5		
Trichloroethene	ND	ug/L	1.0	0.38	1	04/02/21 19:16	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1	04/02/21 19:16	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1	04/02/21 19:16	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1.3	1	04/02/21 19:16	108-05-4		IK
Vinyl chloride	ND	ug/L	1.0	0.39	1	04/02/21 19:16	75-01-4		

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: MW-50TZ_WG_20210331 **Lab ID: 92530937002** Collected: 03/31/21 10:57 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/02/21 19:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/02/21 19:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/02/21 19:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/02/21 19:16	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		04/02/21 19:16	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		04/02/21 19:16	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: EB-01_WQ_20210331 Lab ID: 92530937003 Collected: 03/31/21 13:15 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/06/21 11:14	04/06/21 16:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	04/06/21 11:14	04/06/21 16:11	4165-60-0	
2-Fluorobiphenyl (S)	131	%	61-163		1	04/06/21 11:14	04/06/21 16:11	321-60-8	
Terphenyl-d14 (S)	130	%	62-169		1	04/06/21 11:14	04/06/21 16:11	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/02/21 17:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/02/21 17:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/02/21 17:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/02/21 17:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/02/21 17:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/02/21 17:49	75-25-2	IK,v2
Bromomethane	ND	ug/L	2.0	1.7	1		04/02/21 17:49	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/02/21 17:49	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/02/21 17:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/02/21 17:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/02/21 17:49	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/02/21 17:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/02/21 17:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 17:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/02/21 17:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/02/21 17:49	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/02/21 17:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 17:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 17:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/02/21 17:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/02/21 17:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/02/21 17:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 17:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/02/21 17:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 17:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/02/21 17:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/02/21 17:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/02/21 17:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/02/21 17:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/02/21 17:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 17:49	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 17:49	10061-02-6	v2
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/02/21 17:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/02/21 17:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/02/21 17:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/02/21 17:49	591-78-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: **EB-01_WQ_20210331** Lab ID: **92530937003** Collected: 03/31/21 13:15 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/02/21 17:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/02/21 17:49	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/02/21 17:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/02/21 17:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/02/21 17:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/02/21 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/02/21 17:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/02/21 17:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/02/21 17:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/02/21 17:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/02/21 17:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/02/21 17:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/02/21 17:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 17:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 17:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/02/21 17:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/02/21 17:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/02/21 17:49	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/02/21 17:49	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/02/21 17:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/02/21 17:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/02/21 17:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/02/21 17:49	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		04/02/21 17:49	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		04/02/21 17:49	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Sample: TRIP BLANK **Lab ID: 92530937004** Collected: 04/01/21 00:00 Received: 04/01/21 11:20 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/02/21 18:06	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/02/21 18:06	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/02/21 18:06	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/02/21 18:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/02/21 18:06	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/02/21 18:06	75-25-2	IK,v2
Bromomethane	ND	ug/L	2.0	1.7	1		04/02/21 18:06	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/02/21 18:06	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/02/21 18:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/02/21 18:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/02/21 18:06	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/02/21 18:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/02/21 18:06	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 18:06	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 18:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/02/21 18:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/02/21 18:06	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/02/21 18:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 18:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 18:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/02/21 18:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/02/21 18:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/02/21 18:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 18:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/02/21 18:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 18:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/02/21 18:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/02/21 18:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/02/21 18:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/02/21 18:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/02/21 18:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 18:06	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 18:06	10061-02-6	v2
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/02/21 18:06	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/02/21 18:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/02/21 18:06	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/02/21 18:06	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/02/21 18:06	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/02/21 18:06	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/02/21 18:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/02/21 18:06	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/02/21 18:06	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/02/21 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/02/21 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/02/21 18:06	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Sample: TRIP BLANK Lab ID: 92530937004 Collected: 04/01/21 00:00 Received: 04/01/21 11:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/02/21 18:06	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/02/21 18:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/02/21 18:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/02/21 18:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/02/21 18:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 18:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 18:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/02/21 18:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/02/21 18:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/02/21 18:06	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/02/21 18:06	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/02/21 18:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/02/21 18:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/02/21 18:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		04/02/21 18:06	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		04/02/21 18:06	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		04/02/21 18:06	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

QC Batch: 611090 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530937001, 92530937002, 92530937003, 92530937004

METHOD BLANK: 3217496 Matrix: Water
Associated Lab Samples: 92530937001, 92530937002, 92530937003, 92530937004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/02/21 12:17	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/02/21 12:17	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/02/21 12:17	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/02/21 12:17	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/02/21 12:17	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/02/21 12:17	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/02/21 12:17	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/02/21 12:17	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/02/21 12:17	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/02/21 12:17	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/02/21 12:17	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/02/21 12:17	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/02/21 12:17	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/02/21 12:17	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/02/21 12:17	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/02/21 12:17	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/02/21 12:17	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/02/21 12:17	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/02/21 12:17	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/02/21 12:17	
2-Hexanone	ug/L	ND	5.0	0.48	04/02/21 12:17	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/02/21 12:17	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/02/21 12:17	
Acetone	ug/L	ND	25.0	5.1	04/02/21 12:17	
Benzene	ug/L	ND	1.0	0.34	04/02/21 12:17	
Bromobenzene	ug/L	ND	1.0	0.29	04/02/21 12:17	
Bromochloromethane	ug/L	ND	1.0	0.47	04/02/21 12:17	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/02/21 12:17	
Bromoform	ug/L	ND	1.0	0.34	04/02/21 12:17	IK,v2
Bromomethane	ug/L	ND	2.0	1.7	04/02/21 12:17	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/02/21 12:17	
Chlorobenzene	ug/L	ND	1.0	0.28	04/02/21 12:17	
Chloroethane	ug/L	ND	1.0	0.65	04/02/21 12:17	
Chloroform	ug/L	ND	5.0	1.6	04/02/21 12:17	
Chloromethane	ug/L	ND	1.0	0.54	04/02/21 12:17	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/02/21 12:17	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/02/21 12:17	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/02/21 12:17	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/02/21 12:17	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/02/21 12:17	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

METHOD BLANK: 3217496 Matrix: Water
Associated Lab Samples: 92530937001, 92530937002, 92530937003, 92530937004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/02/21 12:17	
Ethylbenzene	ug/L	ND	1.0	0.30	04/02/21 12:17	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/02/21 12:17	
m&p-Xylene	ug/L	ND	2.0	0.71	04/02/21 12:17	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/02/21 12:17	
Methylene Chloride	ug/L	ND	5.0	2.0	04/02/21 12:17	v2
Naphthalene	ug/L	ND	1.0	0.64	04/02/21 12:17	
o-Xylene	ug/L	ND	1.0	0.34	04/02/21 12:17	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/02/21 12:17	
Styrene	ug/L	ND	1.0	0.29	04/02/21 12:17	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/02/21 12:17	
Toluene	ug/L	ND	1.0	0.48	04/02/21 12:17	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/02/21 12:17	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/02/21 12:17	v2
Trichloroethene	ug/L	ND	1.0	0.38	04/02/21 12:17	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/02/21 12:17	
Vinyl acetate	ug/L	ND	2.0	1.3	04/02/21 12:17	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/02/21 12:17	
Xylene (Total)	ug/L	ND	1.0	0.34	04/02/21 12:17	
1,2-Dichloroethane-d4 (S)	%	88	70-130		04/02/21 12:17	
4-Bromofluorobenzene (S)	%	103	70-130		04/02/21 12:17	
Toluene-d8 (S)	%	114	70-130		04/02/21 12:17	

LABORATORY CONTROL SAMPLE: 3217497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.6	93	70-130	
1,1,1-Trichloroethane	ug/L	50	57.8	116	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.1	108	70-130	
1,1,2-Trichloroethane	ug/L	50	46.1	92	70-130	
1,1-Dichloroethane	ug/L	50	58.4	117	70-130	
1,1-Dichloroethene	ug/L	50	49.0	98	70-130	
1,1-Dichloropropene	ug/L	50	55.1	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	64.3	129	70-130	
1,2,3-Trichloropropane	ug/L	50	54.7	109	70-130	
1,2,4-Trichlorobenzene	ug/L	50	61.2	122	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	59.5	119	70-130	
1,2-Dichlorobenzene	ug/L	50	55.5	111	70-130	
1,2-Dichloroethane	ug/L	50	53.6	107	70-130	
1,2-Dichloropropane	ug/L	50	59.2	118	70-130	
1,3-Dichlorobenzene	ug/L	50	55.2	110	70-130	
1,3-Dichloropropane	ug/L	50	49.7	99	70-130	
1,4-Dichlorobenzene	ug/L	50	56.9	114	70-130	
2,2-Dichloropropane	ug/L	50	61.0	122	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

LABORATORY CONTROL SAMPLE: 3217497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	121	121	70-130	IK
2-Chlorotoluene	ug/L	50	55.6	111	70-130	
2-Hexanone	ug/L	100	109	109	70-130	
4-Chlorotoluene	ug/L	50	51.9	104	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	70-130	
Acetone	ug/L	100	106	106	70-130	
Benzene	ug/L	50	59.7	119	70-130	
Bromobenzene	ug/L	50	56.4	113	70-130	
Bromochloromethane	ug/L	50	59.6	119	70-130	
Bromodichloromethane	ug/L	50	54.8	110	70-130	
Bromoform	ug/L	50	47.0	94	70-130	IK,v3
Bromomethane	ug/L	50	49.7	99	70-130	v3
Carbon tetrachloride	ug/L	50	53.3	107	70-130	
Chlorobenzene	ug/L	50	54.2	108	70-130	
Chloroethane	ug/L	50	50.5	101	70-130	
Chloroform	ug/L	50	58.0	116	70-130	
Chloromethane	ug/L	50	53.6	107	70-130	
cis-1,2-Dichloroethene	ug/L	50	54.7	109	70-130	
cis-1,3-Dichloropropene	ug/L	50	52.5	105	70-130	IK
Dibromochloromethane	ug/L	50	49.4	99	70-130	IK
Dibromomethane	ug/L	50	49.6	99	70-130	
Dichlorodifluoromethane	ug/L	50	48.0	96	70-130	
Diisopropyl ether	ug/L	50	58.7	117	70-130	
Ethylbenzene	ug/L	50	53.6	107	70-130	
Hexachloro-1,3-butadiene	ug/L	50	58.6	117	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	52.5	105	70-130	
Methylene Chloride	ug/L	50	43.9	88	70-130	v3
Naphthalene	ug/L	50	60.3	121	70-130	
o-Xylene	ug/L	50	53.1	106	70-130	
p-Isopropyltoluene	ug/L	50	58.8	118	70-130	
Styrene	ug/L	50	54.7	109	70-130	
Tetrachloroethene	ug/L	50	56.1	112	70-130	
Toluene	ug/L	50	51.8	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	55.8	112	70-130	
trans-1,3-Dichloropropene	ug/L	50	44.9	90	70-130	v3
Trichloroethene	ug/L	50	60.8	122	70-130	
Trichlorofluoromethane	ug/L	50	47.4	95	70-130	
Vinyl acetate	ug/L	100	117	117	70-130	IK
Vinyl chloride	ug/L	50	51.6	103	70-130	
Xylene (Total)	ug/L	150	159	106	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			93	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Parameter	Units	92530935001		MS		MSD		MS		MSD		% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	% Rec	% Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	17.4	15.5	87	77	73-134	12	30					
1,1,1-Trichloroethane	ug/L	ND	20	20	24.2	20.0	121	100	82-143	19	30					
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	18.6	104	93	70-136	11	30					
1,1,2-Trichloroethane	ug/L	ND	20	20	19.8	17.9	99	90	70-135	10	30					
1,1-Dichloroethane	ug/L	ND	20	20	25.0	21.5	125	108	70-139	15	30					
1,1-Dichloroethene	ug/L	ND	20	20	22.5	18.4	113	92	70-154	20	30					
1,1-Dichloropropene	ug/L	ND	20	20	20.9	17.8	104	89	70-149	16	30					
1,2,3-Trichlorobenzene	ug/L	ND	20	20	25.4	22.8	127	114	70-135	11	30					
1,2,3-Trichloropropane	ug/L	ND	20	20	21.8	18.5	109	92	71-137	17	30					
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.3	22.1	121	111	73-140	9	30					
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.0	19.7	110	99	65-134	11	30					
1,2-Dichlorobenzene	ug/L	ND	20	20	22.6	19.5	113	97	70-133	15	30					
1,2-Dichloroethane	ug/L	ND	20	20	21.8	18.9	109	95	70-137	14	30					
1,2-Dichloropropane	ug/L	ND	20	20	23.8	20.9	119	105	70-140	13	30					
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	19.9	114	99	70-135	14	30					
1,3-Dichloropropane	ug/L	ND	20	20	18.4	15.4	92	77	70-143	17	30					
1,4-Dichlorobenzene	ug/L	ND	20	20	23.1	20.1	115	101	70-133	14	30					
2,2-Dichloropropane	ug/L	ND	20	20	24.9	22.5	124	112	61-148	10	30					
2-Butanone (MEK)	ug/L	ND	40	40	45.3	35.4	113	89	60-139	24	30	IK				
2-Chlorotoluene	ug/L	ND	20	20	23.2	20.4	116	102	70-144	13	30					
2-Hexanone	ug/L	ND	40	40	42.1	37.5	105	94	65-138	12	30					
4-Chlorotoluene	ug/L	ND	20	20	22.7	19.5	113	97	70-137	15	30					
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	38.5	33.8	96	85	65-135	13	30					
Acetone	ug/L	ND	40	40	42.2	35.3	106	88	60-148	18	30					
Benzene	ug/L	ND	20	20	22.9	20.8	114	104	70-151	9	30					
Bromobenzene	ug/L	ND	20	20	22.2	19.7	111	99	70-136	12	30					
Bromochloromethane	ug/L	ND	20	20	24.2	21.7	121	109	70-141	11	30					
Bromodichloromethane	ug/L	ND	20	20	22.2	19.8	111	99	70-138	11	30					
Bromoform	ug/L	ND	20	20	16.5	13.7	82	68	63-130	19	30	IK,v3				
Bromomethane	ug/L	ND	20	20	21.4	19.3	107	96	15-152	11	30	v3				
Carbon tetrachloride	ug/L	ND	20	20	24.4	20.7	122	103	70-143	16	30					
Chlorobenzene	ug/L	ND	20	20	22.6	20.2	113	101	70-138	12	30					
Chloroethane	ug/L	ND	20	20	24.9	20.6	124	103	52-163	19	30					
Chloroform	ug/L	ND	20	20	23.7	19.6	116	95	70-139	19	30					
Chloromethane	ug/L	ND	20	20	22.5	19.5	112	98	41-139	14	30					
cis-1,2-Dichloroethene	ug/L	0.83J	20	20	25.3	21.3	122	102	70-141	17	30					
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.2	17.2	96	86	70-137	11	30	IK				
Dibromochloromethane	ug/L	ND	20	20	17.7	15.4	89	77	70-134	14	30	IK				
Dibromomethane	ug/L	ND	20	20	21.3	18.4	107	92	70-138	15	30					
Dichlorodifluoromethane	ug/L	ND	20	20	21.4	18.5	107	92	47-155	15	30					
Diisopropyl ether	ug/L	ND	20	20	20.0	17.9	100	89	63-144	11	30					
Ethylbenzene	ug/L	ND	20	20	22.4	19.3	112	96	66-153	15	30					
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.8	22.1	119	110	65-149	7	30					
m&p-Xylene	ug/L	ND	40	40	44.4	38.9	111	97	69-152	13	30					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Parameter	Units	92530935001		3217498		3217499		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Methyl-tert-butyl ether	ug/L	ND	20	20	19.6	15.7	98	79	54-156	22	30			
Methylene Chloride	ug/L	ND	20	20	19.2	16.8	96	84	42-159	14	30	v3		
Naphthalene	ug/L	ND	20	20	24.7	21.6	122	107	61-148	14	30			
o-Xylene	ug/L	ND	20	20	22.1	19.5	110	98	70-148	12	30			
p-Isopropyltoluene	ug/L	ND	20	20	23.6	21.3	118	106	70-146	11	30			
Styrene	ug/L	ND	20	20	22.1	19.2	110	96	70-135	14	30			
Tetrachloroethene	ug/L	ND	20	20	22.4	20.6	112	103	59-143	9	30			
Toluene	ug/L	ND	20	20	22.5	20.2	113	101	59-148	11	30			
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.3	20.8	122	104	70-146	16	30			
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.7	16.9	98	84	70-135	15	30	v3		
Trichloroethene	ug/L	3.1	20	20	27.4	25.0	122	109	70-147	9	30			
Trichlorofluoromethane	ug/L	ND	20	20	21.0	18.7	105	94	70-148	11	30			
Vinyl acetate	ug/L	ND	40	40	44.6	37.7	112	94	49-151	17	30	IK		
Vinyl chloride	ug/L	ND	20	20	24.0	20.9	120	104	70-156	14	30			
Xylene (Total)	ug/L	ND	60	60	66.4	58.4	111	97	63-158	13	30			
1,2-Dichloroethane-d4 (S)	%						100	100	70-130					
4-Bromofluorobenzene (S)	%						95	95	70-130					
Toluene-d8 (S)	%						96	98	70-130					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

QC Batch: 611335 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530937002

METHOD BLANK: 3218546 Matrix: Water

Associated Lab Samples: 92530937002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/05/21 13:40	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/05/21 13:40	v2
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/05/21 13:40	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/05/21 13:40	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/05/21 13:40	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/05/21 13:40	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/05/21 13:40	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/05/21 13:40	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/05/21 13:40	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/05/21 13:40	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/05/21 13:40	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/05/21 13:40	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/05/21 13:40	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/05/21 13:40	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/05/21 13:40	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/05/21 13:40	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/05/21 13:40	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/05/21 13:40	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/05/21 13:40	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/05/21 13:40	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/05/21 13:40	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/05/21 13:40	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/05/21 13:40	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/05/21 13:40	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/05/21 13:40	
Acenaphthene	ug/L	ND	10.0	2.0	04/05/21 13:40	
Acenaphthylene	ug/L	ND	10.0	2.0	04/05/21 13:40	
Aniline	ug/L	ND	10.0	1.6	04/05/21 13:40	
Anthracene	ug/L	ND	10.0	2.3	04/05/21 13:40	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/05/21 13:40	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/05/21 13:40	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/05/21 13:40	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/05/21 13:40	
Benzoic Acid	ug/L	ND	50.0	3.4	04/05/21 13:40	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/05/21 13:40	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/05/21 13:40	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/05/21 13:40	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/05/21 13:40	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/05/21 13:40	
Chrysene	ug/L	ND	10.0	2.8	04/05/21 13:40	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

METHOD BLANK: 3218546 Matrix: Water
Associated Lab Samples: 92530937002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/05/21 13:40	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/05/21 13:40	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/05/21 13:40	
Dibenzofuran	ug/L	ND	10.0	2.1	04/05/21 13:40	
Diethylphthalate	ug/L	ND	10.0	2.0	04/05/21 13:40	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/05/21 13:40	
Fluoranthene	ug/L	ND	10.0	2.2	04/05/21 13:40	
Fluorene	ug/L	ND	10.0	2.1	04/05/21 13:40	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/05/21 13:40	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/05/21 13:40	
Hexachloroethane	ug/L	ND	10.0	1.4	04/05/21 13:40	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/05/21 13:40	
Isophorone	ug/L	ND	10.0	1.7	04/05/21 13:40	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/05/21 13:40	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/05/21 13:40	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/05/21 13:40	
Nitrobenzene	ug/L	ND	10.0	1.9	04/05/21 13:40	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/05/21 13:40	
Phenanthrene	ug/L	ND	10.0	2.0	04/05/21 13:40	
Phenol	ug/L	ND	10.0	1.4	04/05/21 13:40	
Pyrene	ug/L	ND	10.0	2.2	04/05/21 13:40	
2,4,6-Tribromophenol (S)	%	80	10-144		04/05/21 13:40	
2-Fluorobiphenyl (S)	%	90	10-130		04/05/21 13:40	
2-Fluorophenol (S)	%	55	10-130		04/05/21 13:40	
Nitrobenzene-d5 (S)	%	86	10-144		04/05/21 13:40	
Phenol-d6 (S)	%	42	10-130		04/05/21 13:40	
Terphenyl-d14 (S)	%	125	34-163		04/05/21 13:40	

LABORATORY CONTROL SAMPLE: 3218547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	41.6	83	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	36.4	73	28-130 v3	
2,4,5-Trichlorophenol	ug/L	50	54.3	109	35-130	
2,4,6-Trichlorophenol	ug/L	50	50.9	102	31-130	
2,4-Dichlorophenol	ug/L	50	50.1	100	35-130	
2,4-Dimethylphenol	ug/L	50	51.1	102	34-130	
2,4-Dinitrophenol	ug/L	250	188	75	10-153	
2,4-Dinitrotoluene	ug/L	50	57.7	115	37-136	
2,6-Dinitrotoluene	ug/L	50	57.6	115	33-136	
2-Chloronaphthalene	ug/L	50	44.7	89	26-130	
2-Chlorophenol	ug/L	50	45.2	90	37-130	
2-Methylnaphthalene	ug/L	50	40.6	81	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	42.8	86	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

LABORATORY CONTROL SAMPLE: 3218547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	108	108	37-130	
2-Nitrophenol	ug/L	50	50.8	102	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.1	82	34-130	
3,3'-Dichlorobenzidine	ug/L	100	129	129	34-136	
3-Nitroaniline	ug/L	100	119	119	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	111	111	21-157	
4-Bromophenylphenyl ether	ug/L	50	59.6	119	38-130	
4-Chloro-3-methylphenol	ug/L	100	101	101	37-130	
4-Chloroaniline	ug/L	100	105	105	38-130	
4-Chlorophenylphenyl ether	ug/L	50	53.0	106	33-130	
4-Nitroaniline	ug/L	100	129	129	42-137	
4-Nitrophenol	ug/L	250	167	67	10-130	
Acenaphthene	ug/L	50	50.4	101	33-130	
Acenaphthylene	ug/L	50	50.9	102	35-130	
Aniline	ug/L	50	40.8	82	22-130	
Anthracene	ug/L	50	58.6	117	48-130	
Benzo(a)anthracene	ug/L	50	63.8	128	48-137	
Benzo(b)fluoranthene	ug/L	50	70.6	141	52-138	L1
Benzo(g,h,i)perylene	ug/L	50	67.7	135	48-140	
Benzo(k)fluoranthene	ug/L	50	64.3	129	48-139	
Benzoic Acid	ug/L	250	33.6J	13	10-130	
Benzyl alcohol	ug/L	100	91.7	92	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	50.0	100	34-130	
bis(2-Chloroethyl) ether	ug/L	50	50.2	100	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	64.3	129	32-165	
Butylbenzylphthalate	ug/L	50	66.8	134	34-161	
Chrysene	ug/L	50	62.0	124	47-131	
Di-n-butylphthalate	ug/L	50	60.5	121	39-144	
Di-n-octylphthalate	ug/L	50	65.4	131	30-170	
Dibenz(a,h)anthracene	ug/L	50	68.3	137	49-138	
Dibenzofuran	ug/L	50	52.2	104	33-130	
Diethylphthalate	ug/L	50	57.9	116	38-131	
Dimethylphthalate	ug/L	50	55.1	110	37-130	
Fluoranthene	ug/L	50	61.4	123	46-137	
Fluorene	ug/L	50	55.5	111	37-130	
Hexachlorobenzene	ug/L	50	56.6	113	38-130	
Hexachlorocyclopentadiene	ug/L	50	32.0	64	10-130	
Hexachloroethane	ug/L	50	32.1	64	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	69.1	138	41-130	L1
Isophorone	ug/L	50	45.1	90	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	48.2	96	36-130	
N-Nitrosodimethylamine	ug/L	50	38.0	76	34-130	
N-Nitrosodiphenylamine	ug/L	50	54.9	110	37-130	
Nitrobenzene	ug/L	50	49.0	98	36-130	
Pentachlorophenol	ug/L	100	119	119	23-149	
Phenanthrene	ug/L	50	58.1	116	44-130	
Phenol	ug/L	50	29.8	60	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

LABORATORY CONTROL SAMPLE: 3218547

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	59.0	118	47-134	
2,4,6-Tribromophenol (S)	%			137	10-144	
2-Fluorobiphenyl (S)	%			100	10-130	
2-Fluorophenol (S)	%			72	10-130	
Nitrobenzene-d5 (S)	%			104	10-144	
Phenol-d6 (S)	%			53	10-130	
Terphenyl-d14 (S)	%			146	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218548 3218549

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912005 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	ND	50	50	50	41.9	43.5	84	87	10-130	4	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	45.7	47.0	91	94	12-142	3	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	50.0	50.7	100	101	10-143	1	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	47.8	48.2	96	96	10-147	1	30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	47.2	50.1	94	100	10-138	6	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	49.9	51.5	100	103	25-130	3	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	148	157	59	63	10-165	6	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	50	51.0	51.9	102	104	29-148	2	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	54.3	54.4	109	109	26-146	0	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	43.2	44.1	86	88	11-130	2	30	
2-Chlorophenol	ug/L	ND	50	50	50	47.3	47.6	95	95	10-133	1	30	
2-Methylnaphthalene	ug/L	ND	50	50	50	41.7	43.4	83	87	13-130	4	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	46.2	48.4	92	97	20-130	5	30	
2-Nitroaniline	ug/L	ND	100	100	100	109	110	109	110	24-136	1	30	
2-Nitrophenol	ug/L	ND	50	50	50	47.7	51.1	95	102	10-153	7	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	44.7	47.3	89	95	16-130	6	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	72.6	70.2	73	70	10-153	3	30	
3-Nitroaniline	ug/L	ND	100	100	100	108	106	108	106	22-151	2	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	105	105	105	105	10-180	0	30	
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	56.8	56.6	114	113	25-130	0	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	98.8	102	99	102	25-133	3	30	
4-Chloroaniline	ug/L	ND	100	100	100	91.6	95.3	92	95	14-132	4	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	48.1	47.2	96	94	19-130	2	30	
4-Nitroaniline	ug/L	ND	100	100	100	103	101	103	101	29-150	2	30	
4-Nitrophenol	ug/L	ND	250	250	250	183	190	73	76	10-130	4	30	
Acenaphthene	ug/L	ND	50	50	50	47.9	48.4	96	97	16-130	1	30	
Acenaphthylene	ug/L	ND	50	50	50	48.2	48.8	96	98	15-137	1	30	
Aniline	ug/L	ND	50	50	50	43.8	44.9	88	90	10-130	2	30	
Anthracene	ug/L	ND	50	50	50	52.7	53.6	105	107	37-136	2	30	
Benzo(a)anthracene	ug/L	ND	50	50	50	56.0	56.7	112	113	40-145	1	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	55.5	61.4	111	123	39-151	10	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	58.6	66.3	117	133	40-147	12	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Parameter	Units	3218548		3218549		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	52.8	55.3	106	111	40-146	5	30		
Benzoic Acid	ug/L	ND	250	250	25.0J	45.8J	10	18	10-130		30		
Benzyl alcohol	ug/L	ND	100	100	102	105	102	105	25-130	3	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	49.1	51.8	98	104	23-130	5	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	53.3	54.1	107	108	25-130	2	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	60.1	60.3	120	121	28-166	0	30		
Butylbenzylphthalate	ug/L	ND	50	50	63.7	61.9	127	124	33-165	3	30		
Chrysene	ug/L	ND	50	50	54.4	54.2	109	108	38-141	1	30		
Di-n-butylphthalate	ug/L	ND	50	50	55.1	54.4	110	109	32-153	1	30		
Di-n-octylphthalate	ug/L	ND	50	50	57.5	64.9	115	130	30-175	12	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	57.2	63.4	114	127	39-148	10	30		
Dibenzofuran	ug/L	ND	50	50	47.4	48.4	95	97	20-130	2	30		
Diethylphthalate	ug/L	ND	50	50	49.7	50.3	99	101	28-142	1	30		
Dimethylphthalate	ug/L	ND	50	50	49.2	48.8	98	98	26-136	1	30		
Fluoranthene	ug/L	ND	50	50	52.2	53.1	104	106	39-143	2	30		
Fluorene	ug/L	ND	50	50	50.4	50.6	101	101	24-132	0	30		
Hexachlorobenzene	ug/L	ND	50	50	50.2	50.4	100	101	29-130	0	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	31.4	31.3	63	63	10-130	0	30		
Hexachloroethane	ug/L	ND	50	50	32.1	32.1	64	64	10-130	0	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	58.1	64.3	116	129	39-148	10	30		
Isophorone	ug/L	ND	50	50	46.3	48.2	93	96	23-130	4	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	53.3	53.4	107	107	25-130	0	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	46.8	47.6	94	95	22-130	2	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	51.3	51.2	103	102	26-134	0	30		
Nitrobenzene	ug/L	ND	50	50	47.5	49.6	95	99	25-130	4	30		
Pentachlorophenol	ug/L	ND	100	100	100	110	100	110	10-175	10	30		
Phenanthrene	ug/L	ND	50	50	51.5	51.7	103	103	36-133	0	30		
Phenol	ug/L	ND	50	50	35.7	36.5	71	73	10-130	2	30		
Pyrene	ug/L	ND	50	50	59.7	60.4	119	121	40-143	1	30		
2,4,6-Tribromophenol (S)	%						119	120	10-144				
2-Fluorobiphenyl (S)	%						88	89	10-130				
2-Fluorophenol (S)	%						81	80	10-130				
Nitrobenzene-d5 (S)	%						98	101	10-144				
Phenol-d6 (S)	%						70	73	10-130				
Terphenyl-d14 (S)	%						135	135	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

QC Batch: 611696 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530937001

METHOD BLANK: 3219928 Matrix: Water
Associated Lab Samples: 92530937001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/07/21 08:32	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/07/21 08:32	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/07/21 08:32	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/07/21 08:32	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/07/21 08:32	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/07/21 08:32	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/07/21 08:32	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/07/21 08:32	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/07/21 08:32	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/07/21 08:32	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/07/21 08:32	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/07/21 08:32	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/07/21 08:32	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/07/21 08:32	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/07/21 08:32	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/07/21 08:32	
Acenaphthene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Acenaphthylene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Aniline	ug/L	ND	10.0	1.6	04/07/21 08:32	
Anthracene	ug/L	ND	10.0	2.3	04/07/21 08:32	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/07/21 08:32	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/07/21 08:32	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzoic Acid	ug/L	ND	50.0	3.4	04/07/21 08:32	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/07/21 08:32	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/07/21 08:32	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/07/21 08:32	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/07/21 08:32	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/07/21 08:32	
Chrysene	ug/L	ND	10.0	2.8	04/07/21 08:32	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

METHOD BLANK: 3219928

Matrix: Water

Associated Lab Samples: 92530937001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/07/21 08:32	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/07/21 08:32	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/07/21 08:32	
Dibenzofuran	ug/L	ND	10.0	2.1	04/07/21 08:32	
Diethylphthalate	ug/L	ND	10.0	2.0	04/07/21 08:32	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/07/21 08:32	
Fluoranthene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Fluorene	ug/L	ND	10.0	2.1	04/07/21 08:32	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/07/21 08:32	
Hexachloroethane	ug/L	ND	10.0	1.4	04/07/21 08:32	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/07/21 08:32	
Isophorone	ug/L	ND	10.0	1.7	04/07/21 08:32	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/07/21 08:32	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/07/21 08:32	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/07/21 08:32	
Nitrobenzene	ug/L	ND	10.0	1.9	04/07/21 08:32	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/07/21 08:32	
Phenanthrene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Phenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
Pyrene	ug/L	ND	10.0	2.2	04/07/21 08:32	
2,4,6-Tribromophenol (S)	%	85	10-144		04/07/21 08:32	
2-Fluorobiphenyl (S)	%	58	10-130		04/07/21 08:32	
2-Fluorophenol (S)	%	51	10-130		04/07/21 08:32	
Nitrobenzene-d5 (S)	%	69	10-144		04/07/21 08:32	
Phenol-d6 (S)	%	39	10-130		04/07/21 08:32	
Terphenyl-d14 (S)	%	141	34-163		04/07/21 08:32	

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	53.8	108	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	53.5	107	28-130	
2,4,5-Trichlorophenol	ug/L	50	59.3	119	35-130	
2,4,6-Trichlorophenol	ug/L	50	59.5	119	31-130	
2,4-Dichlorophenol	ug/L	50	56.1	112	35-130	
2,4-Dimethylphenol	ug/L	50	57.9	116	34-130	
2,4-Dinitrophenol	ug/L	250	260	104	10-153	
2,4-Dinitrotoluene	ug/L	50	56.7	113	37-136	
2,6-Dinitrotoluene	ug/L	50	61.1	122	33-136	
2-Chloronaphthalene	ug/L	50	54.6	109	26-130	
2-Chlorophenol	ug/L	50	51.5	103	37-130	
2-Methylnaphthalene	ug/L	50	53.5	107	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	49.6	99	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	111	111	37-130	
2-Nitrophenol	ug/L	50	66.0	132	32-130	L1
3&4-Methylphenol(m&p Cresol)	ug/L	50	46.6	93	34-130	
3,3'-Dichlorobenzidine	ug/L	100	121	121	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	60.8	122	38-130	
4-Chloro-3-methylphenol	ug/L	100	110	110	37-130	
4-Chloroaniline	ug/L	100	95.9	96	38-130	
4-Chlorophenylphenyl ether	ug/L	50	54.2	108	33-130	
4-Nitroaniline	ug/L	100	115	115	42-137	
4-Nitrophenol	ug/L	250	163	65	10-130	
Acenaphthene	ug/L	50	56.2	112	33-130	
Acenaphthylene	ug/L	50	57.4	115	35-130	
Aniline	ug/L	50	39.2	78	22-130	
Anthracene	ug/L	50	60.6	121	48-130	
Benzo(a)anthracene	ug/L	50	62.7	125	48-137	
Benzo(b)fluoranthene	ug/L	50	59.5	119	52-138	
Benzo(g,h,i)perylene	ug/L	50	56.2	112	48-140	
Benzo(k)fluoranthene	ug/L	50	59.4	119	48-139	
Benzoic Acid	ug/L	250	164	65	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	54.4	109	34-130	
bis(2-Chloroethyl) ether	ug/L	50	63.0	126	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.0	132	32-165	
Butylbenzylphthalate	ug/L	50	56.8	114	34-161	
Chrysene	ug/L	50	59.3	119	47-131	
Di-n-butylphthalate	ug/L	50	67.1	134	39-144	
Di-n-octylphthalate	ug/L	50	58.9	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.0	116	49-138	
Dibenzofuran	ug/L	50	56.5	113	33-130	
Diethylphthalate	ug/L	50	56.3	113	38-131	
Dimethylphthalate	ug/L	50	54.2	108	37-130	
Fluoranthene	ug/L	50	60.3	121	46-137	
Fluorene	ug/L	50	56.7	113	37-130	
Hexachlorobenzene	ug/L	50	57.1	114	38-130	
Hexachlorocyclopentadiene	ug/L	50	41.4	83	10-130	
Hexachloroethane	ug/L	50	45.2	90	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.7	117	41-130	
Isophorone	ug/L	50	54.8	110	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	36-130	
N-Nitrosodimethylamine	ug/L	50	47.0	94	34-130	
N-Nitrosodiphenylamine	ug/L	50	57.5	115	37-130	
Nitrobenzene	ug/L	50	59.9	120	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	59.0	118	44-130	
Phenol	ug/L	50	33.5	67	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.4	121	47-134	
2,4,6-Tribromophenol (S)	%			139	10-144	
2-Fluorobiphenyl (S)	%			106	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			116	10-144	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			139	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912007 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	ND	50	50	47.9	39.7	96	79	10-130	19	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.6	40.6	93	81	12-142	14	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	61.9	52.8	124	106	10-143	16	30		
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.9	50.4	114	101	10-147	12	30		
2,4-Dichlorophenol	ug/L	ND	50	50	52.5	46.6	105	93	10-138	12	30		
2,4-Dimethylphenol	ug/L	ND	50	50	53.7	47.1	107	94	25-130	13	30		
2,4-Dinitrophenol	ug/L	ND	250	250	90.8	154	36	62	10-165	52	30	R1	
2,4-Dinitrotoluene	ug/L	ND	50	50	58.3	49.9	117	100	29-148	15	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	63.5	54.0	127	108	26-146	16	30		
2-Chloronaphthalene	ug/L	ND	50	50	51.4	44.3	103	89	11-130	15	30		
2-Chlorophenol	ug/L	ND	50	50	48.7	41.0	97	82	10-133	17	30		
2-Methylnaphthalene	ug/L	ND	50	50	46.4	38.7	93	77	13-130	18	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.6	40.0	97	80	20-130	19	30		
2-Nitroaniline	ug/L	ND	100	100	117	98.5	117	98	24-136	17	30		
2-Nitrophenol	ug/L	ND	50	50	61.1	53.2	122	106	10-153	14	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	51.9	42.0	104	84	16-130	21	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	147	121	147	121	10-153	19	30		
3-Nitroaniline	ug/L	ND	100	100	114	97.1	114	97	22-151	16	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	96.5	100	96	100	10-180	4	30		
4-Bromophenylphenyl ether	ug/L	ND	50	50	62.4	52.1	125	104	25-130	18	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	113	97.0	113	97	25-133	15	30		
4-Chloroaniline	ug/L	ND	100	100	79.7	78.8	80	79	14-132	1	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	56.2	47.5	112	95	19-130	17	30		
4-Nitroaniline	ug/L	ND	100	100	128	105	128	105	29-150	20	30		
4-Nitrophenol	ug/L	ND	250	250	137	145	55	58	10-130	5	30		
Acenaphthene	ug/L	ND	50	50	55.6	48.2	111	96	16-130	14	30		
Acenaphthylene	ug/L	ND	50	50	57.2	49.2	114	98	15-137	15	30		
Aniline	ug/L	ND	50	50	32.2	28.8	64	58	10-130	11	30		
Anthracene	ug/L	ND	50	50	62.4	52.0	125	104	37-136	18	30		
Benzo(a)anthracene	ug/L	ND	50	50	68.0	58.0	136	116	40-145	16	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	71.3	57.6	143	115	39-151	21	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	66.3	52.4	133	105	40-147	23	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

Parameter	Units	3219930		3219931		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	68.1	53.4	136	107	40-146	24	30		
Benzoic Acid	ug/L	ND	250	250	23.9J	32.0J	10	13	10-130		30		
Benzyl alcohol	ug/L	ND	100	100	102	88.2	102	88	25-130	14	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.8	45.0	102	90	23-130	12	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.6	53.2	117	106	25-130	10	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	63.9	54.1	123	104	28-166	17	30		
Butylbenzylphthalate	ug/L	ND	50	50	66.9	56.3	134	113	33-165	17	30		
Chrysene	ug/L	ND	50	50	63.8	54.0	128	108	38-141	17	30		
Di-n-butylphthalate	ug/L	ND	50	50	65.7	53.3	131	107	32-153	21	30		
Di-n-octylphthalate	ug/L	ND	50	50	64.3	53.5	129	107	30-175	18	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	53.3	135	107	39-148	24	30		
Dibenzofuran	ug/L	ND	50	50	57.0	49.1	114	98	20-130	15	30		
Diethylphthalate	ug/L	ND	50	50	58.8	49.5	118	99	28-142	17	30		
Dimethylphthalate	ug/L	ND	50	50	55.8	47.9	112	96	26-136	15	30		
Fluoranthene	ug/L	ND	50	50	62.6	51.7	125	103	39-143	19	30		
Fluorene	ug/L	ND	50	50	58.5	49.8	117	100	24-132	16	30		
Hexachlorobenzene	ug/L	ND	50	50	58.1	49.6	116	99	29-130	16	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	37.0	28.0	74	56	10-130	28	30		
Hexachloroethane	ug/L	ND	50	50	23.7	18.4	47	37	10-130	25	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	69.0	54.4	138	109	39-148	24	30		
Isophorone	ug/L	ND	50	50	50.5	45.2	101	90	23-130	11	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	56.0	47.6	112	95	25-130	16	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	46.7	38.7	93	77	22-130	19	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	59.2	49.4	118	99	26-134	18	30		
Nitrobenzene	ug/L	ND	50	50	53.7	48.5	107	97	25-130	10	30		
Pentachlorophenol	ug/L	ND	100	100	101	89.8	101	90	10-175	12	30		
Phenanthrene	ug/L	ND	50	50	60.1	49.5	120	99	36-133	19	30		
Phenol	ug/L	ND	50	50	35.1	28.7	70	57	10-130	20	30		
Pyrene	ug/L	ND	50	50	63.8	53.5	128	107	40-143	18	30		
2,4,6-Tribromophenol (S)	%						139	113	10-144				
2-Fluorobiphenyl (S)	%						89	76	10-130				
2-Fluorophenol (S)	%						74	62	10-130				
Nitrobenzene-d5 (S)	%						103	92	10-144				
Phenol-d6 (S)	%						66	52	10-130				
Terphenyl-d14 (S)	%						144	121	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

QC Batch: 611634 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511 Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530937001, 92530937002, 92530937003

METHOD BLANK: 3219700 Matrix: Water

Associated Lab Samples: 92530937001, 92530937002, 92530937003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/06/21 12:55	
2-Fluorobiphenyl (S)	%	132	61-163		04/06/21 12:55	
Nitrobenzene-d5 (S)	%	104	67-170		04/06/21 12:55	
Terphenyl-d14 (S)	%	121	62-169		04/06/21 12:55	

LABORATORY CONTROL SAMPLE: 3219701

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.5	98	70-130	
2-Fluorobiphenyl (S)	%			140	61-163	
Nitrobenzene-d5 (S)	%			106	67-170	
Terphenyl-d14 (S)	%			119	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219702 3219703

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92530937003	Spike Conc.	Spike Conc.	Result						
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.5	2.4	99	98	50-165	1	30
2-Fluorobiphenyl (S)	%						129	128	61-163		
Nitrobenzene-d5 (S)	%						101	107	67-170		
Terphenyl-d14 (S)	%						118	118	62-169		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP SITE

Pace Project No.: 92530937

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| IK | The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| R1 | RPD value was outside control limits. |
| v2 | The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard. |
| v3 | The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP SITE
Pace Project No.: 92530937

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530937001	MW-50S_WG_20210331	EPA 3510C	611696	EPA 8270E	612101
92530937002	MW-50TZ_WG_20210331	EPA 3510C	611335	EPA 8270E	611445
92530937001	MW-50S_WG_20210331	EPA 3511	611634	EPA 8270E by SIM	611734
92530937002	MW-50TZ_WG_20210331	EPA 3511	611634	EPA 8270E by SIM	611734
92530937003	EB-01_WQ_20210331	EPA 3511	611634	EPA 8270E by SIM	611734
92530937001	MW-50S_WG_20210331	EPA 8260D	611090		
92530937002	MW-50TZ_WG_20210331	EPA 8260D	611090		
92530937003	EB-01_WQ_20210331	EPA 8260D	611090		
92530937004	TRIP BLANK	EPA 8260D	611090		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
Upon Receipt

Client Name: Synterra

Project #: **WO# : 92530937**



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 4-2-21
AMP

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 92T064 Type of Ice: Wet Blue None

Cooler Temp: 0.3 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 0.3

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 2 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92530937

PM: KLH1

Due Date: 04/08/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synera Address: 148 River Street Suite 220, Greenville, SC 29601 Phone: (803) 429-3686 Fax: Requested Due Date: Standard TAT

Section B Required Project Information: Report To: Tom King Copy To: Purchase Order #: Project Name: Former Bramlette MGP Site Project #:

Section C Invoice Information: Attention: Company Name: Address: Pace Quote: Pace Project Manager: Kevin Herring@paceelabs.com Pace Profile #: 7754

Page : 1 Of 1

ITEM #	SAMPLE ID <small>One Character per box. (A-Z, 0-9, .,) Sample Ids must be unique</small>	MATRIX <small>Drinking Water Waste Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue</small>	CODE <small>DW WW P SL OL WP AR OT TS</small>	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		DATE TIME	DATE TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	State / Location										
						START	END					Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other															
1	MU-SOS-WB-30210531			WT 6	G			03/31/21	12:36		5										3	2	3											
2	MU-SOIT-WB-30210531			WT 6	G			03/31/21	10:57		5										3	2	3											
3	EB-OI-WB-30210531			WT 6	G			03/31/21	13:15		5										3	2	3											
4	EB-OI-WB-30210531			WT 6	G																													
5	RIP BLANK			WT -	G						2																							
6																																		
7																																		
8																																		
9																																		
10																																		
11																																		
12																																		

Level 4 data report required

ADDITIONAL COMMENTS: Relinquished by / Affiliation: Synera Cold Storage, Tom King, Pace

ACCEPTED BY / AFFILIATION: Synera Cold Storage, Tom King, Pace

DATE: 03/31/21 TIME: 14:30

DATE: 4/1/21 TIME: 11:00

DATE: 4/1/21 TIME: 11:20

DATE: 4/1/21 TIME: 13:10

DATE: 03/31/21 TIME: 14:30

DATE: 4/1/21 TIME: 11:00

DATE: 4/1/21 TIME: 11:20

DATE: 4/1/21 TIME: 13:10

DATE: 03/31/21 TIME: 14:30

DATE: 4/1/21 TIME: 11:00

DATE: 4/1/21 TIME: 11:20

DATE: 4/1/21 TIME: 13:10

DATE: 03/31/21 TIME: 14:30

DATE: 4/1/21 TIME: 11:00

DATE: 4/1/21 TIME: 11:20

DATE: 4/1/21 TIME: 13:10

Regulatory Agency: SC

State / Location: SC

TEMP in C: _____

Received on Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

PRINT Name of SAMPLER: Lee Denton

SIGNATURE of SAMPLER: [Signature]

DATE Signed: 03/31/21

PRINT Name of ANALYST: Pace HVL

SIGNATURE of ANALYST: [Signature]

DATE Signed: 4-2-21

March 31, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Tyler Forney for
Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92529547001	DA4-SB-4_SE_0-0.6_20210323	Solid	03/23/21 14:05	03/24/21 11:45
92529547002	DA4-SB-4_SE_3-4_20210323	Solid	03/23/21 14:25	03/24/21 11:45
92529547003	DA4-SB-4B_SE_0-0.6_20210323	Solid	03/23/21 14:40	03/24/21 11:45
92529547004	DA4-SB-4B_SE_3-4_20210323	Solid	03/23/21 15:15	03/24/21 11:45
92529547005	DA4-SB-4A_SE_0-0.6_20210323	Solid	03/23/21 14:35	03/24/21 11:45
92529547006	DA4-SB-4A_SE_3-4_20210323	Solid	03/23/21 15:55	03/24/21 11:45
92529547007	FD-1_SE_20210323	Solid	03/23/21 16:00	03/24/21 11:45
92529547008	TRIP BLANK	Water	03/24/21 00:00	03/24/21 11:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529547001	DA4-SB-4_SE_0-0.6_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547002	DA4-SB-4_SE_3-4_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547003	DA4-SB-4B_SE_0-0.6_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547004	DA4-SB-4B_SE_3-4_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547005	DA4-SB-4A_SE_0-0.6_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547006	DA4-SB-4A_SE_3-4_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547007	FD-1_SE_20210323	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529547008	TRIP BLANK	EPA 8260D	SAS	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92529547001	DA4-SB-4_SE_0-0.6_20210323					
EPA 8082A	PCB-1260 (Aroclor 1260)	430	ug/kg	72.4	03/26/21 09:13	
EPA 8270E	Benzo(a)pyrene	3140	ug/kg	111	03/29/21 11:32	
EPA 8270E	Acenaphthene	1720	ug/kg	714	03/26/21 10:51	
EPA 8270E	Acenaphthylene	7650	ug/kg	714	03/26/21 10:51	E
EPA 8270E	Anthracene	23500	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Benzo(a)anthracene	47800	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Benzo(b)fluoranthene	39800	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Benzo(g,h,i)perylene	18900	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Benzo(k)fluoranthene	17700	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Chrysene	40200	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Dibenzofuran	2170	ug/kg	714	03/26/21 10:51	
EPA 8270E	Fluoranthene	85600	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Fluorene	8110	ug/kg	714	03/26/21 10:51	E
EPA 8270E	Indeno(1,2,3-cd)pyrene	16900	ug/kg	14300	03/29/21 10:35	
EPA 8270E	1-Methylnaphthalene	593J	ug/kg	714	03/26/21 10:51	
EPA 8270E	2-Methylnaphthalene	1250	ug/kg	714	03/26/21 10:51	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	486J	ug/kg	714	03/26/21 10:51	
EPA 8270E	Phenanthrene	53900	ug/kg	14300	03/29/21 10:35	
EPA 8270E	Pyrene	103000	ug/kg	14300	03/29/21 10:35	
EPA 8260D	Acetone	388J	ug/kg	473	03/25/21 18:26	
EPA 8260D	2-Butanone (MEK)	183J	ug/kg	473	03/25/21 18:26	
EPA 8260D	Ethylbenzene	14.5J	ug/kg	23.7	03/25/21 18:26	
EPA 8260D	Naphthalene	237	ug/kg	23.7	03/25/21 18:26	
EPA 8260D	Toluene	67.8	ug/kg	23.7	03/25/21 18:26	D6
EPA 8260D	1,2,4-Trimethylbenzene	18.6J	ug/kg	23.7	03/25/21 18:26	
EPA 8260D	Xylene (Total)	48.7	ug/kg	47.3	03/25/21 18:26	
EPA 8260D	m&p-Xylene	33.2J	ug/kg	47.3	03/25/21 18:26	
EPA 8260D	o-Xylene	15.5J	ug/kg	23.7	03/25/21 18:26	
SW-846	Percent Moisture	54.1	%	0.10	03/25/21 13:57	N2
92529547002	DA4-SB-4_SE_3-4_20210323					
EPA 8270E	Benzo(a)pyrene	53.4	ug/kg	13.0	03/29/21 08:36	M1
EPA 8270E	Fluoranthene	237J	ug/kg	419	03/26/21 11:19	
EPA 8270E	Phenanthrene	208J	ug/kg	419	03/26/21 11:19	
EPA 8270E	Pyrene	228J	ug/kg	419	03/26/21 11:19	
EPA 8260D	Ethylbenzene	4.7J	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	Isopropylbenzene (Cumene)	4.4J	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	p-Isopropyltoluene	4.1J	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	Naphthalene	186	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	Toluene	8.6	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	1,2,4-Trimethylbenzene	6.5J	ug/kg	7.1	03/25/21 18:44	
EPA 8260D	Xylene (Total)	13.3J	ug/kg	14.2	03/25/21 18:44	
EPA 8260D	m&p-Xylene	9.6J	ug/kg	14.2	03/25/21 18:44	
EPA 8260D	o-Xylene	3.7J	ug/kg	7.1	03/25/21 18:44	
SW-846	Percent Moisture	22.5	%	0.10	03/25/21 13:57	N2
92529547003	DA4-SB-4B_SE_0-0.6_20210323					
EPA 8270E	Benzo(a)pyrene	22.6	ug/kg	15.6	03/29/21 09:20	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92529547003	DA4-SB-4B_SE_0-0.6_20210323					
EPA 8260D	Toluene	15.4	ug/kg	9.3	03/25/21 19:03	
SW-846	Percent Moisture	35.8	%	0.10	03/25/21 13:57	N2
92529547004	DA4-SB-4B_SE_3-4_20210323					
EPA 8270E	Benzo(a)pyrene	3.6J	ug/kg	13.2	03/29/21 09:42	
EPA 8260D	Toluene	10.7	ug/kg	6.8	03/25/21 19:21	
SW-846	Percent Moisture	23.8	%	0.10	03/25/21 13:57	N2
92529547005	DA4-SB-4A_SE_0-0.6_20210323					
EPA 8270E	Benzo(a)pyrene	114	ug/kg	14.4	03/29/21 10:26	
EPA 8270E	Anthracene	278J	ug/kg	472	03/26/21 13:11	
EPA 8270E	Benzo(a)anthracene	556	ug/kg	472	03/26/21 13:11	
EPA 8270E	Benzo(b)fluoranthene	495	ug/kg	472	03/26/21 13:11	
EPA 8270E	Benzo(g,h,i)perylene	217J	ug/kg	472	03/26/21 13:11	
EPA 8270E	Benzo(k)fluoranthene	222J	ug/kg	472	03/26/21 13:11	
EPA 8270E	Chrysene	471J	ug/kg	472	03/26/21 13:11	
EPA 8270E	Fluoranthene	1060	ug/kg	472	03/26/21 13:11	
EPA 8270E	Indeno(1,2,3-cd)pyrene	199J	ug/kg	472	03/26/21 13:11	
EPA 8270E	Phenanthrene	837	ug/kg	472	03/26/21 13:11	
EPA 8270E	Pyrene	1030	ug/kg	472	03/26/21 13:11	
EPA 8260D	Toluene	11.0	ug/kg	8.8	03/25/21 19:39	
SW-846	Percent Moisture	31.2	%	0.10	03/25/21 13:57	N2
92529547006	DA4-SB-4A_SE_3-4_20210323					
EPA 8270E	Benzo(a)pyrene	5.2J	ug/kg	13.7	03/29/21 10:48	
EPA 8260D	Toluene	11.2	ug/kg	10	03/25/21 19:57	
SW-846	Percent Moisture	27.1	%	0.10	03/25/21 13:57	N2
92529547007	FD-1_SE_20210323					
EPA 8270E	Benzo(a)pyrene	214	ug/kg	15.3	03/29/21 11:10	
EPA 8270E	Benzo(a)anthracene	193J	ug/kg	498	03/26/21 14:06	
EPA 8270E	Benzo(b)fluoranthene	217J	ug/kg	498	03/26/21 14:06	
EPA 8270E	Fluoranthene	270J	ug/kg	498	03/26/21 14:06	
EPA 8270E	Pyrene	302J	ug/kg	498	03/26/21 14:06	
EPA 8260D	Toluene	14.1	ug/kg	9.7	03/25/21 20:15	
SW-846	Percent Moisture	34.3	%	0.10	03/25/21 13:57	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: March 31, 2021

General Information:

7 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: March 31, 2021

General Information:

7 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 609777

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3211637)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529547002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3211638)
- Benzo(a)pyrene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: March 31, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: March 31, 2021

General Information:

7 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609184

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3208552)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4A_SE_0-0.6_20210323 (Lab ID: 92529547005)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4A_SE_3-4_20210323 (Lab ID: 92529547006)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4B_SE_0-0.6_20210323 (Lab ID: 92529547003)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4B_SE_3-4_20210323 (Lab ID: 92529547004)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4_SE_0-0.6_20210323 (Lab ID: 92529547001)
 - Di-n-octylphthalate
 - Phenol
- DA4-SB-4_SE_3-4_20210323 (Lab ID: 92529547002)
 - Di-n-octylphthalate
 - Phenol
- DUP (Lab ID: 3208555)
 - Di-n-octylphthalate
 - Phenol
- FD-1_SE_20210323 (Lab ID: 92529547007)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: March 31, 2021

QC Batch: 609184

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Di-n-octylphthalate
- Phenol
- LCS (Lab ID: 3208553)
 - Di-n-octylphthalate
 - Phenol
- MS (Lab ID: 3208554)
 - Di-n-octylphthalate
 - Phenol

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3208552)
 - Hexachlorocyclopentadiene
- DA4-SB-4A_SE_0-0.6_20210323 (Lab ID: 92529547005)
 - Hexachlorocyclopentadiene
- DA4-SB-4A_SE_3-4_20210323 (Lab ID: 92529547006)
 - Hexachlorocyclopentadiene
- DA4-SB-4B_SE_0-0.6_20210323 (Lab ID: 92529547003)
 - Hexachlorocyclopentadiene
- DA4-SB-4B_SE_3-4_20210323 (Lab ID: 92529547004)
 - Hexachlorocyclopentadiene
- DA4-SB-4_SE_0-0.6_20210323 (Lab ID: 92529547001)
 - Hexachlorocyclopentadiene
- DA4-SB-4_SE_3-4_20210323 (Lab ID: 92529547002)
 - Hexachlorocyclopentadiene
- DUP (Lab ID: 3208555)
 - Hexachlorocyclopentadiene
- FD-1_SE_20210323 (Lab ID: 92529547007)
 - Hexachlorocyclopentadiene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- DA4-SB-4B_SE_0-0.6_20210323 (Lab ID: 92529547003)
 - Hexachlorocyclopentadiene
- LCS (Lab ID: 3208553)
 - Hexachlorocyclopentadiene
- MS (Lab ID: 3208554)
 - Hexachlorocyclopentadiene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: March 31, 2021

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 609184

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- DA4-SB-4_SE_0-0.6_20210323 (Lab ID: 92529547001)
 - Acenaphthylene
 - Fluorene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 31, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609283

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3209199)
 - Vinyl acetate
- LCS (Lab ID: 3209200)
 - Vinyl acetate
- TRIP BLANK (Lab ID: 92529547008)
 - Vinyl acetate

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609283

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529550002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3209201)
 - 2-Butanone (MEK)
 - Vinyl acetate

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: March 31, 2021

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: March 31, 2021

General Information:

7 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 609352

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 3209719)
- Toluene

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Sample: DA4-SB-4_SE_0-0.6_20210323 **Lab ID: 92529547001** Collected: 03/23/21 14:05 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	72.4	26.5	1	03/25/21 16:52	03/26/21 09:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	72.4	27.9	1	03/25/21 16:52	03/26/21 09:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	72.4	25.4	1	03/25/21 16:52	03/26/21 09:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	72.4	13.6	1	03/25/21 16:52	03/26/21 09:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	72.4	18.1	1	03/25/21 16:52	03/26/21 09:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	72.4	13.6	1	03/25/21 16:52	03/26/21 09:13	11097-69-1	
PCB-1260 (Aroclor 1260)	430	ug/kg	72.4	17.3	1	03/25/21 16:52	03/26/21 09:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	105	%	10-160		1	03/25/21 16:52	03/26/21 09:13	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3140	ug/kg	111	11.4	5	03/27/21 14:36	03/29/21 11:32	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	75	%	31-130		1	03/27/21 14:36	03/29/21 08:15	321-60-8	
Nitrobenzene-d5 (S)	99	%	32-130		1	03/27/21 14:36	03/29/21 08:15	4165-60-0	
Terphenyl-d14 (S)	67	%	24-130		1	03/27/21 14:36	03/29/21 08:15	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	1720	ug/kg	714	251	1	03/25/21 13:05	03/26/21 10:51	83-32-9	
Acenaphthylene	7650	ug/kg	714	251	1	03/25/21 13:05	03/26/21 10:51	208-96-8	E
Aniline	ND	ug/kg	714	279	1	03/25/21 13:05	03/26/21 10:51	62-53-3	
Anthracene	23500	ug/kg	14300	4680	20	03/25/21 13:05	03/29/21 10:35	120-12-7	
Benzo(a)anthracene	47800	ug/kg	14300	4760	20	03/25/21 13:05	03/29/21 10:35	56-55-3	
Benzo(b)fluoranthene	39800	ug/kg	14300	4760	20	03/25/21 13:05	03/29/21 10:35	205-99-2	
Benzo(g,h,i)perylene	18900	ug/kg	14300	5540	20	03/25/21 13:05	03/29/21 10:35	191-24-2	
Benzo(k)fluoranthene	17700	ug/kg	14300	5020	20	03/25/21 13:05	03/29/21 10:35	207-08-9	
Benzoic Acid	ND	ug/kg	3570	1530	1	03/25/21 13:05	03/26/21 10:51	65-85-0	
Benzyl alcohol	ND	ug/kg	1430	541	1	03/25/21 13:05	03/26/21 10:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	714	275	1	03/25/21 13:05	03/26/21 10:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	714	301	1	03/25/21 13:05	03/26/21 10:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1430	502	1	03/25/21 13:05	03/26/21 10:51	59-50-7	
4-Chloroaniline	ND	ug/kg	1430	561	1	03/25/21 13:05	03/26/21 10:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	714	297	1	03/25/21 13:05	03/26/21 10:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	714	268	1	03/25/21 13:05	03/26/21 10:51	111-44-4	
2-Chloronaphthalene	ND	ug/kg	714	284	1	03/25/21 13:05	03/26/21 10:51	91-58-7	
2-Chlorophenol	ND	ug/kg	714	268	1	03/25/21 13:05	03/26/21 10:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	714	266	1	03/25/21 13:05	03/26/21 10:51	7005-72-3	
Chrysene	40200	ug/kg	14300	5190	20	03/25/21 13:05	03/29/21 10:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	714	275	1	03/25/21 13:05	03/26/21 10:51	53-70-3	
Dibenzofuran	2170	ug/kg	714	258	1	03/25/21 13:05	03/26/21 10:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1430	483	1	03/25/21 13:05	03/26/21 10:51	91-94-1	IL

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_0-0.6_20210323 Lab ID: 92529547001 Collected: 03/23/21 14:05 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	714	279	1	03/25/21 13:05	03/26/21 10:51	120-83-2	
Diethylphthalate	ND	ug/kg	714	262	1	03/25/21 13:05	03/26/21 10:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	714	297	1	03/25/21 13:05	03/26/21 10:51	105-67-9	
Dimethylphthalate	ND	ug/kg	714	260	1	03/25/21 13:05	03/26/21 10:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	714	240	1	03/25/21 13:05	03/26/21 10:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1430	667	1	03/25/21 13:05	03/26/21 10:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3570	2210	1	03/25/21 13:05	03/26/21 10:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	714	275	1	03/25/21 13:05	03/26/21 10:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	714	262	1	03/25/21 13:05	03/26/21 10:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	714	281	1	03/25/21 13:05	03/26/21 10:51	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	714	277	1	03/25/21 13:05	03/26/21 10:51	117-81-7	
Fluoranthene	85600	ug/kg	14300	4890	20	03/25/21 13:05	03/29/21 10:35	206-44-0	
Fluorene	8110	ug/kg	714	251	1	03/25/21 13:05	03/26/21 10:51	86-73-7	E
Hexachlorobenzene	ND	ug/kg	714	279	1	03/25/21 13:05	03/26/21 10:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	714	409	1	03/25/21 13:05	03/26/21 10:51	77-47-4	v2
Hexachloroethane	ND	ug/kg	714	273	1	03/25/21 13:05	03/26/21 10:51	67-72-1	
Indeno(1,2,3-cd)pyrene	16900	ug/kg	14300	5630	20	03/25/21 13:05	03/29/21 10:35	193-39-5	
Isophorone	ND	ug/kg	714	318	1	03/25/21 13:05	03/26/21 10:51	78-59-1	
1-Methylnaphthalene	593J	ug/kg	714	251	1	03/25/21 13:05	03/26/21 10:51	90-12-0	
2-Methylnaphthalene	1250	ug/kg	714	286	1	03/25/21 13:05	03/26/21 10:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	714	292	1	03/25/21 13:05	03/26/21 10:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	486J	ug/kg	714	288	1	03/25/21 13:05	03/26/21 10:51	15831-10-4	
2-Nitroaniline	ND	ug/kg	3570	584	1	03/25/21 13:05	03/26/21 10:51	88-74-4	
3-Nitroaniline	ND	ug/kg	3570	561	1	03/25/21 13:05	03/26/21 10:51	99-09-2	
4-Nitroaniline	ND	ug/kg	1430	543	1	03/25/21 13:05	03/26/21 10:51	100-01-6	
Nitrobenzene	ND	ug/kg	714	331	1	03/25/21 13:05	03/26/21 10:51	98-95-3	
2-Nitrophenol	ND	ug/kg	714	310	1	03/25/21 13:05	03/26/21 10:51	88-75-5	
4-Nitrophenol	ND	ug/kg	3570	1380	1	03/25/21 13:05	03/26/21 10:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	714	240	1	03/25/21 13:05	03/26/21 10:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	714	268	1	03/25/21 13:05	03/26/21 10:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	714	253	1	03/25/21 13:05	03/26/21 10:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	714	340	1	03/25/21 13:05	03/26/21 10:51	108-60-1	
Pentachlorophenol	ND	ug/kg	1430	699	1	03/25/21 13:05	03/26/21 10:51	87-86-5	
Phenanthrene	53900	ug/kg	14300	4680	20	03/25/21 13:05	03/29/21 10:35	85-01-8	
Phenol	ND	ug/kg	714	318	1	03/25/21 13:05	03/26/21 10:51	108-95-2	v1
Pyrene	103000	ug/kg	14300	5800	20	03/25/21 13:05	03/29/21 10:35	129-00-0	
Pyridine	ND	ug/kg	714	225	1	03/25/21 13:05	03/26/21 10:51	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	714	327	1	03/25/21 13:05	03/26/21 10:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	714	294	1	03/25/21 13:05	03/26/21 10:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-130		1	03/25/21 13:05	03/26/21 10:51	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	03/25/21 13:05	03/26/21 10:51	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	03/25/21 13:05	03/26/21 10:51	1718-51-0	
Phenol-d6 (S)	67	%	18-130		1	03/25/21 13:05	03/26/21 10:51	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_0-0.6_20210323 **Lab ID:** 92529547001 Collected: 03/23/21 14:05 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	65	%	18-130		1	03/25/21 13:05	03/26/21 10:51	367-12-4	
2,4,6-Tribromophenol (S)	70	%	18-130		1	03/25/21 13:05	03/26/21 10:51	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	388J	ug/kg	473	152	1	03/25/21 12:16	03/25/21 18:26	67-64-1	
Benzene	ND	ug/kg	23.7	9.4	1	03/25/21 12:16	03/25/21 18:26	71-43-2	
Bromobenzene	ND	ug/kg	23.7	7.7	1	03/25/21 12:16	03/25/21 18:26	108-86-1	
Bromochloromethane	ND	ug/kg	23.7	7.0	1	03/25/21 12:16	03/25/21 18:26	74-97-5	
Bromodichloromethane	ND	ug/kg	23.7	9.1	1	03/25/21 12:16	03/25/21 18:26	75-27-4	
Bromoform	ND	ug/kg	23.7	8.3	1	03/25/21 12:16	03/25/21 18:26	75-25-2	
Bromomethane	ND	ug/kg	47.3	37.4	1	03/25/21 12:16	03/25/21 18:26	74-83-9	
2-Butanone (MEK)	183J	ug/kg	473	114	1	03/25/21 12:16	03/25/21 18:26	78-93-3	
n-Butylbenzene	ND	ug/kg	23.7	11.2	1	03/25/21 12:16	03/25/21 18:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	23.7	10.4	1	03/25/21 12:16	03/25/21 18:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	23.7	8.4	1	03/25/21 12:16	03/25/21 18:26	98-06-6	
Carbon tetrachloride	ND	ug/kg	23.7	8.9	1	03/25/21 12:16	03/25/21 18:26	56-23-5	
Chlorobenzene	ND	ug/kg	23.7	4.5	1	03/25/21 12:16	03/25/21 18:26	108-90-7	
Chloroethane	ND	ug/kg	47.3	18.3	1	03/25/21 12:16	03/25/21 18:26	75-00-3	
Chloroform	ND	ug/kg	23.7	14.4	1	03/25/21 12:16	03/25/21 18:26	67-66-3	
Chloromethane	ND	ug/kg	47.3	19.9	1	03/25/21 12:16	03/25/21 18:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	23.7	8.4	1	03/25/21 12:16	03/25/21 18:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	23.7	4.2	1	03/25/21 12:16	03/25/21 18:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	23.7	9.2	1	03/25/21 12:16	03/25/21 18:26	96-12-8	
Dibromochloromethane	ND	ug/kg	23.7	13.3	1	03/25/21 12:16	03/25/21 18:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	23.7	10.4	1	03/25/21 12:16	03/25/21 18:26	106-93-4	
Dibromomethane	ND	ug/kg	23.7	5.1	1	03/25/21 12:16	03/25/21 18:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	23.7	8.5	1	03/25/21 12:16	03/25/21 18:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	23.7	7.3	1	03/25/21 12:16	03/25/21 18:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	23.7	6.2	1	03/25/21 12:16	03/25/21 18:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	47.3	10.3	1	03/25/21 12:16	03/25/21 18:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	23.7	9.8	1	03/25/21 12:16	03/25/21 18:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	23.7	15.7	1	03/25/21 12:16	03/25/21 18:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	23.7	9.8	1	03/25/21 12:16	03/25/21 18:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	23.7	8.1	1	03/25/21 12:16	03/25/21 18:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	23.7	8.3	1	03/25/21 12:16	03/25/21 18:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	23.7	7.1	1	03/25/21 12:16	03/25/21 18:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	23.7	7.4	1	03/25/21 12:16	03/25/21 18:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	23.7	7.7	1	03/25/21 12:16	03/25/21 18:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	23.7	11.4	1	03/25/21 12:16	03/25/21 18:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	23.7	6.4	1	03/25/21 12:16	03/25/21 18:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	23.7	8.1	1	03/25/21 12:16	03/25/21 18:26	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: **DA4-SB-4_SE_0-0.6_20210323** Lab ID: **92529547001** Collected: 03/23/21 14:05 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	23.7	6.4	1	03/25/21 12:16	03/25/21 18:26	108-20-3	
Ethylbenzene	14.5J	ug/kg	23.7	11.0	1	03/25/21 12:16	03/25/21 18:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	47.3	38.7	1	03/25/21 12:16	03/25/21 18:26	87-68-3	
2-Hexanone	ND	ug/kg	237	22.8	1	03/25/21 12:16	03/25/21 18:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	23.7	8.0	1	03/25/21 12:16	03/25/21 18:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	23.7	11.6	1	03/25/21 12:16	03/25/21 18:26	99-87-6	
Methylene Chloride	ND	ug/kg	94.7	64.8	1	03/25/21 12:16	03/25/21 18:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	237	22.8	1	03/25/21 12:16	03/25/21 18:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	23.7	8.9	1	03/25/21 12:16	03/25/21 18:26	1634-04-4	
Naphthalene	237	ug/kg	23.7	12.4	1	03/25/21 12:16	03/25/21 18:26	91-20-3	
n-Propylbenzene	ND	ug/kg	23.7	8.4	1	03/25/21 12:16	03/25/21 18:26	103-65-1	
Styrene	ND	ug/kg	23.7	6.2	1	03/25/21 12:16	03/25/21 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	23.7	9.1	1	03/25/21 12:16	03/25/21 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	23.7	6.2	1	03/25/21 12:16	03/25/21 18:26	79-34-5	
Tetrachloroethene	ND	ug/kg	23.7	7.5	1	03/25/21 12:16	03/25/21 18:26	127-18-4	
Toluene	67.8	ug/kg	23.7	6.7	1	03/25/21 12:16	03/25/21 18:26	108-88-3	D6
1,2,3-Trichlorobenzene	ND	ug/kg	23.7	19.1	1	03/25/21 12:16	03/25/21 18:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	23.7	19.9	1	03/25/21 12:16	03/25/21 18:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	23.7	12.3	1	03/25/21 12:16	03/25/21 18:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	23.7	7.9	1	03/25/21 12:16	03/25/21 18:26	79-00-5	
Trichloroethene	ND	ug/kg	23.7	6.1	1	03/25/21 12:16	03/25/21 18:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	23.7	13.0	1	03/25/21 12:16	03/25/21 18:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	23.7	12.0	1	03/25/21 12:16	03/25/21 18:26	96-18-4	
1,2,4-Trimethylbenzene	18.6J	ug/kg	23.7	6.5	1	03/25/21 12:16	03/25/21 18:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	23.7	8.0	1	03/25/21 12:16	03/25/21 18:26	108-67-8	
Vinyl acetate	ND	ug/kg	237	17.2	1	03/25/21 12:16	03/25/21 18:26	108-05-4	
Vinyl chloride	ND	ug/kg	47.3	12.0	1	03/25/21 12:16	03/25/21 18:26	75-01-4	
Xylene (Total)	48.7	ug/kg	47.3	13.5	1	03/25/21 12:16	03/25/21 18:26	1330-20-7	
m&p-Xylene	33.2J	ug/kg	47.3	16.2	1	03/25/21 12:16	03/25/21 18:26	179601-23-1	
o-Xylene	15.5J	ug/kg	23.7	10.5	1	03/25/21 12:16	03/25/21 18:26	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/25/21 12:16	03/25/21 18:26	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		1	03/25/21 12:16	03/25/21 18:26	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1	03/25/21 12:16	03/25/21 18:26	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	54.1	%	0.10	0.10	1		03/25/21 13:57		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_3-4_20210323 Lab ID: 92529547002 Collected: 03/23/21 14:25 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	43.2	15.8	1	03/25/21 16:52	03/26/21 09:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.2	16.7	1	03/25/21 16:52	03/26/21 09:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.2	15.1	1	03/25/21 16:52	03/26/21 09:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.2	8.1	1	03/25/21 16:52	03/26/21 09:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.2	10.8	1	03/25/21 16:52	03/26/21 09:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.2	8.1	1	03/25/21 16:52	03/26/21 09:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.2	10.3	1	03/25/21 16:52	03/26/21 09:28	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	100	%	10-160		1	03/25/21 16:52	03/26/21 09:28	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	53.4	ug/kg	13.0	1.3	1	03/27/21 14:36	03/29/21 08:36	50-32-8	M1
Surrogates									
2-Fluorobiphenyl (S)	103	%	31-130		1	03/27/21 14:36	03/29/21 08:36	321-60-8	
Nitrobenzene-d5 (S)	104	%	32-130		1	03/27/21 14:36	03/29/21 08:36	4165-60-0	
Terphenyl-d14 (S)	116	%	24-130		1	03/27/21 14:36	03/29/21 08:36	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	419	147	1	03/25/21 13:05	03/26/21 11:19	83-32-9	
Acenaphthylene	ND	ug/kg	419	147	1	03/25/21 13:05	03/26/21 11:19	208-96-8	
Aniline	ND	ug/kg	419	164	1	03/25/21 13:05	03/26/21 11:19	62-53-3	
Anthracene	ND	ug/kg	419	137	1	03/25/21 13:05	03/26/21 11:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	419	140	1	03/25/21 13:05	03/26/21 11:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	419	140	1	03/25/21 13:05	03/26/21 11:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	419	162	1	03/25/21 13:05	03/26/21 11:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	419	147	1	03/25/21 13:05	03/26/21 11:19	207-08-9	
Benzoic Acid	ND	ug/kg	2090	900	1	03/25/21 13:05	03/26/21 11:19	65-85-0	
Benzyl alcohol	ND	ug/kg	838	317	1	03/25/21 13:05	03/26/21 11:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	419	161	1	03/25/21 13:05	03/26/21 11:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	419	176	1	03/25/21 13:05	03/26/21 11:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	838	295	1	03/25/21 13:05	03/26/21 11:19	59-50-7	
4-Chloroaniline	ND	ug/kg	838	329	1	03/25/21 13:05	03/26/21 11:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	419	174	1	03/25/21 13:05	03/26/21 11:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	419	157	1	03/25/21 13:05	03/26/21 11:19	111-44-4	
2-Chloronaphthalene	ND	ug/kg	419	166	1	03/25/21 13:05	03/26/21 11:19	91-58-7	
2-Chlorophenol	ND	ug/kg	419	157	1	03/25/21 13:05	03/26/21 11:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	419	156	1	03/25/21 13:05	03/26/21 11:19	7005-72-3	
Chrysene	ND	ug/kg	419	152	1	03/25/21 13:05	03/26/21 11:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	419	161	1	03/25/21 13:05	03/26/21 11:19	53-70-3	
Dibenzofuran	ND	ug/kg	419	151	1	03/25/21 13:05	03/26/21 11:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	838	283	1	03/25/21 13:05	03/26/21 11:19	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_3-4_20210323 Lab ID: 92529547002 Collected: 03/23/21 14:25 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	419	164	1	03/25/21 13:05	03/26/21 11:19	120-83-2	
Diethylphthalate	ND	ug/kg	419	154	1	03/25/21 13:05	03/26/21 11:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	419	174	1	03/25/21 13:05	03/26/21 11:19	105-67-9	
Dimethylphthalate	ND	ug/kg	419	152	1	03/25/21 13:05	03/26/21 11:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	419	141	1	03/25/21 13:05	03/26/21 11:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	838	391	1	03/25/21 13:05	03/26/21 11:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2090	1290	1	03/25/21 13:05	03/26/21 11:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	419	161	1	03/25/21 13:05	03/26/21 11:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	419	154	1	03/25/21 13:05	03/26/21 11:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	419	165	1	03/25/21 13:05	03/26/21 11:19	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	419	162	1	03/25/21 13:05	03/26/21 11:19	117-81-7	
Fluoranthene	237J	ug/kg	419	143	1	03/25/21 13:05	03/26/21 11:19	206-44-0	
Fluorene	ND	ug/kg	419	147	1	03/25/21 13:05	03/26/21 11:19	86-73-7	
Hexachlorobenzene	ND	ug/kg	419	164	1	03/25/21 13:05	03/26/21 11:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	419	240	1	03/25/21 13:05	03/26/21 11:19	77-47-4	v2
Hexachloroethane	ND	ug/kg	419	160	1	03/25/21 13:05	03/26/21 11:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	419	165	1	03/25/21 13:05	03/26/21 11:19	193-39-5	
Isophorone	ND	ug/kg	419	187	1	03/25/21 13:05	03/26/21 11:19	78-59-1	
1-Methylnaphthalene	ND	ug/kg	419	147	1	03/25/21 13:05	03/26/21 11:19	90-12-0	
2-Methylnaphthalene	ND	ug/kg	419	168	1	03/25/21 13:05	03/26/21 11:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	419	171	1	03/25/21 13:05	03/26/21 11:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	419	169	1	03/25/21 13:05	03/26/21 11:19	15831-10-4	
2-Nitroaniline	ND	ug/kg	2090	343	1	03/25/21 13:05	03/26/21 11:19	88-74-4	
3-Nitroaniline	ND	ug/kg	2090	329	1	03/25/21 13:05	03/26/21 11:19	99-09-2	
4-Nitroaniline	ND	ug/kg	838	319	1	03/25/21 13:05	03/26/21 11:19	100-01-6	
Nitrobenzene	ND	ug/kg	419	194	1	03/25/21 13:05	03/26/21 11:19	98-95-3	
2-Nitrophenol	ND	ug/kg	419	182	1	03/25/21 13:05	03/26/21 11:19	88-75-5	
4-Nitrophenol	ND	ug/kg	2090	810	1	03/25/21 13:05	03/26/21 11:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	419	141	1	03/25/21 13:05	03/26/21 11:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	419	157	1	03/25/21 13:05	03/26/21 11:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	419	149	1	03/25/21 13:05	03/26/21 11:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	419	199	1	03/25/21 13:05	03/26/21 11:19	108-60-1	
Pentachlorophenol	ND	ug/kg	838	410	1	03/25/21 13:05	03/26/21 11:19	87-86-5	
Phenanthrene	208J	ug/kg	419	137	1	03/25/21 13:05	03/26/21 11:19	85-01-8	
Phenol	ND	ug/kg	419	187	1	03/25/21 13:05	03/26/21 11:19	108-95-2	v1
Pyrene	228J	ug/kg	419	170	1	03/25/21 13:05	03/26/21 11:19	129-00-0	
Pyridine	ND	ug/kg	419	132	1	03/25/21 13:05	03/26/21 11:19	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	419	192	1	03/25/21 13:05	03/26/21 11:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	419	173	1	03/25/21 13:05	03/26/21 11:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/25/21 13:05	03/26/21 11:19	4165-60-0	
2-Fluorobiphenyl (S)	48	%	19-130		1	03/25/21 13:05	03/26/21 11:19	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	03/25/21 13:05	03/26/21 11:19	1718-51-0	
Phenol-d6 (S)	66	%	18-130		1	03/25/21 13:05	03/26/21 11:19	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_3-4_20210323 **Lab ID:** 92529547002 Collected: 03/23/21 14:25 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	63	%	18-130		1	03/25/21 13:05	03/26/21 11:19	367-12-4	
2,4,6-Tribromophenol (S)	71	%	18-130		1	03/25/21 13:05	03/26/21 11:19	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	142	45.7	1	03/25/21 12:16	03/25/21 18:44	67-64-1	
Benzene	ND	ug/kg	7.1	2.8	1	03/25/21 12:16	03/25/21 18:44	71-43-2	
Bromobenzene	ND	ug/kg	7.1	2.3	1	03/25/21 12:16	03/25/21 18:44	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	2.1	1	03/25/21 12:16	03/25/21 18:44	74-97-5	
Bromodichloromethane	ND	ug/kg	7.1	2.7	1	03/25/21 12:16	03/25/21 18:44	75-27-4	
Bromoform	ND	ug/kg	7.1	2.5	1	03/25/21 12:16	03/25/21 18:44	75-25-2	
Bromomethane	ND	ug/kg	14.2	11.2	1	03/25/21 12:16	03/25/21 18:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	142	34.2	1	03/25/21 12:16	03/25/21 18:44	78-93-3	
n-Butylbenzene	ND	ug/kg	7.1	3.4	1	03/25/21 12:16	03/25/21 18:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.1	3.1	1	03/25/21 12:16	03/25/21 18:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.1	2.5	1	03/25/21 12:16	03/25/21 18:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.1	2.7	1	03/25/21 12:16	03/25/21 18:44	56-23-5	
Chlorobenzene	ND	ug/kg	7.1	1.4	1	03/25/21 12:16	03/25/21 18:44	108-90-7	
Chloroethane	ND	ug/kg	14.2	5.5	1	03/25/21 12:16	03/25/21 18:44	75-00-3	
Chloroform	ND	ug/kg	7.1	4.3	1	03/25/21 12:16	03/25/21 18:44	67-66-3	
Chloromethane	ND	ug/kg	14.2	6.0	1	03/25/21 12:16	03/25/21 18:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.1	2.5	1	03/25/21 12:16	03/25/21 18:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.1	1.3	1	03/25/21 12:16	03/25/21 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	2.8	1	03/25/21 12:16	03/25/21 18:44	96-12-8	
Dibromochloromethane	ND	ug/kg	7.1	4.0	1	03/25/21 12:16	03/25/21 18:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	3.1	1	03/25/21 12:16	03/25/21 18:44	106-93-4	
Dibromomethane	ND	ug/kg	7.1	1.5	1	03/25/21 12:16	03/25/21 18:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.1	2.6	1	03/25/21 12:16	03/25/21 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.1	2.2	1	03/25/21 12:16	03/25/21 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.1	1.9	1	03/25/21 12:16	03/25/21 18:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.2	3.1	1	03/25/21 12:16	03/25/21 18:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.1	2.9	1	03/25/21 12:16	03/25/21 18:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.1	4.7	1	03/25/21 12:16	03/25/21 18:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.1	2.9	1	03/25/21 12:16	03/25/21 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.1	2.4	1	03/25/21 12:16	03/25/21 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.1	2.5	1	03/25/21 12:16	03/25/21 18:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.1	2.1	1	03/25/21 12:16	03/25/21 18:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.1	2.2	1	03/25/21 12:16	03/25/21 18:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	2.3	1	03/25/21 12:16	03/25/21 18:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.1	3.4	1	03/25/21 12:16	03/25/21 18:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.1	1.9	1	03/25/21 12:16	03/25/21 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.1	2.4	1	03/25/21 12:16	03/25/21 18:44	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4_SE_3-4_20210323 **Lab ID:** 92529547002 Collected: 03/23/21 14:25 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	7.1	1.9	1	03/25/21 12:16	03/25/21 18:44	108-20-3	
Ethylbenzene	4.7J	ug/kg	7.1	3.3	1	03/25/21 12:16	03/25/21 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.2	11.6	1	03/25/21 12:16	03/25/21 18:44	87-68-3	
2-Hexanone	ND	ug/kg	71.2	6.9	1	03/25/21 12:16	03/25/21 18:44	591-78-6	
Isopropylbenzene (Cumene)	4.4J	ug/kg	7.1	2.4	1	03/25/21 12:16	03/25/21 18:44	98-82-8	
p-Isopropyltoluene	4.1J	ug/kg	7.1	3.5	1	03/25/21 12:16	03/25/21 18:44	99-87-6	
Methylene Chloride	ND	ug/kg	28.5	19.5	1	03/25/21 12:16	03/25/21 18:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	71.2	6.9	1	03/25/21 12:16	03/25/21 18:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.1	2.7	1	03/25/21 12:16	03/25/21 18:44	1634-04-4	
Naphthalene	186	ug/kg	7.1	3.7	1	03/25/21 12:16	03/25/21 18:44	91-20-3	
n-Propylbenzene	ND	ug/kg	7.1	2.5	1	03/25/21 12:16	03/25/21 18:44	103-65-1	
Styrene	ND	ug/kg	7.1	1.9	1	03/25/21 12:16	03/25/21 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	2.7	1	03/25/21 12:16	03/25/21 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.1	1.9	1	03/25/21 12:16	03/25/21 18:44	79-34-5	
Tetrachloroethene	ND	ug/kg	7.1	2.2	1	03/25/21 12:16	03/25/21 18:44	127-18-4	
Toluene	8.6	ug/kg	7.1	2.0	1	03/25/21 12:16	03/25/21 18:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	5.8	1	03/25/21 12:16	03/25/21 18:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.1	6.0	1	03/25/21 12:16	03/25/21 18:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.1	3.7	1	03/25/21 12:16	03/25/21 18:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.1	2.4	1	03/25/21 12:16	03/25/21 18:44	79-00-5	
Trichloroethene	ND	ug/kg	7.1	1.8	1	03/25/21 12:16	03/25/21 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	3.9	1	03/25/21 12:16	03/25/21 18:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.1	3.6	1	03/25/21 12:16	03/25/21 18:44	96-18-4	
1,2,4-Trimethylbenzene	6.5J	ug/kg	7.1	2.0	1	03/25/21 12:16	03/25/21 18:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	2.4	1	03/25/21 12:16	03/25/21 18:44	108-67-8	
Vinyl acetate	ND	ug/kg	71.2	5.2	1	03/25/21 12:16	03/25/21 18:44	108-05-4	
Vinyl chloride	ND	ug/kg	14.2	3.6	1	03/25/21 12:16	03/25/21 18:44	75-01-4	
Xylene (Total)	13.3J	ug/kg	14.2	4.1	1	03/25/21 12:16	03/25/21 18:44	1330-20-7	
m&p-Xylene	9.6J	ug/kg	14.2	4.9	1	03/25/21 12:16	03/25/21 18:44	179601-23-1	
o-Xylene	3.7J	ug/kg	7.1	3.1	1	03/25/21 12:16	03/25/21 18:44	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/25/21 12:16	03/25/21 18:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/25/21 12:16	03/25/21 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1	03/25/21 12:16	03/25/21 18:44	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	22.5	%	0.10	0.10	1		03/25/21 13:57		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_0-0.6_20210323 **Lab ID:** 92529547003 Collected: 03/23/21 14:40 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.7	18.9	1	03/25/21 16:52	03/26/21 09:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.7	19.9	1	03/25/21 16:52	03/26/21 09:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.7	18.1	1	03/25/21 16:52	03/26/21 09:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.7	9.7	1	03/25/21 16:52	03/26/21 09:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.7	12.9	1	03/25/21 16:52	03/26/21 09:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.7	9.7	1	03/25/21 16:52	03/26/21 09:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.7	12.4	1	03/25/21 16:52	03/26/21 09:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	100	%	10-160		1	03/25/21 16:52	03/26/21 09:42	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	22.6	ug/kg	15.6	1.6	1	03/27/21 14:36	03/29/21 09:20	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	85	%	31-130		1	03/27/21 14:36	03/29/21 09:20	321-60-8	
Nitrobenzene-d5 (S)	102	%	32-130		1	03/27/21 14:36	03/29/21 09:20	4165-60-0	
Terphenyl-d14 (S)	119	%	24-130		1	03/27/21 14:36	03/29/21 09:20	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	521	183	1	03/25/21 13:05	03/26/21 11:47	83-32-9	
Acenaphthylene	ND	ug/kg	521	183	1	03/25/21 13:05	03/26/21 11:47	208-96-8	
Aniline	ND	ug/kg	521	204	1	03/25/21 13:05	03/26/21 11:47	62-53-3	
Anthracene	ND	ug/kg	521	170	1	03/25/21 13:05	03/26/21 11:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	521	174	1	03/25/21 13:05	03/26/21 11:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	521	174	1	03/25/21 13:05	03/26/21 11:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	521	202	1	03/25/21 13:05	03/26/21 11:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	521	183	1	03/25/21 13:05	03/26/21 11:47	207-08-9	
Benzoic Acid	ND	ug/kg	2600	1120	1	03/25/21 13:05	03/26/21 11:47	65-85-0	
Benzyl alcohol	ND	ug/kg	1040	394	1	03/25/21 13:05	03/26/21 11:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	521	200	1	03/25/21 13:05	03/26/21 11:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	521	219	1	03/25/21 13:05	03/26/21 11:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1040	366	1	03/25/21 13:05	03/26/21 11:47	59-50-7	
4-Chloroaniline	ND	ug/kg	1040	409	1	03/25/21 13:05	03/26/21 11:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	521	216	1	03/25/21 13:05	03/26/21 11:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	521	196	1	03/25/21 13:05	03/26/21 11:47	111-44-4	
2-Chloronaphthalene	ND	ug/kg	521	207	1	03/25/21 13:05	03/26/21 11:47	91-58-7	
2-Chlorophenol	ND	ug/kg	521	196	1	03/25/21 13:05	03/26/21 11:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	521	194	1	03/25/21 13:05	03/26/21 11:47	7005-72-3	
Chrysene	ND	ug/kg	521	189	1	03/25/21 13:05	03/26/21 11:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	521	200	1	03/25/21 13:05	03/26/21 11:47	53-70-3	
Dibenzofuran	ND	ug/kg	521	188	1	03/25/21 13:05	03/26/21 11:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1040	352	1	03/25/21 13:05	03/26/21 11:47	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_0-0.6_20210323 Lab ID: 92529547003 Collected: 03/23/21 14:40 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	521	204	1	03/25/21 13:05	03/26/21 11:47	120-83-2	
Diethylphthalate	ND	ug/kg	521	191	1	03/25/21 13:05	03/26/21 11:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	521	216	1	03/25/21 13:05	03/26/21 11:47	105-67-9	
Dimethylphthalate	ND	ug/kg	521	189	1	03/25/21 13:05	03/26/21 11:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	521	175	1	03/25/21 13:05	03/26/21 11:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1040	486	1	03/25/21 13:05	03/26/21 11:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2600	1610	1	03/25/21 13:05	03/26/21 11:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	521	200	1	03/25/21 13:05	03/26/21 11:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	521	191	1	03/25/21 13:05	03/26/21 11:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	521	205	1	03/25/21 13:05	03/26/21 11:47	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	521	202	1	03/25/21 13:05	03/26/21 11:47	117-81-7	
Fluoranthene	ND	ug/kg	521	178	1	03/25/21 13:05	03/26/21 11:47	206-44-0	
Fluorene	ND	ug/kg	521	183	1	03/25/21 13:05	03/26/21 11:47	86-73-7	
Hexachlorobenzene	ND	ug/kg	521	204	1	03/25/21 13:05	03/26/21 11:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	521	298	1	03/25/21 13:05	03/26/21 11:47	77-47-4	v2,v3
Hexachloroethane	ND	ug/kg	521	199	1	03/25/21 13:05	03/26/21 11:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	521	205	1	03/25/21 13:05	03/26/21 11:47	193-39-5	
Isophorone	ND	ug/kg	521	232	1	03/25/21 13:05	03/26/21 11:47	78-59-1	
1-Methylnaphthalene	ND	ug/kg	521	183	1	03/25/21 13:05	03/26/21 11:47	90-12-0	
2-Methylnaphthalene	ND	ug/kg	521	208	1	03/25/21 13:05	03/26/21 11:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	521	213	1	03/25/21 13:05	03/26/21 11:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	521	210	1	03/25/21 13:05	03/26/21 11:47	15831-10-4	
2-Nitroaniline	ND	ug/kg	2600	426	1	03/25/21 13:05	03/26/21 11:47	88-74-4	
3-Nitroaniline	ND	ug/kg	2600	409	1	03/25/21 13:05	03/26/21 11:47	99-09-2	
4-Nitroaniline	ND	ug/kg	1040	396	1	03/25/21 13:05	03/26/21 11:47	100-01-6	
Nitrobenzene	ND	ug/kg	521	241	1	03/25/21 13:05	03/26/21 11:47	98-95-3	
2-Nitrophenol	ND	ug/kg	521	226	1	03/25/21 13:05	03/26/21 11:47	88-75-5	
4-Nitrophenol	ND	ug/kg	2600	1010	1	03/25/21 13:05	03/26/21 11:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	521	175	1	03/25/21 13:05	03/26/21 11:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	521	196	1	03/25/21 13:05	03/26/21 11:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	521	185	1	03/25/21 13:05	03/26/21 11:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	521	248	1	03/25/21 13:05	03/26/21 11:47	108-60-1	
Pentachlorophenol	ND	ug/kg	1040	510	1	03/25/21 13:05	03/26/21 11:47	87-86-5	
Phenanthrene	ND	ug/kg	521	170	1	03/25/21 13:05	03/26/21 11:47	85-01-8	
Phenol	ND	ug/kg	521	232	1	03/25/21 13:05	03/26/21 11:47	108-95-2	v1
Pyrene	ND	ug/kg	521	211	1	03/25/21 13:05	03/26/21 11:47	129-00-0	
Pyridine	ND	ug/kg	521	164	1	03/25/21 13:05	03/26/21 11:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	521	238	1	03/25/21 13:05	03/26/21 11:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	521	215	1	03/25/21 13:05	03/26/21 11:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	03/25/21 13:05	03/26/21 11:47	4165-60-0	
2-Fluorobiphenyl (S)	50	%	19-130		1	03/25/21 13:05	03/26/21 11:47	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	03/25/21 13:05	03/26/21 11:47	1718-51-0	
Phenol-d6 (S)	46	%	18-130		1	03/25/21 13:05	03/26/21 11:47	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_0-0.6_20210323 **Lab ID:** 92529547003 Collected: 03/23/21 14:40 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	47	%	18-130		1	03/25/21 13:05	03/26/21 11:47	367-12-4	
2,4,6-Tribromophenol (S)	52	%	18-130		1	03/25/21 13:05	03/26/21 11:47	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	187	59.9	1	03/25/21 12:16	03/25/21 19:03	67-64-1	
Benzene	ND	ug/kg	9.3	3.7	1	03/25/21 12:16	03/25/21 19:03	71-43-2	
Bromobenzene	ND	ug/kg	9.3	3.0	1	03/25/21 12:16	03/25/21 19:03	108-86-1	
Bromochloromethane	ND	ug/kg	9.3	2.8	1	03/25/21 12:16	03/25/21 19:03	74-97-5	
Bromodichloromethane	ND	ug/kg	9.3	3.6	1	03/25/21 12:16	03/25/21 19:03	75-27-4	
Bromoform	ND	ug/kg	9.3	3.3	1	03/25/21 12:16	03/25/21 19:03	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.7	1	03/25/21 12:16	03/25/21 19:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	44.8	1	03/25/21 12:16	03/25/21 19:03	78-93-3	
n-Butylbenzene	ND	ug/kg	9.3	4.4	1	03/25/21 12:16	03/25/21 19:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.3	4.1	1	03/25/21 12:16	03/25/21 19:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.3	3.3	1	03/25/21 12:16	03/25/21 19:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.3	3.5	1	03/25/21 12:16	03/25/21 19:03	56-23-5	
Chlorobenzene	ND	ug/kg	9.3	1.8	1	03/25/21 12:16	03/25/21 19:03	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	03/25/21 12:16	03/25/21 19:03	75-00-3	
Chloroform	ND	ug/kg	9.3	5.7	1	03/25/21 12:16	03/25/21 19:03	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.8	1	03/25/21 12:16	03/25/21 19:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.3	3.3	1	03/25/21 12:16	03/25/21 19:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.3	1.7	1	03/25/21 12:16	03/25/21 19:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	3.6	1	03/25/21 12:16	03/25/21 19:03	96-12-8	
Dibromochloromethane	ND	ug/kg	9.3	5.2	1	03/25/21 12:16	03/25/21 19:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.3	4.1	1	03/25/21 12:16	03/25/21 19:03	106-93-4	
Dibromomethane	ND	ug/kg	9.3	2.0	1	03/25/21 12:16	03/25/21 19:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.3	3.4	1	03/25/21 12:16	03/25/21 19:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.3	2.9	1	03/25/21 12:16	03/25/21 19:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.3	2.4	1	03/25/21 12:16	03/25/21 19:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	03/25/21 12:16	03/25/21 19:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.3	3.8	1	03/25/21 12:16	03/25/21 19:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.3	6.2	1	03/25/21 12:16	03/25/21 19:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.3	3.8	1	03/25/21 12:16	03/25/21 19:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.3	3.2	1	03/25/21 12:16	03/25/21 19:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.3	3.3	1	03/25/21 12:16	03/25/21 19:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.3	2.8	1	03/25/21 12:16	03/25/21 19:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.3	2.9	1	03/25/21 12:16	03/25/21 19:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.3	3.0	1	03/25/21 12:16	03/25/21 19:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.3	4.5	1	03/25/21 12:16	03/25/21 19:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.3	2.5	1	03/25/21 12:16	03/25/21 19:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.3	3.2	1	03/25/21 12:16	03/25/21 19:03	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_0-0.6_20210323 Lab ID: 92529547003 Collected: 03/23/21 14:40 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.3	2.5	1	03/25/21 12:16	03/25/21 19:03	108-20-3	
Ethylbenzene	ND	ug/kg	9.3	4.4	1	03/25/21 12:16	03/25/21 19:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	03/25/21 12:16	03/25/21 19:03	87-68-3	
2-Hexanone	ND	ug/kg	93.3	9.0	1	03/25/21 12:16	03/25/21 19:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.3	3.2	1	03/25/21 12:16	03/25/21 19:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.3	4.6	1	03/25/21 12:16	03/25/21 19:03	99-87-6	
Methylene Chloride	ND	ug/kg	37.3	25.6	1	03/25/21 12:16	03/25/21 19:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.3	9.0	1	03/25/21 12:16	03/25/21 19:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.3	3.5	1	03/25/21 12:16	03/25/21 19:03	1634-04-4	
Naphthalene	ND	ug/kg	9.3	4.9	1	03/25/21 12:16	03/25/21 19:03	91-20-3	
n-Propylbenzene	ND	ug/kg	9.3	3.3	1	03/25/21 12:16	03/25/21 19:03	103-65-1	
Styrene	ND	ug/kg	9.3	2.5	1	03/25/21 12:16	03/25/21 19:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.3	3.6	1	03/25/21 12:16	03/25/21 19:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.3	2.5	1	03/25/21 12:16	03/25/21 19:03	79-34-5	
Tetrachloroethene	ND	ug/kg	9.3	2.9	1	03/25/21 12:16	03/25/21 19:03	127-18-4	
Toluene	15.4	ug/kg	9.3	2.7	1	03/25/21 12:16	03/25/21 19:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.3	7.5	1	03/25/21 12:16	03/25/21 19:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.3	7.8	1	03/25/21 12:16	03/25/21 19:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.3	4.9	1	03/25/21 12:16	03/25/21 19:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.3	3.1	1	03/25/21 12:16	03/25/21 19:03	79-00-5	
Trichloroethene	ND	ug/kg	9.3	2.4	1	03/25/21 12:16	03/25/21 19:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.3	5.1	1	03/25/21 12:16	03/25/21 19:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.3	4.7	1	03/25/21 12:16	03/25/21 19:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.3	2.6	1	03/25/21 12:16	03/25/21 19:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.3	3.1	1	03/25/21 12:16	03/25/21 19:03	108-67-8	
Vinyl acetate	ND	ug/kg	93.3	6.8	1	03/25/21 12:16	03/25/21 19:03	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.7	1	03/25/21 12:16	03/25/21 19:03	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	03/25/21 12:16	03/25/21 19:03	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	03/25/21 12:16	03/25/21 19:03	179601-23-1	
o-Xylene	ND	ug/kg	9.3	4.1	1	03/25/21 12:16	03/25/21 19:03	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/25/21 12:16	03/25/21 19:03	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	03/25/21 12:16	03/25/21 19:03	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/25/21 12:16	03/25/21 19:03	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	35.8	%	0.10	0.10	1		03/25/21 13:57		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_3-4_20210323 **Lab ID:** 92529547004 Collected: 03/23/21 15:15 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	43.3	15.8	1	03/25/21 16:52	03/26/21 09:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.3	16.7	1	03/25/21 16:52	03/26/21 09:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.3	15.2	1	03/25/21 16:52	03/26/21 09:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.3	8.2	1	03/25/21 16:52	03/26/21 09:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.3	10.8	1	03/25/21 16:52	03/26/21 09:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.3	8.1	1	03/25/21 16:52	03/26/21 09:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.3	10.3	1	03/25/21 16:52	03/26/21 09:56	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-160		1	03/25/21 16:52	03/26/21 09:56	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3.6J	ug/kg	13.2	1.4	1	03/27/21 14:36	03/29/21 09:42	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	89	%	31-130		1	03/27/21 14:36	03/29/21 09:42	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	03/27/21 14:36	03/29/21 09:42	4165-60-0	
Terphenyl-d14 (S)	122	%	24-130		1	03/27/21 14:36	03/29/21 09:42	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	440	155	1	03/25/21 13:05	03/26/21 12:43	83-32-9	
Acenaphthylene	ND	ug/kg	440	155	1	03/25/21 13:05	03/26/21 12:43	208-96-8	
Aniline	ND	ug/kg	440	172	1	03/25/21 13:05	03/26/21 12:43	62-53-3	
Anthracene	ND	ug/kg	440	144	1	03/25/21 13:05	03/26/21 12:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	440	147	1	03/25/21 13:05	03/26/21 12:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	440	147	1	03/25/21 13:05	03/26/21 12:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	440	171	1	03/25/21 13:05	03/26/21 12:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	440	155	1	03/25/21 13:05	03/26/21 12:43	207-08-9	
Benzoic Acid	ND	ug/kg	2200	946	1	03/25/21 13:05	03/26/21 12:43	65-85-0	
Benzyl alcohol	ND	ug/kg	880	333	1	03/25/21 13:05	03/26/21 12:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	440	169	1	03/25/21 13:05	03/26/21 12:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	440	185	1	03/25/21 13:05	03/26/21 12:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	880	309	1	03/25/21 13:05	03/26/21 12:43	59-50-7	
4-Chloroaniline	ND	ug/kg	880	345	1	03/25/21 13:05	03/26/21 12:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	440	183	1	03/25/21 13:05	03/26/21 12:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	440	165	1	03/25/21 13:05	03/26/21 12:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	440	175	1	03/25/21 13:05	03/26/21 12:43	91-58-7	
2-Chlorophenol	ND	ug/kg	440	165	1	03/25/21 13:05	03/26/21 12:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	440	164	1	03/25/21 13:05	03/26/21 12:43	7005-72-3	
Chrysene	ND	ug/kg	440	160	1	03/25/21 13:05	03/26/21 12:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	440	169	1	03/25/21 13:05	03/26/21 12:43	53-70-3	
Dibenzofuran	ND	ug/kg	440	159	1	03/25/21 13:05	03/26/21 12:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	880	297	1	03/25/21 13:05	03/26/21 12:43	91-94-1	IL

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_3-4_20210323 **Lab ID:** 92529547004 Collected: 03/23/21 15:15 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	440	172	1	03/25/21 13:05	03/26/21 12:43	120-83-2	
Diethylphthalate	ND	ug/kg	440	161	1	03/25/21 13:05	03/26/21 12:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	440	183	1	03/25/21 13:05	03/26/21 12:43	105-67-9	
Dimethylphthalate	ND	ug/kg	440	160	1	03/25/21 13:05	03/26/21 12:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	440	148	1	03/25/21 13:05	03/26/21 12:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	880	411	1	03/25/21 13:05	03/26/21 12:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2200	1360	1	03/25/21 13:05	03/26/21 12:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	440	169	1	03/25/21 13:05	03/26/21 12:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	440	161	1	03/25/21 13:05	03/26/21 12:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	440	173	1	03/25/21 13:05	03/26/21 12:43	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	440	171	1	03/25/21 13:05	03/26/21 12:43	117-81-7	
Fluoranthene	ND	ug/kg	440	151	1	03/25/21 13:05	03/26/21 12:43	206-44-0	
Fluorene	ND	ug/kg	440	155	1	03/25/21 13:05	03/26/21 12:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	440	172	1	03/25/21 13:05	03/26/21 12:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	440	252	1	03/25/21 13:05	03/26/21 12:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	440	168	1	03/25/21 13:05	03/26/21 12:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	440	173	1	03/25/21 13:05	03/26/21 12:43	193-39-5	
Isophorone	ND	ug/kg	440	196	1	03/25/21 13:05	03/26/21 12:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	440	155	1	03/25/21 13:05	03/26/21 12:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	440	176	1	03/25/21 13:05	03/26/21 12:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	440	180	1	03/25/21 13:05	03/26/21 12:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	440	177	1	03/25/21 13:05	03/26/21 12:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2200	360	1	03/25/21 13:05	03/26/21 12:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2200	345	1	03/25/21 13:05	03/26/21 12:43	99-09-2	
4-Nitroaniline	ND	ug/kg	880	335	1	03/25/21 13:05	03/26/21 12:43	100-01-6	
Nitrobenzene	ND	ug/kg	440	204	1	03/25/21 13:05	03/26/21 12:43	98-95-3	
2-Nitrophenol	ND	ug/kg	440	191	1	03/25/21 13:05	03/26/21 12:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2200	851	1	03/25/21 13:05	03/26/21 12:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	440	148	1	03/25/21 13:05	03/26/21 12:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	440	165	1	03/25/21 13:05	03/26/21 12:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	440	156	1	03/25/21 13:05	03/26/21 12:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	440	209	1	03/25/21 13:05	03/26/21 12:43	108-60-1	
Pentachlorophenol	ND	ug/kg	880	431	1	03/25/21 13:05	03/26/21 12:43	87-86-5	
Phenanthrene	ND	ug/kg	440	144	1	03/25/21 13:05	03/26/21 12:43	85-01-8	
Phenol	ND	ug/kg	440	196	1	03/25/21 13:05	03/26/21 12:43	108-95-2	v1
Pyrene	ND	ug/kg	440	179	1	03/25/21 13:05	03/26/21 12:43	129-00-0	
Pyridine	ND	ug/kg	440	139	1	03/25/21 13:05	03/26/21 12:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	440	201	1	03/25/21 13:05	03/26/21 12:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	440	181	1	03/25/21 13:05	03/26/21 12:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	21-130		1	03/25/21 13:05	03/26/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	73	%	19-130		1	03/25/21 13:05	03/26/21 12:43	321-60-8	
Terphenyl-d14 (S)	114	%	15-130		1	03/25/21 13:05	03/26/21 12:43	1718-51-0	
Phenol-d6 (S)	74	%	18-130		1	03/25/21 13:05	03/26/21 12:43	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4B_SE_3-4_20210323 **Lab ID:** 92529547004 Collected: 03/23/21 15:15 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	75	%	18-130		1	03/25/21 13:05	03/26/21 12:43	367-12-4	
2,4,6-Tribromophenol (S)	77	%	18-130		1	03/25/21 13:05	03/26/21 12:43	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	137	44.0	1	03/25/21 12:16	03/25/21 19:21	67-64-1	
Benzene	ND	ug/kg	6.8	2.7	1	03/25/21 12:16	03/25/21 19:21	71-43-2	
Bromobenzene	ND	ug/kg	6.8	2.2	1	03/25/21 12:16	03/25/21 19:21	108-86-1	
Bromochloromethane	ND	ug/kg	6.8	2.0	1	03/25/21 12:16	03/25/21 19:21	74-97-5	
Bromodichloromethane	ND	ug/kg	6.8	2.6	1	03/25/21 12:16	03/25/21 19:21	75-27-4	
Bromoform	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	75-25-2	
Bromomethane	ND	ug/kg	13.7	10.8	1	03/25/21 12:16	03/25/21 19:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	137	32.9	1	03/25/21 12:16	03/25/21 19:21	78-93-3	
n-Butylbenzene	ND	ug/kg	6.8	3.2	1	03/25/21 12:16	03/25/21 19:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.8	3.0	1	03/25/21 12:16	03/25/21 19:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.8	2.6	1	03/25/21 12:16	03/25/21 19:21	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1.3	1	03/25/21 12:16	03/25/21 19:21	108-90-7	
Chloroethane	ND	ug/kg	13.7	5.3	1	03/25/21 12:16	03/25/21 19:21	75-00-3	
Chloroform	ND	ug/kg	6.8	4.2	1	03/25/21 12:16	03/25/21 19:21	67-66-3	
Chloromethane	ND	ug/kg	13.7	5.8	1	03/25/21 12:16	03/25/21 19:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.8	1.2	1	03/25/21 12:16	03/25/21 19:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	2.7	1	03/25/21 12:16	03/25/21 19:21	96-12-8	
Dibromochloromethane	ND	ug/kg	6.8	3.8	1	03/25/21 12:16	03/25/21 19:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.8	3.0	1	03/25/21 12:16	03/25/21 19:21	106-93-4	
Dibromomethane	ND	ug/kg	6.8	1.5	1	03/25/21 12:16	03/25/21 19:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.8	2.5	1	03/25/21 12:16	03/25/21 19:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	2.1	1	03/25/21 12:16	03/25/21 19:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1.8	1	03/25/21 12:16	03/25/21 19:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.7	3.0	1	03/25/21 12:16	03/25/21 19:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.8	2.8	1	03/25/21 12:16	03/25/21 19:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	4.5	1	03/25/21 12:16	03/25/21 19:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.8	2.8	1	03/25/21 12:16	03/25/21 19:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	2.3	1	03/25/21 12:16	03/25/21 19:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	2.1	1	03/25/21 12:16	03/25/21 19:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.8	2.1	1	03/25/21 12:16	03/25/21 19:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	2.2	1	03/25/21 12:16	03/25/21 19:21	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.8	3.3	1	03/25/21 12:16	03/25/21 19:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1.9	1	03/25/21 12:16	03/25/21 19:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: **DA4-SB-4B_SE_3-4_20210323** Lab ID: **92529547004** Collected: 03/23/21 15:15 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	6.8	1.8	1	03/25/21 12:16	03/25/21 19:21	108-20-3	
Ethylbenzene	ND	ug/kg	6.8	3.2	1	03/25/21 12:16	03/25/21 19:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.7	11.2	1	03/25/21 12:16	03/25/21 19:21	87-68-3	
2-Hexanone	ND	ug/kg	68.5	6.6	1	03/25/21 12:16	03/25/21 19:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	2.3	1	03/25/21 12:16	03/25/21 19:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.8	3.4	1	03/25/21 12:16	03/25/21 19:21	99-87-6	
Methylene Chloride	ND	ug/kg	27.4	18.8	1	03/25/21 12:16	03/25/21 19:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	68.5	6.6	1	03/25/21 12:16	03/25/21 19:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.8	2.6	1	03/25/21 12:16	03/25/21 19:21	1634-04-4	
Naphthalene	ND	ug/kg	6.8	3.6	1	03/25/21 12:16	03/25/21 19:21	91-20-3	
n-Propylbenzene	ND	ug/kg	6.8	2.4	1	03/25/21 12:16	03/25/21 19:21	103-65-1	
Styrene	ND	ug/kg	6.8	1.8	1	03/25/21 12:16	03/25/21 19:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.8	2.6	1	03/25/21 12:16	03/25/21 19:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1.8	1	03/25/21 12:16	03/25/21 19:21	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	2.2	1	03/25/21 12:16	03/25/21 19:21	127-18-4	
Toluene	10.7	ug/kg	6.8	1.9	1	03/25/21 12:16	03/25/21 19:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.8	5.5	1	03/25/21 12:16	03/25/21 19:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.8	5.8	1	03/25/21 12:16	03/25/21 19:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.8	3.6	1	03/25/21 12:16	03/25/21 19:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	2.3	1	03/25/21 12:16	03/25/21 19:21	79-00-5	
Trichloroethene	ND	ug/kg	6.8	1.8	1	03/25/21 12:16	03/25/21 19:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	3.8	1	03/25/21 12:16	03/25/21 19:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.8	3.5	1	03/25/21 12:16	03/25/21 19:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.8	1.9	1	03/25/21 12:16	03/25/21 19:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	2.3	1	03/25/21 12:16	03/25/21 19:21	108-67-8	
Vinyl acetate	ND	ug/kg	68.5	5.0	1	03/25/21 12:16	03/25/21 19:21	108-05-4	
Vinyl chloride	ND	ug/kg	13.7	3.5	1	03/25/21 12:16	03/25/21 19:21	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	3.9	1	03/25/21 12:16	03/25/21 19:21	1330-20-7	
m&p-Xylene	ND	ug/kg	13.7	4.7	1	03/25/21 12:16	03/25/21 19:21	179601-23-1	
o-Xylene	ND	ug/kg	6.8	3.0	1	03/25/21 12:16	03/25/21 19:21	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/25/21 12:16	03/25/21 19:21	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/25/21 12:16	03/25/21 19:21	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1	03/25/21 12:16	03/25/21 19:21	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.8	%	0.10	0.10	1		03/25/21 13:57		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_0-0.6_20210323 Lab ID: 92529547005 Collected: 03/23/21 14:35 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.3	17.7	1	03/25/21 16:52	03/26/21 10:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.3	18.6	1	03/25/21 16:52	03/26/21 10:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.3	16.9	1	03/25/21 16:52	03/26/21 10:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.3	9.1	1	03/25/21 16:52	03/26/21 10:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.3	12.1	1	03/25/21 16:52	03/26/21 10:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.3	9.1	1	03/25/21 16:52	03/26/21 10:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.3	11.6	1	03/25/21 16:52	03/26/21 10:10	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	83	%	10-160		1	03/25/21 16:52	03/26/21 10:10	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	114	ug/kg	14.4	1.5	1	03/27/21 14:36	03/29/21 10:26	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	83	%	31-130		1	03/27/21 14:36	03/29/21 10:26	321-60-8	
Nitrobenzene-d5 (S)	96	%	32-130		1	03/27/21 14:36	03/29/21 10:26	4165-60-0	
Terphenyl-d14 (S)	118	%	24-130		1	03/27/21 14:36	03/29/21 10:26	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	472	166	1	03/25/21 13:05	03/26/21 13:11	83-32-9	
Acenaphthylene	ND	ug/kg	472	166	1	03/25/21 13:05	03/26/21 13:11	208-96-8	
Aniline	ND	ug/kg	472	185	1	03/25/21 13:05	03/26/21 13:11	62-53-3	
Anthracene	278J	ug/kg	472	154	1	03/25/21 13:05	03/26/21 13:11	120-12-7	
Benzo(a)anthracene	556	ug/kg	472	157	1	03/25/21 13:05	03/26/21 13:11	56-55-3	
Benzo(b)fluoranthene	495	ug/kg	472	157	1	03/25/21 13:05	03/26/21 13:11	205-99-2	
Benzo(g,h,i)perylene	217J	ug/kg	472	183	1	03/25/21 13:05	03/26/21 13:11	191-24-2	
Benzo(k)fluoranthene	222J	ug/kg	472	166	1	03/25/21 13:05	03/26/21 13:11	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	03/25/21 13:05	03/26/21 13:11	65-85-0	
Benzyl alcohol	ND	ug/kg	944	358	1	03/25/21 13:05	03/26/21 13:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	472	182	1	03/25/21 13:05	03/26/21 13:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	472	199	1	03/25/21 13:05	03/26/21 13:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	944	332	1	03/25/21 13:05	03/26/21 13:11	59-50-7	
4-Chloroaniline	ND	ug/kg	944	370	1	03/25/21 13:05	03/26/21 13:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	472	196	1	03/25/21 13:05	03/26/21 13:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	472	177	1	03/25/21 13:05	03/26/21 13:11	111-44-4	
2-Chloronaphthalene	ND	ug/kg	472	187	1	03/25/21 13:05	03/26/21 13:11	91-58-7	
2-Chlorophenol	ND	ug/kg	472	177	1	03/25/21 13:05	03/26/21 13:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	472	176	1	03/25/21 13:05	03/26/21 13:11	7005-72-3	
Chrysene	471J	ug/kg	472	172	1	03/25/21 13:05	03/26/21 13:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	472	182	1	03/25/21 13:05	03/26/21 13:11	53-70-3	
Dibenzofuran	ND	ug/kg	472	170	1	03/25/21 13:05	03/26/21 13:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	944	319	1	03/25/21 13:05	03/26/21 13:11	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: **DA4-SB-4A_SE_0-0.6_20210323** Lab ID: **92529547005** Collected: 03/23/21 14:35 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	472	185	1	03/25/21 13:05	03/26/21 13:11	120-83-2	
Diethylphthalate	ND	ug/kg	472	173	1	03/25/21 13:05	03/26/21 13:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	472	196	1	03/25/21 13:05	03/26/21 13:11	105-67-9	
Dimethylphthalate	ND	ug/kg	472	172	1	03/25/21 13:05	03/26/21 13:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	472	159	1	03/25/21 13:05	03/26/21 13:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	944	441	1	03/25/21 13:05	03/26/21 13:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	03/25/21 13:05	03/26/21 13:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	472	182	1	03/25/21 13:05	03/26/21 13:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	472	173	1	03/25/21 13:05	03/26/21 13:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	472	186	1	03/25/21 13:05	03/26/21 13:11	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	472	183	1	03/25/21 13:05	03/26/21 13:11	117-81-7	
Fluoranthene	1060	ug/kg	472	162	1	03/25/21 13:05	03/26/21 13:11	206-44-0	
Fluorene	ND	ug/kg	472	166	1	03/25/21 13:05	03/26/21 13:11	86-73-7	
Hexachlorobenzene	ND	ug/kg	472	185	1	03/25/21 13:05	03/26/21 13:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	472	270	1	03/25/21 13:05	03/26/21 13:11	77-47-4	v2
Hexachloroethane	ND	ug/kg	472	180	1	03/25/21 13:05	03/26/21 13:11	67-72-1	
Indeno(1,2,3-cd)pyrene	199J	ug/kg	472	186	1	03/25/21 13:05	03/26/21 13:11	193-39-5	
Isophorone	ND	ug/kg	472	210	1	03/25/21 13:05	03/26/21 13:11	78-59-1	
1-Methylnaphthalene	ND	ug/kg	472	166	1	03/25/21 13:05	03/26/21 13:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	472	189	1	03/25/21 13:05	03/26/21 13:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	472	193	1	03/25/21 13:05	03/26/21 13:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	472	190	1	03/25/21 13:05	03/26/21 13:11	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	386	1	03/25/21 13:05	03/26/21 13:11	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	03/25/21 13:05	03/26/21 13:11	99-09-2	
4-Nitroaniline	ND	ug/kg	944	359	1	03/25/21 13:05	03/26/21 13:11	100-01-6	
Nitrobenzene	ND	ug/kg	472	219	1	03/25/21 13:05	03/26/21 13:11	98-95-3	
2-Nitrophenol	ND	ug/kg	472	205	1	03/25/21 13:05	03/26/21 13:11	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	913	1	03/25/21 13:05	03/26/21 13:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	472	159	1	03/25/21 13:05	03/26/21 13:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	472	177	1	03/25/21 13:05	03/26/21 13:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	472	167	1	03/25/21 13:05	03/26/21 13:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	472	225	1	03/25/21 13:05	03/26/21 13:11	108-60-1	
Pentachlorophenol	ND	ug/kg	944	462	1	03/25/21 13:05	03/26/21 13:11	87-86-5	
Phenanthrene	837	ug/kg	472	154	1	03/25/21 13:05	03/26/21 13:11	85-01-8	
Phenol	ND	ug/kg	472	210	1	03/25/21 13:05	03/26/21 13:11	108-95-2	v1
Pyrene	1030	ug/kg	472	192	1	03/25/21 13:05	03/26/21 13:11	129-00-0	
Pyridine	ND	ug/kg	472	149	1	03/25/21 13:05	03/26/21 13:11	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	472	216	1	03/25/21 13:05	03/26/21 13:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	472	195	1	03/25/21 13:05	03/26/21 13:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/25/21 13:05	03/26/21 13:11	4165-60-0	
2-Fluorobiphenyl (S)	64	%	19-130		1	03/25/21 13:05	03/26/21 13:11	321-60-8	
Terphenyl-d14 (S)	99	%	15-130		1	03/25/21 13:05	03/26/21 13:11	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	03/25/21 13:05	03/26/21 13:11	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_0-0.6_20210323 **Lab ID:** 92529547005 Collected: 03/23/21 14:35 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	63	%	18-130		1	03/25/21 13:05	03/26/21 13:11	367-12-4	
2,4,6-Tribromophenol (S)	72	%	18-130		1	03/25/21 13:05	03/26/21 13:11	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	176	56.6	1	03/25/21 12:16	03/25/21 19:39	67-64-1	
Benzene	ND	ug/kg	8.8	3.5	1	03/25/21 12:16	03/25/21 19:39	71-43-2	
Bromobenzene	ND	ug/kg	8.8	2.9	1	03/25/21 12:16	03/25/21 19:39	108-86-1	
Bromochloromethane	ND	ug/kg	8.8	2.6	1	03/25/21 12:16	03/25/21 19:39	74-97-5	
Bromodichloromethane	ND	ug/kg	8.8	3.4	1	03/25/21 12:16	03/25/21 19:39	75-27-4	
Bromoform	ND	ug/kg	8.8	3.1	1	03/25/21 12:16	03/25/21 19:39	75-25-2	
Bromomethane	ND	ug/kg	17.6	13.9	1	03/25/21 12:16	03/25/21 19:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	176	42.3	1	03/25/21 12:16	03/25/21 19:39	78-93-3	
n-Butylbenzene	ND	ug/kg	8.8	4.2	1	03/25/21 12:16	03/25/21 19:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.8	3.9	1	03/25/21 12:16	03/25/21 19:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.8	3.1	1	03/25/21 12:16	03/25/21 19:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.8	3.3	1	03/25/21 12:16	03/25/21 19:39	56-23-5	
Chlorobenzene	ND	ug/kg	8.8	1.7	1	03/25/21 12:16	03/25/21 19:39	108-90-7	
Chloroethane	ND	ug/kg	17.6	6.8	1	03/25/21 12:16	03/25/21 19:39	75-00-3	
Chloroform	ND	ug/kg	8.8	5.4	1	03/25/21 12:16	03/25/21 19:39	67-66-3	
Chloromethane	ND	ug/kg	17.6	7.4	1	03/25/21 12:16	03/25/21 19:39	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.8	3.1	1	03/25/21 12:16	03/25/21 19:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.8	1.6	1	03/25/21 12:16	03/25/21 19:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.8	3.4	1	03/25/21 12:16	03/25/21 19:39	96-12-8	
Dibromochloromethane	ND	ug/kg	8.8	5.0	1	03/25/21 12:16	03/25/21 19:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.8	3.9	1	03/25/21 12:16	03/25/21 19:39	106-93-4	
Dibromomethane	ND	ug/kg	8.8	1.9	1	03/25/21 12:16	03/25/21 19:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.8	3.2	1	03/25/21 12:16	03/25/21 19:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.8	2.7	1	03/25/21 12:16	03/25/21 19:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.8	2.3	1	03/25/21 12:16	03/25/21 19:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.6	3.8	1	03/25/21 12:16	03/25/21 19:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.8	3.6	1	03/25/21 12:16	03/25/21 19:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.8	5.8	1	03/25/21 12:16	03/25/21 19:39	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.8	3.6	1	03/25/21 12:16	03/25/21 19:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.8	3.0	1	03/25/21 12:16	03/25/21 19:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.8	3.1	1	03/25/21 12:16	03/25/21 19:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.8	2.6	1	03/25/21 12:16	03/25/21 19:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.8	2.8	1	03/25/21 12:16	03/25/21 19:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.8	2.9	1	03/25/21 12:16	03/25/21 19:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.8	4.2	1	03/25/21 12:16	03/25/21 19:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.8	2.4	1	03/25/21 12:16	03/25/21 19:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.8	3.0	1	03/25/21 12:16	03/25/21 19:39	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: **DA4-SB-4A_SE_0-0.6_20210323** Lab ID: **92529547005** Collected: 03/23/21 14:35 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.8	2.4	1	03/25/21 12:16	03/25/21 19:39	108-20-3	
Ethylbenzene	ND	ug/kg	8.8	4.1	1	03/25/21 12:16	03/25/21 19:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.6	14.4	1	03/25/21 12:16	03/25/21 19:39	87-68-3	
2-Hexanone	ND	ug/kg	88.2	8.5	1	03/25/21 12:16	03/25/21 19:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.8	3.0	1	03/25/21 12:16	03/25/21 19:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.8	4.3	1	03/25/21 12:16	03/25/21 19:39	99-87-6	
Methylene Chloride	ND	ug/kg	35.3	24.2	1	03/25/21 12:16	03/25/21 19:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	88.2	8.5	1	03/25/21 12:16	03/25/21 19:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.8	3.3	1	03/25/21 12:16	03/25/21 19:39	1634-04-4	
Naphthalene	ND	ug/kg	8.8	4.6	1	03/25/21 12:16	03/25/21 19:39	91-20-3	
n-Propylbenzene	ND	ug/kg	8.8	3.1	1	03/25/21 12:16	03/25/21 19:39	103-65-1	
Styrene	ND	ug/kg	8.8	2.3	1	03/25/21 12:16	03/25/21 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.8	3.4	1	03/25/21 12:16	03/25/21 19:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.8	2.3	1	03/25/21 12:16	03/25/21 19:39	79-34-5	
Tetrachloroethene	ND	ug/kg	8.8	2.8	1	03/25/21 12:16	03/25/21 19:39	127-18-4	
Toluene	11.0	ug/kg	8.8	2.5	1	03/25/21 12:16	03/25/21 19:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.8	7.1	1	03/25/21 12:16	03/25/21 19:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.8	7.4	1	03/25/21 12:16	03/25/21 19:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.8	4.6	1	03/25/21 12:16	03/25/21 19:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.8	2.9	1	03/25/21 12:16	03/25/21 19:39	79-00-5	
Trichloroethene	ND	ug/kg	8.8	2.3	1	03/25/21 12:16	03/25/21 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.8	4.9	1	03/25/21 12:16	03/25/21 19:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.8	4.5	1	03/25/21 12:16	03/25/21 19:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.8	2.4	1	03/25/21 12:16	03/25/21 19:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.8	3.0	1	03/25/21 12:16	03/25/21 19:39	108-67-8	
Vinyl acetate	ND	ug/kg	88.2	6.4	1	03/25/21 12:16	03/25/21 19:39	108-05-4	
Vinyl chloride	ND	ug/kg	17.6	4.5	1	03/25/21 12:16	03/25/21 19:39	75-01-4	
Xylene (Total)	ND	ug/kg	17.6	5.0	1	03/25/21 12:16	03/25/21 19:39	1330-20-7	
m&p-Xylene	ND	ug/kg	17.6	6.0	1	03/25/21 12:16	03/25/21 19:39	179601-23-1	
o-Xylene	ND	ug/kg	8.8	3.9	1	03/25/21 12:16	03/25/21 19:39	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/25/21 12:16	03/25/21 19:39	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	03/25/21 12:16	03/25/21 19:39	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/25/21 12:16	03/25/21 19:39	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	31.2	%	0.10	0.10	1		03/25/21 13:57		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_3-4_20210323 **Lab ID:** 92529547006 Collected: 03/23/21 15:55 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.1	16.5	1	03/25/21 16:52	03/26/21 10:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.1	17.4	1	03/25/21 16:52	03/26/21 10:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.1	15.8	1	03/25/21 16:52	03/26/21 10:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.1	8.5	1	03/25/21 16:52	03/26/21 10:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.1	11.3	1	03/25/21 16:52	03/26/21 10:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.1	8.5	1	03/25/21 16:52	03/26/21 10:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.1	10.8	1	03/25/21 16:52	03/26/21 10:25	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	80	%	10-160		1	03/25/21 16:52	03/26/21 10:25	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	5.2J	ug/kg	13.7	1.4	1	03/27/21 14:36	03/29/21 10:48	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	82	%	31-130		1	03/27/21 14:36	03/29/21 10:48	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	03/27/21 14:36	03/29/21 10:48	4165-60-0	
Terphenyl-d14 (S)	98	%	24-130		1	03/27/21 14:36	03/29/21 10:48	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	451	159	1	03/25/21 13:05	03/26/21 13:39	83-32-9	
Acenaphthylene	ND	ug/kg	451	159	1	03/25/21 13:05	03/26/21 13:39	208-96-8	
Aniline	ND	ug/kg	451	176	1	03/25/21 13:05	03/26/21 13:39	62-53-3	
Anthracene	ND	ug/kg	451	148	1	03/25/21 13:05	03/26/21 13:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	451	150	1	03/25/21 13:05	03/26/21 13:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	451	150	1	03/25/21 13:05	03/26/21 13:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	451	175	1	03/25/21 13:05	03/26/21 13:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	451	159	1	03/25/21 13:05	03/26/21 13:39	207-08-9	
Benzoic Acid	ND	ug/kg	2260	970	1	03/25/21 13:05	03/26/21 13:39	65-85-0	
Benzyl alcohol	ND	ug/kg	903	342	1	03/25/21 13:05	03/26/21 13:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	451	174	1	03/25/21 13:05	03/26/21 13:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	451	190	1	03/25/21 13:05	03/26/21 13:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	903	317	1	03/25/21 13:05	03/26/21 13:39	59-50-7	
4-Chloroaniline	ND	ug/kg	903	354	1	03/25/21 13:05	03/26/21 13:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	451	187	1	03/25/21 13:05	03/26/21 13:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	451	170	1	03/25/21 13:05	03/26/21 13:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	451	179	1	03/25/21 13:05	03/26/21 13:39	91-58-7	
2-Chlorophenol	ND	ug/kg	451	170	1	03/25/21 13:05	03/26/21 13:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	451	168	1	03/25/21 13:05	03/26/21 13:39	7005-72-3	
Chrysene	ND	ug/kg	451	164	1	03/25/21 13:05	03/26/21 13:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	451	174	1	03/25/21 13:05	03/26/21 13:39	53-70-3	
Dibenzofuran	ND	ug/kg	451	163	1	03/25/21 13:05	03/26/21 13:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	903	305	1	03/25/21 13:05	03/26/21 13:39	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_3-4_20210323 Lab ID: 92529547006 Collected: 03/23/21 15:55 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	451	176	1	03/25/21 13:05	03/26/21 13:39	120-83-2	
Diethylphthalate	ND	ug/kg	451	165	1	03/25/21 13:05	03/26/21 13:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	451	187	1	03/25/21 13:05	03/26/21 13:39	105-67-9	
Dimethylphthalate	ND	ug/kg	451	164	1	03/25/21 13:05	03/26/21 13:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	451	152	1	03/25/21 13:05	03/26/21 13:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	903	421	1	03/25/21 13:05	03/26/21 13:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2260	1400	1	03/25/21 13:05	03/26/21 13:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	451	174	1	03/25/21 13:05	03/26/21 13:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	451	165	1	03/25/21 13:05	03/26/21 13:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	451	178	1	03/25/21 13:05	03/26/21 13:39	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	451	175	1	03/25/21 13:05	03/26/21 13:39	117-81-7	
Fluoranthene	ND	ug/kg	451	155	1	03/25/21 13:05	03/26/21 13:39	206-44-0	
Fluorene	ND	ug/kg	451	159	1	03/25/21 13:05	03/26/21 13:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	451	176	1	03/25/21 13:05	03/26/21 13:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	451	258	1	03/25/21 13:05	03/26/21 13:39	77-47-4	v2
Hexachloroethane	ND	ug/kg	451	172	1	03/25/21 13:05	03/26/21 13:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	451	178	1	03/25/21 13:05	03/26/21 13:39	193-39-5	
Isophorone	ND	ug/kg	451	201	1	03/25/21 13:05	03/26/21 13:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	451	159	1	03/25/21 13:05	03/26/21 13:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	451	181	1	03/25/21 13:05	03/26/21 13:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	451	185	1	03/25/21 13:05	03/26/21 13:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	451	182	1	03/25/21 13:05	03/26/21 13:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2260	369	1	03/25/21 13:05	03/26/21 13:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2260	354	1	03/25/21 13:05	03/26/21 13:39	99-09-2	
4-Nitroaniline	ND	ug/kg	903	343	1	03/25/21 13:05	03/26/21 13:39	100-01-6	
Nitrobenzene	ND	ug/kg	451	209	1	03/25/21 13:05	03/26/21 13:39	98-95-3	
2-Nitrophenol	ND	ug/kg	451	196	1	03/25/21 13:05	03/26/21 13:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2260	873	1	03/25/21 13:05	03/26/21 13:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	451	152	1	03/25/21 13:05	03/26/21 13:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	451	170	1	03/25/21 13:05	03/26/21 13:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	451	160	1	03/25/21 13:05	03/26/21 13:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	451	215	1	03/25/21 13:05	03/26/21 13:39	108-60-1	
Pentachlorophenol	ND	ug/kg	903	442	1	03/25/21 13:05	03/26/21 13:39	87-86-5	
Phenanthrene	ND	ug/kg	451	148	1	03/25/21 13:05	03/26/21 13:39	85-01-8	
Phenol	ND	ug/kg	451	201	1	03/25/21 13:05	03/26/21 13:39	108-95-2	v1
Pyrene	ND	ug/kg	451	183	1	03/25/21 13:05	03/26/21 13:39	129-00-0	
Pyridine	ND	ug/kg	451	142	1	03/25/21 13:05	03/26/21 13:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	451	207	1	03/25/21 13:05	03/26/21 13:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	451	186	1	03/25/21 13:05	03/26/21 13:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/25/21 13:05	03/26/21 13:39	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	03/25/21 13:05	03/26/21 13:39	321-60-8	
Terphenyl-d14 (S)	53	%	15-130		1	03/25/21 13:05	03/26/21 13:39	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	03/25/21 13:05	03/26/21 13:39	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_3-4_20210323 **Lab ID:** 92529547006 Collected: 03/23/21 15:55 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	65	%	18-130		1	03/25/21 13:05	03/26/21 13:39	367-12-4	
2,4,6-Tribromophenol (S)	66	%	18-130		1	03/25/21 13:05	03/26/21 13:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	200	64.1	1	03/25/21 12:16	03/25/21 19:57	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	03/25/21 12:16	03/25/21 19:57	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	03/25/21 12:16	03/25/21 19:57	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	03/25/21 12:16	03/25/21 19:57	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.9	1	03/25/21 12:16	03/25/21 19:57	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	03/25/21 12:16	03/25/21 19:57	75-25-2	
Bromomethane	ND	ug/kg	20.0	15.8	1	03/25/21 12:16	03/25/21 19:57	74-83-9	
2-Butanone (MEK)	ND	ug/kg	200	48.0	1	03/25/21 12:16	03/25/21 19:57	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	03/25/21 12:16	03/25/21 19:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	03/25/21 12:16	03/25/21 19:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	03/25/21 12:16	03/25/21 19:57	98-06-6	
Carbon tetrachloride	ND	ug/kg	10	3.7	1	03/25/21 12:16	03/25/21 19:57	56-23-5	
Chlorobenzene	ND	ug/kg	10	1.9	1	03/25/21 12:16	03/25/21 19:57	108-90-7	
Chloroethane	ND	ug/kg	20.0	7.7	1	03/25/21 12:16	03/25/21 19:57	75-00-3	
Chloroform	ND	ug/kg	10	6.1	1	03/25/21 12:16	03/25/21 19:57	67-66-3	
Chloromethane	ND	ug/kg	20.0	8.4	1	03/25/21 12:16	03/25/21 19:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	03/25/21 12:16	03/25/21 19:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	03/25/21 12:16	03/25/21 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	03/25/21 12:16	03/25/21 19:57	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	03/25/21 12:16	03/25/21 19:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	03/25/21 12:16	03/25/21 19:57	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	03/25/21 12:16	03/25/21 19:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	03/25/21 12:16	03/25/21 19:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	03/25/21 12:16	03/25/21 19:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	03/25/21 12:16	03/25/21 19:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.0	4.3	1	03/25/21 12:16	03/25/21 19:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	03/25/21 12:16	03/25/21 19:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	03/25/21 12:16	03/25/21 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	03/25/21 12:16	03/25/21 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	03/25/21 12:16	03/25/21 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	03/25/21 12:16	03/25/21 19:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	03/25/21 12:16	03/25/21 19:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	03/25/21 12:16	03/25/21 19:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	03/25/21 12:16	03/25/21 19:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	03/25/21 12:16	03/25/21 19:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	03/25/21 12:16	03/25/21 19:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	03/25/21 12:16	03/25/21 19:57	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: DA4-SB-4A_SE_3-4_20210323 **Lab ID:** 92529547006 Collected: 03/23/21 15:55 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	10	2.7	1	03/25/21 12:16	03/25/21 19:57	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.7	1	03/25/21 12:16	03/25/21 19:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	20.0	16.3	1	03/25/21 12:16	03/25/21 19:57	87-68-3	
2-Hexanone	ND	ug/kg	99.9	9.6	1	03/25/21 12:16	03/25/21 19:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10	3.4	1	03/25/21 12:16	03/25/21 19:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10	4.9	1	03/25/21 12:16	03/25/21 19:57	99-87-6	
Methylene Chloride	ND	ug/kg	40.0	27.4	1	03/25/21 12:16	03/25/21 19:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.9	9.6	1	03/25/21 12:16	03/25/21 19:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	03/25/21 12:16	03/25/21 19:57	1634-04-4	
Naphthalene	ND	ug/kg	10	5.3	1	03/25/21 12:16	03/25/21 19:57	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	03/25/21 12:16	03/25/21 19:57	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	03/25/21 12:16	03/25/21 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	03/25/21 12:16	03/25/21 19:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	03/25/21 12:16	03/25/21 19:57	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	03/25/21 12:16	03/25/21 19:57	127-18-4	
Toluene	11.2	ug/kg	10	2.8	1	03/25/21 12:16	03/25/21 19:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	03/25/21 12:16	03/25/21 19:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	03/25/21 12:16	03/25/21 19:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	03/25/21 12:16	03/25/21 19:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	03/25/21 12:16	03/25/21 19:57	79-00-5	
Trichloroethene	ND	ug/kg	10	2.6	1	03/25/21 12:16	03/25/21 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	03/25/21 12:16	03/25/21 19:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.1	1	03/25/21 12:16	03/25/21 19:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10	2.7	1	03/25/21 12:16	03/25/21 19:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	03/25/21 12:16	03/25/21 19:57	108-67-8	
Vinyl acetate	ND	ug/kg	99.9	7.3	1	03/25/21 12:16	03/25/21 19:57	108-05-4	
Vinyl chloride	ND	ug/kg	20.0	5.1	1	03/25/21 12:16	03/25/21 19:57	75-01-4	
Xylene (Total)	ND	ug/kg	20.0	5.7	1	03/25/21 12:16	03/25/21 19:57	1330-20-7	
m&p-Xylene	ND	ug/kg	20.0	6.8	1	03/25/21 12:16	03/25/21 19:57	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	03/25/21 12:16	03/25/21 19:57	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/25/21 12:16	03/25/21 19:57	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	03/25/21 12:16	03/25/21 19:57	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1	03/25/21 12:16	03/25/21 19:57	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	27.1	%	0.10	0.10	1		03/25/21 13:57		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: **FD-1_SE_20210323** Lab ID: **92529547007** Collected: 03/23/21 16:00 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.8	18.2	1	03/25/21 16:52	03/26/21 10:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.8	19.2	1	03/25/21 16:52	03/26/21 10:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.8	17.4	1	03/25/21 16:52	03/26/21 10:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.8	9.4	1	03/25/21 16:52	03/26/21 10:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.8	12.4	1	03/25/21 16:52	03/26/21 10:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.8	9.4	1	03/25/21 16:52	03/26/21 10:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.8	11.9	1	03/25/21 16:52	03/26/21 10:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	105	%	10-160		1	03/25/21 16:52	03/26/21 10:39	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	214	ug/kg	15.3	1.6	1	03/27/21 14:36	03/29/21 11:10	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	77	%	31-130		1	03/27/21 14:36	03/29/21 11:10	321-60-8	
Nitrobenzene-d5 (S)	91	%	32-130		1	03/27/21 14:36	03/29/21 11:10	4165-60-0	
Terphenyl-d14 (S)	111	%	24-130		1	03/27/21 14:36	03/29/21 11:10	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	498	175	1	03/25/21 13:05	03/26/21 14:06	83-32-9	
Acenaphthylene	ND	ug/kg	498	175	1	03/25/21 13:05	03/26/21 14:06	208-96-8	
Aniline	ND	ug/kg	498	195	1	03/25/21 13:05	03/26/21 14:06	62-53-3	
Anthracene	ND	ug/kg	498	163	1	03/25/21 13:05	03/26/21 14:06	120-12-7	
Benzo(a)anthracene	193J	ug/kg	498	166	1	03/25/21 13:05	03/26/21 14:06	56-55-3	
Benzo(b)fluoranthene	217J	ug/kg	498	166	1	03/25/21 13:05	03/26/21 14:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	498	193	1	03/25/21 13:05	03/26/21 14:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	498	175	1	03/25/21 13:05	03/26/21 14:06	207-08-9	
Benzoic Acid	ND	ug/kg	2490	1070	1	03/25/21 13:05	03/26/21 14:06	65-85-0	
Benzyl alcohol	ND	ug/kg	995	377	1	03/25/21 13:05	03/26/21 14:06	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	498	192	1	03/25/21 13:05	03/26/21 14:06	101-55-3	
Butylbenzylphthalate	ND	ug/kg	498	210	1	03/25/21 13:05	03/26/21 14:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	995	350	1	03/25/21 13:05	03/26/21 14:06	59-50-7	
4-Chloroaniline	ND	ug/kg	995	391	1	03/25/21 13:05	03/26/21 14:06	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	498	207	1	03/25/21 13:05	03/26/21 14:06	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	498	187	1	03/25/21 13:05	03/26/21 14:06	111-44-4	
2-Chloronaphthalene	ND	ug/kg	498	198	1	03/25/21 13:05	03/26/21 14:06	91-58-7	
2-Chlorophenol	ND	ug/kg	498	187	1	03/25/21 13:05	03/26/21 14:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	498	186	1	03/25/21 13:05	03/26/21 14:06	7005-72-3	
Chrysene	ND	ug/kg	498	181	1	03/25/21 13:05	03/26/21 14:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	498	192	1	03/25/21 13:05	03/26/21 14:06	53-70-3	
Dibenzofuran	ND	ug/kg	498	179	1	03/25/21 13:05	03/26/21 14:06	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	995	336	1	03/25/21 13:05	03/26/21 14:06	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	498	195	1	03/25/21 13:05	03/26/21 14:06	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: FD-1_SE_20210323 **Lab ID:** 92529547007 Collected: 03/23/21 16:00 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	498	182	1	03/25/21 13:05	03/26/21 14:06	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	498	207	1	03/25/21 13:05	03/26/21 14:06	105-67-9	
Dimethylphthalate	ND	ug/kg	498	181	1	03/25/21 13:05	03/26/21 14:06	131-11-3	
Di-n-butylphthalate	ND	ug/kg	498	167	1	03/25/21 13:05	03/26/21 14:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	995	465	1	03/25/21 13:05	03/26/21 14:06	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2490	1540	1	03/25/21 13:05	03/26/21 14:06	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	498	192	1	03/25/21 13:05	03/26/21 14:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	498	182	1	03/25/21 13:05	03/26/21 14:06	606-20-2	
Di-n-octylphthalate	ND	ug/kg	498	196	1	03/25/21 13:05	03/26/21 14:06	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	498	193	1	03/25/21 13:05	03/26/21 14:06	117-81-7	
Fluoranthene	270J	ug/kg	498	170	1	03/25/21 13:05	03/26/21 14:06	206-44-0	
Fluorene	ND	ug/kg	498	175	1	03/25/21 13:05	03/26/21 14:06	86-73-7	
Hexachlorobenzene	ND	ug/kg	498	195	1	03/25/21 13:05	03/26/21 14:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	498	285	1	03/25/21 13:05	03/26/21 14:06	77-47-4	v2
Hexachloroethane	ND	ug/kg	498	190	1	03/25/21 13:05	03/26/21 14:06	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	498	196	1	03/25/21 13:05	03/26/21 14:06	193-39-5	
Isophorone	ND	ug/kg	498	222	1	03/25/21 13:05	03/26/21 14:06	78-59-1	
1-Methylnaphthalene	ND	ug/kg	498	175	1	03/25/21 13:05	03/26/21 14:06	90-12-0	
2-Methylnaphthalene	ND	ug/kg	498	199	1	03/25/21 13:05	03/26/21 14:06	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	498	204	1	03/25/21 13:05	03/26/21 14:06	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	498	201	1	03/25/21 13:05	03/26/21 14:06	15831-10-4	
2-Nitroaniline	ND	ug/kg	2490	407	1	03/25/21 13:05	03/26/21 14:06	88-74-4	
3-Nitroaniline	ND	ug/kg	2490	391	1	03/25/21 13:05	03/26/21 14:06	99-09-2	
4-Nitroaniline	ND	ug/kg	995	379	1	03/25/21 13:05	03/26/21 14:06	100-01-6	
Nitrobenzene	ND	ug/kg	498	231	1	03/25/21 13:05	03/26/21 14:06	98-95-3	
2-Nitrophenol	ND	ug/kg	498	216	1	03/25/21 13:05	03/26/21 14:06	88-75-5	
4-Nitrophenol	ND	ug/kg	2490	962	1	03/25/21 13:05	03/26/21 14:06	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	498	167	1	03/25/21 13:05	03/26/21 14:06	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	498	187	1	03/25/21 13:05	03/26/21 14:06	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	498	176	1	03/25/21 13:05	03/26/21 14:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	498	237	1	03/25/21 13:05	03/26/21 14:06	108-60-1	
Pentachlorophenol	ND	ug/kg	995	487	1	03/25/21 13:05	03/26/21 14:06	87-86-5	
Phenanthrene	ND	ug/kg	498	163	1	03/25/21 13:05	03/26/21 14:06	85-01-8	
Phenol	ND	ug/kg	498	222	1	03/25/21 13:05	03/26/21 14:06	108-95-2	v1
Pyrene	302J	ug/kg	498	202	1	03/25/21 13:05	03/26/21 14:06	129-00-0	
Pyridine	ND	ug/kg	498	157	1	03/25/21 13:05	03/26/21 14:06	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	498	228	1	03/25/21 13:05	03/26/21 14:06	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	498	205	1	03/25/21 13:05	03/26/21 14:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	21-130		1	03/25/21 13:05	03/26/21 14:06	4165-60-0	
2-Fluorobiphenyl (S)	50	%	19-130		1	03/25/21 13:05	03/26/21 14:06	321-60-8	
Terphenyl-d14 (S)	96	%	15-130		1	03/25/21 13:05	03/26/21 14:06	1718-51-0	
Phenol-d6 (S)	47	%	18-130		1	03/25/21 13:05	03/26/21 14:06	13127-88-3	
2-Fluorophenol (S)	51	%	18-130		1	03/25/21 13:05	03/26/21 14:06	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: FD-1_SE_20210323 **Lab ID:** 92529547007 Collected: 03/23/21 16:00 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	62	%	18-130		1	03/25/21 13:05	03/26/21 14:06	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	194	62.3	1	03/25/21 12:16	03/25/21 20:15	67-64-1	
Benzene	ND	ug/kg	9.7	3.9	1	03/25/21 12:16	03/25/21 20:15	71-43-2	
Bromobenzene	ND	ug/kg	9.7	3.2	1	03/25/21 12:16	03/25/21 20:15	108-86-1	
Bromochloromethane	ND	ug/kg	9.7	2.9	1	03/25/21 12:16	03/25/21 20:15	74-97-5	
Bromodichloromethane	ND	ug/kg	9.7	3.7	1	03/25/21 12:16	03/25/21 20:15	75-27-4	
Bromoform	ND	ug/kg	9.7	3.4	1	03/25/21 12:16	03/25/21 20:15	75-25-2	
Bromomethane	ND	ug/kg	19.4	15.3	1	03/25/21 12:16	03/25/21 20:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	194	46.6	1	03/25/21 12:16	03/25/21 20:15	78-93-3	
n-Butylbenzene	ND	ug/kg	9.7	4.6	1	03/25/21 12:16	03/25/21 20:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.7	4.3	1	03/25/21 12:16	03/25/21 20:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.7	3.5	1	03/25/21 12:16	03/25/21 20:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.7	3.6	1	03/25/21 12:16	03/25/21 20:15	56-23-5	
Chlorobenzene	ND	ug/kg	9.7	1.9	1	03/25/21 12:16	03/25/21 20:15	108-90-7	
Chloroethane	ND	ug/kg	19.4	7.5	1	03/25/21 12:16	03/25/21 20:15	75-00-3	
Chloroform	ND	ug/kg	9.7	5.9	1	03/25/21 12:16	03/25/21 20:15	67-66-3	
Chloromethane	ND	ug/kg	19.4	8.1	1	03/25/21 12:16	03/25/21 20:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.7	3.4	1	03/25/21 12:16	03/25/21 20:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.7	1.7	1	03/25/21 12:16	03/25/21 20:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.7	3.8	1	03/25/21 12:16	03/25/21 20:15	96-12-8	
Dibromochloromethane	ND	ug/kg	9.7	5.5	1	03/25/21 12:16	03/25/21 20:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.7	4.3	1	03/25/21 12:16	03/25/21 20:15	106-93-4	
Dibromomethane	ND	ug/kg	9.7	2.1	1	03/25/21 12:16	03/25/21 20:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.7	3.5	1	03/25/21 12:16	03/25/21 20:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.7	3.0	1	03/25/21 12:16	03/25/21 20:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.7	2.5	1	03/25/21 12:16	03/25/21 20:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.4	4.2	1	03/25/21 12:16	03/25/21 20:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.7	4.0	1	03/25/21 12:16	03/25/21 20:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.7	6.4	1	03/25/21 12:16	03/25/21 20:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.7	4.0	1	03/25/21 12:16	03/25/21 20:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.7	3.3	1	03/25/21 12:16	03/25/21 20:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.7	3.4	1	03/25/21 12:16	03/25/21 20:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.7	2.9	1	03/25/21 12:16	03/25/21 20:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.7	3.0	1	03/25/21 12:16	03/25/21 20:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.7	3.2	1	03/25/21 12:16	03/25/21 20:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.7	4.7	1	03/25/21 12:16	03/25/21 20:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.7	2.6	1	03/25/21 12:16	03/25/21 20:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.7	3.3	1	03/25/21 12:16	03/25/21 20:15	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.7	2.6	1	03/25/21 12:16	03/25/21 20:15	108-20-3	
Ethylbenzene	ND	ug/kg	9.7	4.5	1	03/25/21 12:16	03/25/21 20:15	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Sample: FD-1_SE_20210323 **Lab ID:** 92529547007 Collected: 03/23/21 16:00 Received: 03/24/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	19.4	15.9	1	03/25/21 12:16	03/25/21 20:15	87-68-3	
2-Hexanone	ND	ug/kg	97.0	9.4	1	03/25/21 12:16	03/25/21 20:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.7	3.3	1	03/25/21 12:16	03/25/21 20:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.7	4.8	1	03/25/21 12:16	03/25/21 20:15	99-87-6	
Methylene Chloride	ND	ug/kg	38.8	26.6	1	03/25/21 12:16	03/25/21 20:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	97.0	9.4	1	03/25/21 12:16	03/25/21 20:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.7	3.6	1	03/25/21 12:16	03/25/21 20:15	1634-04-4	
Naphthalene	ND	ug/kg	9.7	5.1	1	03/25/21 12:16	03/25/21 20:15	91-20-3	
n-Propylbenzene	ND	ug/kg	9.7	3.5	1	03/25/21 12:16	03/25/21 20:15	103-65-1	
Styrene	ND	ug/kg	9.7	2.6	1	03/25/21 12:16	03/25/21 20:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.7	3.7	1	03/25/21 12:16	03/25/21 20:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.7	2.6	1	03/25/21 12:16	03/25/21 20:15	79-34-5	
Tetrachloroethene	ND	ug/kg	9.7	3.1	1	03/25/21 12:16	03/25/21 20:15	127-18-4	
Toluene	14.1	ug/kg	9.7	2.8	1	03/25/21 12:16	03/25/21 20:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.7	7.8	1	03/25/21 12:16	03/25/21 20:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.7	8.1	1	03/25/21 12:16	03/25/21 20:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.7	5.0	1	03/25/21 12:16	03/25/21 20:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.7	3.2	1	03/25/21 12:16	03/25/21 20:15	79-00-5	
Trichloroethene	ND	ug/kg	9.7	2.5	1	03/25/21 12:16	03/25/21 20:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.7	5.3	1	03/25/21 12:16	03/25/21 20:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.7	4.9	1	03/25/21 12:16	03/25/21 20:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.7	2.7	1	03/25/21 12:16	03/25/21 20:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.7	3.3	1	03/25/21 12:16	03/25/21 20:15	108-67-8	
Vinyl acetate	ND	ug/kg	97.0	7.1	1	03/25/21 12:16	03/25/21 20:15	108-05-4	
Vinyl chloride	ND	ug/kg	19.4	4.9	1	03/25/21 12:16	03/25/21 20:15	75-01-4	
Xylene (Total)	ND	ug/kg	19.4	5.5	1	03/25/21 12:16	03/25/21 20:15	1330-20-7	
m&p-Xylene	ND	ug/kg	19.4	6.6	1	03/25/21 12:16	03/25/21 20:15	179601-23-1	
o-Xylene	ND	ug/kg	9.7	4.3	1	03/25/21 12:16	03/25/21 20:15	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/25/21 12:16	03/25/21 20:15	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	03/25/21 12:16	03/25/21 20:15	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/25/21 12:16	03/25/21 20:15	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	34.3	%	0.10	0.10	1		03/25/21 13:57		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Sample: TRIP BLANK Lab ID: 92529547008 Collected: 03/24/21 00:00 Received: 03/24/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 15:49	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 15:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 15:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 15:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 15:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 15:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 15:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 15:49	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 15:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 15:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 15:49	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 15:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 15:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 15:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 15:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 15:49	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 15:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 15:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 15:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 15:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 15:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 15:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 15:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 15:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 15:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 15:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 15:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 15:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 15:49	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

Sample: TRIP BLANK Lab ID: 92529547008 Collected: 03/24/21 00:00 Received: 03/24/21 11:45 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 15:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 15:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 15:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 15:49	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 15:49	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 15:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 15:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 15:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/25/21 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	85	%	70-130		1		03/25/21 15:49	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		03/25/21 15:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

QC Batch: 609283

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547008

METHOD BLANK: 3209199

Matrix: Water

Associated Lab Samples: 92529547008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/25/21 15:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/25/21 15:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/25/21 15:31	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/25/21 15:31	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/25/21 15:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/25/21 15:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/25/21 15:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/25/21 15:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/25/21 15:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/25/21 15:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/25/21 15:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/25/21 15:31	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/25/21 15:31	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/25/21 15:31	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
2-Hexanone	ug/L	ND	5.0	0.48	03/25/21 15:31	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/25/21 15:31	
Acetone	ug/L	ND	25.0	5.1	03/25/21 15:31	
Benzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromobenzene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Bromochloromethane	ug/L	ND	1.0	0.47	03/25/21 15:31	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
Bromoform	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromomethane	ug/L	ND	2.0	1.7	03/25/21 15:31	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/25/21 15:31	
Chlorobenzene	ug/L	ND	1.0	0.28	03/25/21 15:31	
Chloroethane	ug/L	ND	1.0	0.65	03/25/21 15:31	
Chloroform	ug/L	ND	5.0	1.6	03/25/21 15:31	
Chloromethane	ug/L	ND	1.0	0.54	03/25/21 15:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/25/21 15:31	
Dibromomethane	ug/L	ND	1.0	0.39	03/25/21 15:31	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/25/21 15:31	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

METHOD BLANK: 3209199 Matrix: Water
Associated Lab Samples: 92529547008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/25/21 15:31	
Ethylbenzene	ug/L	ND	1.0	0.30	03/25/21 15:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/25/21 15:31	
m&p-Xylene	ug/L	ND	2.0	0.71	03/25/21 15:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/25/21 15:31	
Methylene Chloride	ug/L	ND	5.0	2.0	03/25/21 15:31	
Naphthalene	ug/L	ND	1.0	0.64	03/25/21 15:31	
o-Xylene	ug/L	ND	1.0	0.34	03/25/21 15:31	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/25/21 15:31	
Styrene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Toluene	ug/L	ND	1.0	0.48	03/25/21 15:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/25/21 15:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	
Trichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/25/21 15:31	
Vinyl acetate	ug/L	ND	2.0	1.3	03/25/21 15:31	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/25/21 15:31	
Xylene (Total)	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/25/21 15:31	
4-Bromofluorobenzene (S)	%	107	70-130		03/25/21 15:31	
Toluene-d8 (S)	%	109	70-130		03/25/21 15:31	

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	48.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	45.3	91	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	52.2	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.8	102	70-130	
1,2,3-Trichloropropane	ug/L	50	47.8	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	44.6	89	70-130	
1,2-Dichloropropane	ug/L	50	48.7	97	70-130	
1,3-Dichlorobenzene	ug/L	50	48.3	97	70-130	
1,3-Dichloropropane	ug/L	50	54.7	109	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
2,2-Dichloropropane	ug/L	50	47.8	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	109	109	70-130	
2-Chlorotoluene	ug/L	50	47.4	95	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	49.1	98	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.5	91	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	46.9	94	70-130	
Bromobenzene	ug/L	50	46.4	93	70-130	
Bromochloromethane	ug/L	50	47.7	95	70-130	
Bromodichloromethane	ug/L	50	45.5	91	70-130	
Bromoform	ug/L	50	53.3	107	70-130	
Bromomethane	ug/L	50	39.9	80	70-130	
Carbon tetrachloride	ug/L	50	45.4	91	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	44.4	89	70-130	
Chloroform	ug/L	50	47.6	95	70-130	
Chloromethane	ug/L	50	43.0	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	56.3	113	70-130	
Dibromomethane	ug/L	50	44.4	89	70-130	
Dichlorodifluoromethane	ug/L	50	36.7	73	70-130	
Diisopropyl ether	ug/L	50	49.8	100	70-130	
Ethylbenzene	ug/L	50	48.8	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	96.6	97	70-130	
Methyl-tert-butyl ether	ug/L	50	44.2	88	70-130	
Methylene Chloride	ug/L	50	43.6	87	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	51.2	102	70-130	
Styrene	ug/L	50	48.6	97	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	43.2	86	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.2	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	70-130	
Trichloroethene	ug/L	50	49.0	98	70-130	
Trichlorofluoromethane	ug/L	50	40.0	80	70-130	
Vinyl acetate	ug/L	100	102	102	70-130 IK	
Vinyl chloride	ug/L	50	39.5	79	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Parameter	Units	3209201		3209202		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92529550002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.7	21.9	119	110	73-134	8	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	26.1	24.2	130	121	82-143	8	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	24.3	22.2	121	111	70-136	9	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	24.3	21.9	121	109	70-135	10	30		
1,1-Dichloroethane	ug/L	ND	20	20	27.4	25.2	137	126	70-139	8	30		
1,1-Dichloroethene	ug/L	ND	20	20	26.2	23.6	131	118	70-154	11	30		
1,1-Dichloropropene	ug/L	ND	20	20	27.2	24.6	136	123	70-149	10	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.5	23.0	123	115	70-135	7	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	24.4	21.9	122	109	71-137	11	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.9	22.3	125	111	73-140	11	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.9	21.3	119	107	65-134	11	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	24.2	22.1	121	110	70-133	9	30		
1,2-Dichloroethane	ug/L	ND	20	20	25.5	23.7	127	119	70-137	7	30		
1,2-Dichloropropane	ug/L	ND	20	20	26.1	23.7	130	119	70-140	9	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	23.6	23.0	118	115	70-135	3	30		
1,3-Dichloropropane	ug/L	ND	20	20	25.1	23.0	126	115	70-143	9	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	24.9	21.6	125	108	70-133	14	30		
2,2-Dichloropropane	ug/L	ND	20	20	27.1	25.6	136	128	61-148	6	30		
2-Butanone (MEK)	ug/L	ND	40	40	57.1	51.6	143	129	60-139	10	30	M1	
2-Chlorotoluene	ug/L	ND	20	20	24.6	22.4	123	112	70-144	9	30		
2-Hexanone	ug/L	ND	40	40	52.4	46.7	131	117	65-138	11	30		
4-Chlorotoluene	ug/L	ND	20	20	24.0	21.9	120	109	70-137	9	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	52.0	46.6	130	116	65-135	11	30		
Acetone	ug/L	ND	40	40	56.0	51.3	140	128	60-148	9	30		
Benzene	ug/L	ND	20	20	25.1	23.3	125	117	70-151	7	30		
Bromobenzene	ug/L	ND	20	20	23.3	21.9	116	110	70-136	6	30		
Bromochloromethane	ug/L	ND	20	20	25.6	23.9	128	119	70-141	7	30		
Bromodichloromethane	ug/L	ND	20	20	22.5	20.5	112	102	70-138	9	30		
Bromoform	ug/L	ND	20	20	23.7	21.4	118	107	63-130	10	30		
Bromomethane	ug/L	ND	20	20	22.6	21.1	113	106	15-152	7	30		
Carbon tetrachloride	ug/L	ND	20	20	25.2	22.8	126	114	70-143	10	30		
Chlorobenzene	ug/L	ND	20	20	24.8	22.5	124	112	70-138	10	30		
Chloroethane	ug/L	ND	20	20	23.5	23.7	118	118	52-163	0	30		
Chloroform	ug/L	ND	20	20	25.7	23.5	129	118	70-139	9	30		
Chloromethane	ug/L	ND	20	20	25.2	23.3	126	116	41-139	8	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	25.8	23.9	129	120	70-141	8	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.0	119	110	70-137	7	30		
Dibromochloromethane	ug/L	ND	20	20	24.6	22.6	123	113	70-134	9	30		
Dibromomethane	ug/L	ND	20	20	24.2	22.0	121	110	70-138	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	21.5	115	108	47-155	7	30		
Diisopropyl ether	ug/L	ND	20	20	27.9	26.0	140	130	63-144	7	30		
Ethylbenzene	ug/L	ND	20	20	24.6	22.6	123	113	66-153	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.4	24.2	137	121	65-149	12	30		
m&p-Xylene	ug/L	ND	40	40	49.9	45.7	125	114	69-152	9	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Parameter	Units	3209201		3209202		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529550002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	25.6	23.2	128	116	54-156	10	30		
Methylene Chloride	ug/L	ND	20	20	26.7	24.7	134	124	42-159	8	30		
Naphthalene	ug/L	ND	20	20	23.6	22.0	118	110	61-148	7	30		
o-Xylene	ug/L	ND	20	20	24.5	22.7	122	114	70-148	8	30		
p-Isopropyltoluene	ug/L	ND	20	20	25.0	22.7	125	114	70-146	9	30		
Styrene	ug/L	ND	20	20	25.5	23.3	128	116	70-135	9	30		
Tetrachloroethene	ug/L	ND	20	20	24.4	22.4	122	112	59-143	8	30		
Toluene	ug/L	ND	20	20	24.4	22.2	122	111	59-148	9	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	27.4	24.9	137	125	70-146	9	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.4	21.8	122	109	70-135	11	30		
Trichloroethene	ug/L	ND	20	20	25.1	22.6	126	113	70-147	10	30		
Trichlorofluoromethane	ug/L	ND	20	20	23.8	21.5	119	108	70-148	10	30		
Vinyl acetate	ug/L	ND	40	40	62.5	56.8	156	142	49-151	10	30	M1	
Vinyl chloride	ug/L	ND	20	20	23.8	22.3	119	111	70-156	7	30		
Xylene (Total)	ug/L	ND	60	60	74.4	68.4	124	114	63-158	8	30		
1,2-Dichloroethane-d4 (S)	%						108	106	70-130				
4-Bromofluorobenzene (S)	%						99	98	70-130				
Toluene-d8 (S)	%						99	97	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

QC Batch: 609352

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

METHOD BLANK: 3209717

Matrix: Solid

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/25/21 16:47	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/25/21 16:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/25/21 16:47	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/25/21 16:47	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/25/21 16:47	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/25/21 16:47	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/25/21 16:47	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/25/21 16:47	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/25/21 16:47	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/25/21 16:47	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/25/21 16:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/25/21 16:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/25/21 16:47	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/25/21 16:47	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/25/21 16:47	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/25/21 16:47	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/25/21 16:47	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/25/21 16:47	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/25/21 16:47	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/25/21 16:47	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/25/21 16:47	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/25/21 16:47	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/25/21 16:47	
2-Hexanone	ug/kg	ND	50.0	4.8	03/25/21 16:47	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/25/21 16:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/25/21 16:47	
Acetone	ug/kg	ND	100	32.1	03/25/21 16:47	
Benzene	ug/kg	ND	5.0	2.0	03/25/21 16:47	
Bromobenzene	ug/kg	ND	5.0	1.6	03/25/21 16:47	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/25/21 16:47	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/25/21 16:47	
Bromoform	ug/kg	ND	5.0	1.8	03/25/21 16:47	
Bromomethane	ug/kg	ND	10.0	7.9	03/25/21 16:47	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/25/21 16:47	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/25/21 16:47	
Chloroethane	ug/kg	ND	10.0	3.9	03/25/21 16:47	
Chloroform	ug/kg	ND	5.0	3.0	03/25/21 16:47	
Chloromethane	ug/kg	ND	10.0	4.2	03/25/21 16:47	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/25/21 16:47	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/25/21 16:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

METHOD BLANK: 3209717

Matrix: Solid

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/25/21 16:47	
Dibromomethane	ug/kg	ND	5.0	1.1	03/25/21 16:47	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/25/21 16:47	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/25/21 16:47	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/25/21 16:47	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/25/21 16:47	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/25/21 16:47	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/25/21 16:47	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/25/21 16:47	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/25/21 16:47	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/25/21 16:47	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/25/21 16:47	
Naphthalene	ug/kg	ND	5.0	2.6	03/25/21 16:47	
o-Xylene	ug/kg	ND	5.0	2.2	03/25/21 16:47	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/25/21 16:47	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/25/21 16:47	
Styrene	ug/kg	ND	5.0	1.3	03/25/21 16:47	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/25/21 16:47	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/25/21 16:47	
Toluene	ug/kg	ND	5.0	1.4	03/25/21 16:47	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/25/21 16:47	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/25/21 16:47	
Trichloroethene	ug/kg	ND	5.0	1.3	03/25/21 16:47	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/25/21 16:47	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/25/21 16:47	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/25/21 16:47	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/25/21 16:47	
1,2-Dichloroethane-d4 (S)	%	108	70-130		03/25/21 16:47	
4-Bromofluorobenzene (S)	%	108	69-134		03/25/21 16:47	
Toluene-d8 (S)	%	100	70-130		03/25/21 16:47	

LABORATORY CONTROL SAMPLE: 3209718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1250	100	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1130	90	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1120	89	70-130	
1,1-Dichloroethene	ug/kg	1250	1150	92	70-130	
1,1-Dichloropropene	ug/kg	1250	1140	91	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1260	101	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1170	94	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1230	98	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

LABORATORY CONTROL SAMPLE: 3209718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1240	100	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1250	100	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1270	101	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	97	70-130	
1,2-Dichloroethane	ug/kg	1250	1100	88	63-130	
1,2-Dichloropropane	ug/kg	1250	1190	96	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichloropropane	ug/kg	1250	1260	100	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
2,2-Dichloropropane	ug/kg	1250	1090	87	66-130	
2-Butanone (MEK)	ug/kg	2500	2200	88	70-130	
2-Chlorotoluene	ug/kg	1250	1230	98	70-130	
2-Hexanone	ug/kg	2500	2370	95	70-130	
4-Chlorotoluene	ug/kg	1250	1170	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2310	92	70-130	
Acetone	ug/kg	2500	2100	84	69-130	
Benzene	ug/kg	1250	1220	97	70-130	
Bromobenzene	ug/kg	1250	1250	100	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1100	88	69-130	
Bromoform	ug/kg	1250	1290	103	70-130	
Bromomethane	ug/kg	1250	1280	102	52-130	
Carbon tetrachloride	ug/kg	1250	1230	99	70-130	
Chlorobenzene	ug/kg	1250	1220	98	70-130	
Chloroethane	ug/kg	1250	1190	95	65-130	
Chloroform	ug/kg	1250	1050	84	70-130	
Chloromethane	ug/kg	1250	1000	80	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1080	87	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1210	97	70-130	
Dibromochloromethane	ug/kg	1250	1320	106	70-130	
Dibromomethane	ug/kg	1250	1300	104	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	97	45-156	
Diisopropyl ether	ug/kg	1250	1030	82	70-130	
Ethylbenzene	ug/kg	1250	1150	92	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1290	103	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1220	97	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1080	86	70-130	
Methylene Chloride	ug/kg	1250	1100	88	65-130	
n-Butylbenzene	ug/kg	1250	1180	94	67-130	
n-Propylbenzene	ug/kg	1250	1200	96	70-130	
Naphthalene	ug/kg	1250	1230	99	70-130	
o-Xylene	ug/kg	1250	1220	97	70-130	
p-Isopropyltoluene	ug/kg	1250	1210	97	67-130	
sec-Butylbenzene	ug/kg	1250	1180	94	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

LABORATORY CONTROL SAMPLE: 3209718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1140	91	67-130	
Tetrachloroethene	ug/kg	1250	1230	98	70-130	
Toluene	ug/kg	1250	1210	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1100	88	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1190	96	68-130	
Trichloroethene	ug/kg	1250	1230	98	70-130	
Trichlorofluoromethane	ug/kg	1250	1200	96	70-130	
Vinyl acetate	ug/kg	2500	2520	101	70-130	
Vinyl chloride	ug/kg	1250	1120	90	61-130	
Xylene (Total)	ug/kg	3750	3630	97	70-130	
1,2-Dichloroethane-d4 (S)	%			83	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3209720

Parameter	Units	92529547002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	712	747	105	70-131	
1,1,1-Trichloroethane	ug/kg	ND	712	750	105	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	712	738	104	66-130	
1,1,2-Trichloroethane	ug/kg	ND	712	756	106	66-133	
1,1-Dichloroethane	ug/kg	ND	712	679	95	65-130	
1,1-Dichloroethene	ug/kg	ND	712	775	109	10-158	
1,1-Dichloropropene	ug/kg	ND	712	781	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	712	783	110	27-138	
1,2,3-Trichloropropane	ug/kg	ND	712	711	100	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	712	740	104	51-134	
1,2,4-Trimethylbenzene	ug/kg	6.5J	712	742	103	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	712	703	99	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	712	772	109	70-130	
1,2-Dichlorobenzene	ug/kg	ND	712	740	104	69-130	
1,2-Dichloroethane	ug/kg	ND	712	773	109	59-130	
1,2-Dichloropropane	ug/kg	ND	712	798	112	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	712	749	105	65-137	
1,3-Dichlorobenzene	ug/kg	ND	712	710	100	70-130	
1,3-Dichloropropane	ug/kg	ND	712	805	113	70-130	
1,4-Dichlorobenzene	ug/kg	ND	712	720	101	68-130	
2,2-Dichloropropane	ug/kg	ND	712	588	83	32-130	
2-Butanone (MEK)	ug/kg	ND	1420	1470	103	10-136	
2-Chlorotoluene	ug/kg	ND	712	777	109	69-141	
2-Hexanone	ug/kg	ND	1420	1540	108	10-144	
4-Chlorotoluene	ug/kg	ND	712	756	106	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1420	1510	106	25-143	
Acetone	ug/kg	ND	1420	1290	90	10-130	
Benzene	ug/kg	ND	712	789	111	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

MATRIX SPIKE SAMPLE: 3209720		92529547002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	712	737	103	70-130	
Bromochloromethane	ug/kg	ND	712	697	98	69-134	
Bromodichloromethane	ug/kg	ND	712	684	96	64-130	
Bromoform	ug/kg	ND	712	683	96	62-130	
Bromomethane	ug/kg	ND	712	582	82	20-176	
Carbon tetrachloride	ug/kg	ND	712	723	102	65-140	
Chlorobenzene	ug/kg	ND	712	757	106	70-130	
Chloroethane	ug/kg	ND	712	196	27	10-130	
Chloroform	ug/kg	ND	712	690	97	63-130	
Chloromethane	ug/kg	ND	712	793	111	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	712	728	102	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	712	739	104	67-130	
Dibromochloromethane	ug/kg	ND	712	751	105	67-130	
Dibromomethane	ug/kg	ND	712	709	100	63-131	
Dichlorodifluoromethane	ug/kg	ND	712	783	110	44-180	
Diisopropyl ether	ug/kg	ND	712	729	102	63-130	
Ethylbenzene	ug/kg	4.7J	712	739	103	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	712	841	118	64-150	
Isopropylbenzene (Cumene)	ug/kg	4.4J	712	774	108	69-135	
m&p-Xylene	ug/kg	9.6J	1420	1570	110	60-133	
Methyl-tert-butyl ether	ug/kg	ND	712	697	98	65-130	
Methylene Chloride	ug/kg	ND	712	748	105	61-130	
n-Butylbenzene	ug/kg	ND	712	732	103	65-140	
n-Propylbenzene	ug/kg	ND	712	742	104	67-140	
Naphthalene	ug/kg	186	712	977	111	15-145	
o-Xylene	ug/kg	3.7J	712	780	109	66-133	
p-Isopropyltoluene	ug/kg	4.1J	712	754	105	56-147	
sec-Butylbenzene	ug/kg	ND	712	763	107	65-139	
Styrene	ug/kg	ND	712	800	112	70-132	
tert-Butylbenzene	ug/kg	ND	712	727	102	62-135	
Tetrachloroethene	ug/kg	ND	712	719	101	70-135	
Toluene	ug/kg	8.6	712	773	107	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	712	755	106	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	712	712	100	62-130	
Trichloroethene	ug/kg	ND	712	754	106	70-135	
Trichlorofluoromethane	ug/kg	ND	712	217	30	10-130	
Vinyl acetate	ug/kg	ND	1420	1660	117	53-130	
Vinyl chloride	ug/kg	ND	712	737	104	61-148	
Xylene (Total)	ug/kg	13.3J	2130	2350	109	63-132	
1,2-Dichloroethane-d4 (S)	%					122	70-130
4-Bromofluorobenzene (S)	%					109	69-134
Toluene-d8 (S)	%					100	70-130

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

SAMPLE DUPLICATE: 3209719

Parameter	Units	92529547001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	18.6J	20.1J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	183J	243J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	388J	610		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	14.5J	15.4J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

SAMPLE DUPLICATE: 3209719

Parameter	Units	92529547001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	33.2J	35.1J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	237	251	6	30	
o-Xylene	ug/kg	15.5J	15.0J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	67.8	43.4	44	30	D6
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	48.7	ND		30	
1,2-Dichloroethane-d4 (S)	%	93	106			
4-Bromofluorobenzene (S)	%	99	106			
Toluene-d8 (S)	%	100	101			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

QC Batch:	609251	Analysis Method:	EPA 8082A
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

METHOD BLANK: 3208972 Matrix: Solid
Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.7	12.0	03/26/21 13:45	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.7	12.6	03/26/21 13:45	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.7	11.4	03/26/21 13:45	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.7	6.2	03/26/21 13:45	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.7	8.2	03/26/21 13:45	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.7	6.1	03/26/21 13:45	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.7	7.8	03/26/21 13:45	
Decachlorobiphenyl (S)	%	92	10-160		03/26/21 13:45	

LABORATORY CONTROL SAMPLE: 3208973

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	141	85	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	166	135	81	47-139	
Decachlorobiphenyl (S)	%			82	10-160	

MATRIX SPIKE SAMPLE: 3208974

Parameter	Units	92529553018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	192	154	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	192	138	71	10-142	
Decachlorobiphenyl (S)	%				79	10-160	

SAMPLE DUPLICATE: 3208978

Parameter	Units	92529553021 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	69	56			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

QC Batch:	609777	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

METHOD BLANK: 3211636 Matrix: Solid
Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	03/29/21 06:25	
2-Fluorobiphenyl (S)	%	42	31-130		03/29/21 06:25	
Nitrobenzene-d5 (S)	%	41	32-130		03/29/21 06:25	
Terphenyl-d14 (S)	%	76	24-130		03/29/21 06:25	

LABORATORY CONTROL SAMPLE: 3211637

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.1	25.4	77	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			124	32-130	
Terphenyl-d14 (S)	%			134	24-130	S0

MATRIX SPIKE SAMPLE: 3211638

Parameter	Units	92529547002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	53.4	43.6	170	268	10-130	M1
2-Fluorobiphenyl (S)	%				120	31-130	
Nitrobenzene-d5 (S)	%				116	32-130	
Terphenyl-d14 (S)	%				130	24-130	

SAMPLE DUPLICATE: 3211639

Parameter	Units	92529547004 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	3.6J	3.9J		30	
2-Fluorobiphenyl (S)	%	89	85			
Nitrobenzene-d5 (S)	%	110	104			
Terphenyl-d14 (S)	%	122	107			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

QC Batch: 609184 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

METHOD BLANK: 3208552 Matrix: Solid
Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	325	114	03/26/21 09:01	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	325	154	03/26/21 09:01	
2,4,5-Trichlorophenol	ug/kg	ND	325	149	03/26/21 09:01	
2,4,6-Trichlorophenol	ug/kg	ND	325	134	03/26/21 09:01	
2,4-Dichlorophenol	ug/kg	ND	325	127	03/26/21 09:01	
2,4-Dimethylphenol	ug/kg	ND	325	135	03/26/21 09:01	
2,4-Dinitrophenol	ug/kg	ND	1620	1000	03/26/21 09:01	
2,4-Dinitrotoluene	ug/kg	ND	325	125	03/26/21 09:01	
2,6-Dinitrotoluene	ug/kg	ND	325	119	03/26/21 09:01	
2-Chloronaphthalene	ug/kg	ND	325	129	03/26/21 09:01	
2-Chlorophenol	ug/kg	ND	325	122	03/26/21 09:01	
2-Methylnaphthalene	ug/kg	ND	325	130	03/26/21 09:01	
2-Methylphenol(o-Cresol)	ug/kg	ND	325	133	03/26/21 09:01	
2-Nitroaniline	ug/kg	ND	1620	266	03/26/21 09:01	
2-Nitrophenol	ug/kg	ND	325	141	03/26/21 09:01	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	325	131	03/26/21 09:01	
3,3'-Dichlorobenzidine	ug/kg	ND	649	219	03/26/21 09:01	IL
3-Nitroaniline	ug/kg	ND	1620	255	03/26/21 09:01	
4,6-Dinitro-2-methylphenol	ug/kg	ND	649	303	03/26/21 09:01	
4-Bromophenylphenyl ether	ug/kg	ND	325	125	03/26/21 09:01	
4-Chloro-3-methylphenol	ug/kg	ND	649	228	03/26/21 09:01	
4-Chloroaniline	ug/kg	ND	649	255	03/26/21 09:01	
4-Chlorophenylphenyl ether	ug/kg	ND	325	121	03/26/21 09:01	
4-Nitroaniline	ug/kg	ND	649	247	03/26/21 09:01	
4-Nitrophenol	ug/kg	ND	1620	628	03/26/21 09:01	
Acenaphthene	ug/kg	ND	325	114	03/26/21 09:01	
Acenaphthylene	ug/kg	ND	325	114	03/26/21 09:01	
Aniline	ug/kg	ND	325	127	03/26/21 09:01	
Anthracene	ug/kg	ND	325	106	03/26/21 09:01	
Benzo(a)anthracene	ug/kg	ND	325	108	03/26/21 09:01	
Benzo(b)fluoranthene	ug/kg	ND	325	108	03/26/21 09:01	
Benzo(g,h,i)perylene	ug/kg	ND	325	126	03/26/21 09:01	
Benzo(k)fluoranthene	ug/kg	ND	325	114	03/26/21 09:01	
Benzoic Acid	ug/kg	ND	1620	697	03/26/21 09:01	
Benzyl alcohol	ug/kg	ND	649	246	03/26/21 09:01	
bis(2-Chloroethoxy)methane	ug/kg	ND	325	135	03/26/21 09:01	
bis(2-Chloroethyl) ether	ug/kg	ND	325	122	03/26/21 09:01	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	325	126	03/26/21 09:01	
Butylbenzylphthalate	ug/kg	ND	325	137	03/26/21 09:01	
Chrysene	ug/kg	ND	325	118	03/26/21 09:01	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

METHOD BLANK: 3208552

Matrix: Solid

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	325	109	03/26/21 09:01	
Di-n-octylphthalate	ug/kg	ND	325	128	03/26/21 09:01	v1
Dibenz(a,h)anthracene	ug/kg	ND	325	125	03/26/21 09:01	
Dibenzofuran	ug/kg	ND	325	117	03/26/21 09:01	
Diethylphthalate	ug/kg	ND	325	119	03/26/21 09:01	
Dimethylphthalate	ug/kg	ND	325	118	03/26/21 09:01	
Fluoranthene	ug/kg	ND	325	111	03/26/21 09:01	
Fluorene	ug/kg	ND	325	114	03/26/21 09:01	
Hexachlorobenzene	ug/kg	ND	325	127	03/26/21 09:01	
Hexachlorocyclopentadiene	ug/kg	ND	325	186	03/26/21 09:01	v2
Hexachloroethane	ug/kg	ND	325	124	03/26/21 09:01	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	325	128	03/26/21 09:01	
Isophorone	ug/kg	ND	325	145	03/26/21 09:01	
N-Nitroso-di-n-propylamine	ug/kg	ND	325	122	03/26/21 09:01	
N-Nitrosodimethylamine	ug/kg	ND	325	109	03/26/21 09:01	
N-Nitrosodiphenylamine	ug/kg	ND	325	115	03/26/21 09:01	
Nitrobenzene	ug/kg	ND	325	150	03/26/21 09:01	
Pentachlorophenol	ug/kg	ND	649	318	03/26/21 09:01	
Phenanthrene	ug/kg	ND	325	106	03/26/21 09:01	
Phenol	ug/kg	ND	325	145	03/26/21 09:01	v1
Pyrene	ug/kg	ND	325	132	03/26/21 09:01	
Pyridine	ug/kg	ND	325	102	03/26/21 09:01	
2,4,6-Tribromophenol (S)	%	73	18-130		03/26/21 09:01	
2-Fluorobiphenyl (S)	%	76	19-130		03/26/21 09:01	
2-Fluorophenol (S)	%	76	18-130		03/26/21 09:01	
Nitrobenzene-d5 (S)	%	78	21-130		03/26/21 09:01	
Phenol-d6 (S)	%	77	18-130		03/26/21 09:01	
Terphenyl-d14 (S)	%	108	15-130		03/26/21 09:01	

LABORATORY CONTROL SAMPLE: 3208553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1640	1330	81	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1640	1220	74	38-130	
2,4,5-Trichlorophenol	ug/kg	1640	1430	87	49-130	
2,4,6-Trichlorophenol	ug/kg	1640	1310	80	50-130	
2,4-Dichlorophenol	ug/kg	1640	1340	82	51-130	
2,4-Dimethylphenol	ug/kg	1640	1390	85	53-130	
2,4-Dinitrophenol	ug/kg	8200	6580	80	39-130	
2,4-Dinitrotoluene	ug/kg	1640	1510	92	53-130	
2,6-Dinitrotoluene	ug/kg	1640	1510	92	55-130	
2-Chloronaphthalene	ug/kg	1640	1340	81	48-130	
2-Chlorophenol	ug/kg	1640	1310	80	54-130	
2-Methylnaphthalene	ug/kg	1640	1340	82	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

LABORATORY CONTROL SAMPLE: 3208553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1640	1380	84	50-130	
2-Nitroaniline	ug/kg	3280	2930	89	49-130	
2-Nitrophenol	ug/kg	1640	1350	83	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1640	1350	83	50-130	
3,3'-Dichlorobenzidine	ug/kg	3280	2840	87	47-130	IL
3-Nitroaniline	ug/kg	3280	3030	92	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3280	2820	86	50-142	
4-Bromophenylphenyl ether	ug/kg	1640	1400	85	55-130	
4-Chloro-3-methylphenol	ug/kg	3280	2880	88	52-130	
4-Chloroaniline	ug/kg	3280	2730	83	49-130	
4-Chlorophenylphenyl ether	ug/kg	1640	1360	83	53-130	
4-Nitroaniline	ug/kg	3280	3030	92	51-130	
4-Nitrophenol	ug/kg	8200	6780	83	40-130	
Acenaphthene	ug/kg	1640	1390	85	56-130	
Acenaphthylene	ug/kg	1640	1420	87	58-130	
Aniline	ug/kg	1640	1230	75	44-130	
Anthracene	ug/kg	1640	1460	89	60-130	
Benzo(a)anthracene	ug/kg	1640	1600	97	59-130	
Benzo(b)fluoranthene	ug/kg	1640	1500	91	54-130	
Benzo(g,h,i)perylene	ug/kg	1640	1600	97	59-130	
Benzo(k)fluoranthene	ug/kg	1640	1500	91	54-130	
Benzoic Acid	ug/kg	8200	5430	66	19-130	
Benzyl alcohol	ug/kg	3280	2750	84	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1640	1340	82	55-130	
bis(2-Chloroethyl) ether	ug/kg	1640	1330	81	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1640	1610	98	58-130	
Butylbenzylphthalate	ug/kg	1640	1630	99	46-138	
Chrysene	ug/kg	1640	1580	96	57-130	
Di-n-butylphthalate	ug/kg	1640	1500	92	57-130	
Di-n-octylphthalate	ug/kg	1640	1600	97	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1640	1630	99	60-130	
Dibenzofuran	ug/kg	1640	1400	85	54-130	
Diethylphthalate	ug/kg	1640	1500	91	55-130	
Dimethylphthalate	ug/kg	1640	1450	88	57-130	
Fluoranthene	ug/kg	1640	1400	85	57-130	
Fluorene	ug/kg	1640	1440	88	56-130	
Hexachlorobenzene	ug/kg	1640	1380	84	53-130	
Hexachlorocyclopentadiene	ug/kg	1640	837	51	23-130	v3
Hexachloroethane	ug/kg	1640	1230	75	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1640	1620	99	61-130	
Isophorone	ug/kg	1640	1310	80	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1640	1330	81	52-130	
N-Nitrosodimethylamine	ug/kg	1640	1270	77	45-130	
N-Nitrosodiphenylamine	ug/kg	1640	1410	86	56-130	
Nitrobenzene	ug/kg	1640	1350	82	50-130	
Pentachlorophenol	ug/kg	3280	2460	75	33-130	
Phenanthrene	ug/kg	1640	1470	90	60-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

LABORATORY CONTROL SAMPLE: 3208553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1640	1480	90	54-130	v1
Pyrene	ug/kg	1640	1520	93	61-130	
Pyridine	ug/kg	1640	994	61	35-130	
2,4,6-Tribromophenol (S)	%			85	18-130	
2-Fluorobiphenyl (S)	%			80	19-130	
2-Fluorophenol (S)	%			82	18-130	
Nitrobenzene-d5 (S)	%			81	21-130	
Phenol-d6 (S)	%			85	18-130	
Terphenyl-d14 (S)	%			108	15-130	

MATRIX SPIKE SAMPLE: 3208554

Parameter	Units	92529547003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	2580	2010	78	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2580	1940	75	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	2580	2250	87	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	2580	2090	81	23-130	
2,4-Dichlorophenol	ug/kg	ND	2580	2020	78	29-130	
2,4-Dimethylphenol	ug/kg	ND	2580	2010	78	13-130	
2,4-Dinitrophenol	ug/kg	ND	12900	8590	67	10-131	
2,4-Dinitrotoluene	ug/kg	ND	2580	2260	88	28-130	
2,6-Dinitrotoluene	ug/kg	ND	2580	2300	89	36-130	
2-Chloronaphthalene	ug/kg	ND	2580	2120	82	27-130	
2-Chlorophenol	ug/kg	ND	2580	2040	79	29-130	
2-Methylnaphthalene	ug/kg	ND	2580	1960	76	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	2580	2040	79	20-130	
2-Nitroaniline	ug/kg	ND	5150	4460	87	29-130	
2-Nitrophenol	ug/kg	ND	2580	2070	80	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2580	1970	76	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	5150	4630	90	15-130	IL
3-Nitroaniline	ug/kg	ND	5150	4630	90	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	5150	4120	80	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	2580	2290	89	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	5150	4260	83	30-130	
4-Chloroaniline	ug/kg	ND	5150	3860	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	2580	2090	81	32-130	
4-Nitroaniline	ug/kg	ND	5150	4100	80	30-130	
4-Nitrophenol	ug/kg	ND	12900	8960	70	17-130	
Acenaphthene	ug/kg	ND	2580	2170	84	29-130	
Acenaphthylene	ug/kg	ND	2580	2240	87	31-130	
Aniline	ug/kg	ND	2580	1630	63	10-130	
Anthracene	ug/kg	ND	2580	2310	90	33-130	
Benzo(a)anthracene	ug/kg	ND	2580	2570	97	32-130	
Benzo(b)fluoranthene	ug/kg	ND	2580	2410	94	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	2580	2430	94	28-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

MATRIX SPIKE SAMPLE: 3208554		92529547003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	2580	2330	90	31-130	
Benzoic Acid	ug/kg	ND	12900	3760	29	10-130	
Benzyl alcohol	ug/kg	ND	5150	3930	76	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	2580	2000	78	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	2580	2130	83	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2580	2730	106	40-130	
Butylbenzylphthalate	ug/kg	ND	2580	2830	110	40-130	
Chrysene	ug/kg	ND	2580	2480	93	30-130	
Di-n-butylphthalate	ug/kg	ND	2580	2310	89	41-130	
Di-n-octylphthalate	ug/kg	ND	2580	2760	107	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	2580	2570	100	27-130	
Dibenzofuran	ug/kg	ND	2580	2170	84	32-130	
Diethylphthalate	ug/kg	ND	2580	2260	88	40-130	
Dimethylphthalate	ug/kg	ND	2580	2250	87	37-130	
Fluoranthene	ug/kg	ND	2580	2190	81	26-130	
Fluorene	ug/kg	ND	2580	2190	85	31-130	
Hexachlorobenzene	ug/kg	ND	2580	2240	87	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	2580	893	35	10-130	v3
Hexachloroethane	ug/kg	ND	2580	1960	76	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2580	2530	98	28-130	
Isophorone	ug/kg	ND	2580	1970	76	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	2580	2060	80	31-130	
N-Nitrosodimethylamine	ug/kg	ND	2580	1950	76	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	2580	2360	92	32-130	
Nitrobenzene	ug/kg	ND	2580	2080	81	25-130	
Pentachlorophenol	ug/kg	ND	5150	3950	77	10-130	
Phenanthrene	ug/kg	ND	2580	2320	90	34-130	
Phenol	ug/kg	ND	2580	2120	82	14-130	v1
Pyrene	ug/kg	ND	2580	2800	105	31-130	
Pyridine	ug/kg	ND	2580	1420	55	10-130	
2,4,6-Tribromophenol (S)	%				84	18-130	
2-Fluorobiphenyl (S)	%				74	19-130	
2-Fluorophenol (S)	%				76	18-130	
Nitrobenzene-d5 (S)	%				76	21-130	
Phenol-d6 (S)	%				74	18-130	
Terphenyl-d14 (S)	%				113	15-130	

SAMPLE DUPLICATE: 3208555

Parameter	Units	92529547007 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	766		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

SAMPLE DUPLICATE: 3208555

Parameter	Units	92529547007 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	1240		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	352J		30	
Benzo(a)anthracene	ug/kg	193J	953		30	
Benzo(b)fluoranthene	ug/kg	217J	887		30	
Benzo(g,h,i)perylene	ug/kg	ND	365J		30	
Benzo(k)fluoranthene	ug/kg	ND	383J		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	814		30	
Di-n-butylphthalate	ug/kg	ND	423J		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	v1
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	270J	1730		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	v2
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	336J		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

SAMPLE DUPLICATE: 3208555

Parameter	Units	92529547007 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	838		30	
Phenol	ug/kg	ND	ND		30 v1	
Pyrene	ug/kg	302J	1500		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	62	62			
2-Fluorobiphenyl (S)	%	50	32			
2-Fluorophenol (S)	%	51	31			
Nitrobenzene-d5 (S)	%	55	35			
Phenol-d6 (S)	%	47	35			
Terphenyl-d14 (S)	%	96	90			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529547

QC Batch:	609252	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529547001, 92529547002, 92529547003, 92529547004, 92529547005, 92529547006, 92529547007

SAMPLE DUPLICATE: 3208983

Parameter	Units	92529348001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.4	13.0	3	25	N2

SAMPLE DUPLICATE: 3208984

Parameter	Units	92529450002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	28.0	28.0	0	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529547

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529547001	DA4-SB-4_SE_0-0.6_20210323	EPA 3546	609251	EPA 8082A	609477
92529547002	DA4-SB-4_SE_3-4_20210323	EPA 3546	609251	EPA 8082A	609477
92529547003	DA4-SB-4B_SE_0-0.6_20210323	EPA 3546	609251	EPA 8082A	609477
92529547004	DA4-SB-4B_SE_3-4_20210323	EPA 3546	609251	EPA 8082A	609477
92529547005	DA4-SB-4A_SE_0-0.6_20210323	EPA 3546	609251	EPA 8082A	609477
92529547006	DA4-SB-4A_SE_3-4_20210323	EPA 3546	609251	EPA 8082A	609477
92529547007	FD-1_SE_20210323	EPA 3546	609251	EPA 8082A	609477
92529547001	DA4-SB-4_SE_0-0.6_20210323	EPA 3546	609777	EPA 8270E	609852
92529547002	DA4-SB-4_SE_3-4_20210323	EPA 3546	609777	EPA 8270E	609852
92529547003	DA4-SB-4B_SE_0-0.6_20210323	EPA 3546	609777	EPA 8270E	609852
92529547004	DA4-SB-4B_SE_3-4_20210323	EPA 3546	609777	EPA 8270E	609852
92529547005	DA4-SB-4A_SE_0-0.6_20210323	EPA 3546	609777	EPA 8270E	609852
92529547006	DA4-SB-4A_SE_3-4_20210323	EPA 3546	609777	EPA 8270E	609852
92529547007	FD-1_SE_20210323	EPA 3546	609777	EPA 8270E	609852
92529547001	DA4-SB-4_SE_0-0.6_20210323	EPA 3546	609184	EPA 8270E	609466
92529547002	DA4-SB-4_SE_3-4_20210323	EPA 3546	609184	EPA 8270E	609466
92529547003	DA4-SB-4B_SE_0-0.6_20210323	EPA 3546	609184	EPA 8270E	609466
92529547004	DA4-SB-4B_SE_3-4_20210323	EPA 3546	609184	EPA 8270E	609466
92529547005	DA4-SB-4A_SE_0-0.6_20210323	EPA 3546	609184	EPA 8270E	609466
92529547006	DA4-SB-4A_SE_3-4_20210323	EPA 3546	609184	EPA 8270E	609466
92529547007	FD-1_SE_20210323	EPA 3546	609184	EPA 8270E	609466
92529547008	TRIP BLANK	EPA 8260D	609283		
92529547001	DA4-SB-4_SE_0-0.6_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547002	DA4-SB-4_SE_3-4_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547003	DA4-SB-4B_SE_0-0.6_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547004	DA4-SB-4B_SE_3-4_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547005	DA4-SB-4A_SE_0-0.6_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547006	DA4-SB-4A_SE_3-4_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547007	FD-1_SE_20210323	EPA 5035A/5030B	609352	EPA 8260D	609495
92529547001	DA4-SB-4_SE_0-0.6_20210323	SW-846	609252		
92529547002	DA4-SB-4_SE_3-4_20210323	SW-846	609252		
92529547003	DA4-SB-4B_SE_0-0.6_20210323	SW-846	609252		
92529547004	DA4-SB-4B_SE_3-4_20210323	SW-846	609252		
92529547005	DA4-SB-4A_SE_0-0.6_20210323	SW-846	609252		
92529547006	DA4-SB-4A_SE_3-4_20210323	SW-846	609252		
92529547007	FD-1_SE_20210323	SW-846	609252		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: Synterra

Project #: **WO# : 92529547**



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-25-21
AMF

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 927064 Type of Ice: Wet Blue None

Cooler Temp: 4.1 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

Comments/Discrepancy:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
Includes Date/Time/ID/Analysis Matrix: <u>SL</u>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Custody Seal on trip blank present but broken

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____

Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92529547

PM: KLH1

Due Date: 03/31/21

CLIENT: 92-Duke Ener

Item#	BP4U-1.25 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-1.25 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-1.25 mL Plastic Zn Acetate & NaOH (>9)	BP4C-1.25 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-1.25 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.)

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
 Required Client Information:
 Company: **Synterra**
 Address: **148 River Street**
 Suite **220, Greenville, SC 29601**
 Email To: **kking@synterracorp.com**
 Phone: _____ Fax: _____
 Requested Due Date: **Standard TAT**

Section B
 Required Project Information:
 Report To: **Tom King**
 Copy To: **Heather Smith**
 Purchase Order #: _____
 Project Name: **Former Bramlette MGP**
 Project Number: **00 2731.00.04**

Section C
 Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: **Kevin Herring**
 Pace Profile #: **7754**

Regulatory Agency
 State / Location: **SC**

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test		Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS	
			START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other				Y/N
1	DA4-SB-4_SE-0-0-6_20210323	SL C	3/23/2021 1405			5												
2	DA4-SB-4_SE-3-4_20210323	SL C	3/23/2021 1425			5												
3	DA4-SB-4B_SE-0-0-6_20210323	SL C	3/23/2021 1440			5												
4	DA4-SB-4B_SE-3-4_20210323	SL C	3/23/2021 1515			5												
5	DA4-SB-4A_SE-0-0-6_20210323	SL C	3/23/2021 1435			5												
6	DA4-SB-4A_SE-3-4_20210323	SL C	3/23/2021 1555			5												
7	FD-1_SE_20210323	SL C	3/23/2021 1600			5												
8	TRIP BLANK	WT -				2												
9																		
10																		
11																		
12																		
ADDITIONAL COMMENTS			RELINQUISHED BY / AFFILIATION			DATE	TIME	ACCEPTED BY / AFFILIATION			DATE	TIME	TEMP in C			Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
			Tom King / Synterra			3/23/21	1630	Tom King / Synterra Cold Storage			3/23/21	1630						
			Tom King / Synterra			3/24/21	1100	Tom King / Synterra Cold Storage			3/24/21	1100						
			Tom King / Synterra			3/24/21	1145	Tom King / Synterra Cold Storage			3/24/21	1145						
			Tom King / Synterra			3/24/21	1325	A.Rucker / PACE HVL			3/24/21	1320						

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: **Tom King**
 SIGNATURE of SAMPLER: *[Signature]* DATE Signed: **3/23/21**

TEMP in C
 Received on ice (Y/N)
 Custody Sealed Cooler (Y/N)
 Samples Intact (Y/N)

A.Rucker / PACE HVL 3-24-21 1830
Tom King / Synterra Cold Storage 3-24-21 1100
Tom King / Synterra Cold Storage 3-24-21 1145
A.Rucker / PACE HVL 3-25-21 800 AM
Y N Y

April 01, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 25, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92529815001	DA4-SB-5_SE_0-0.6-20210324	Solid	03/24/21 09:00	03/25/21 12:21
92529815002	DA4-SB-5_SE_6-7-20210324	Solid	03/24/21 09:40	03/25/21 12:21
92529815003	DA4-SB-5A_SE_0-0.6-20210324	Solid	03/24/21 10:50	03/25/21 12:21
92529815004	DA4-SB-5A_SE_2-2.5-20210324	Solid	03/24/21 11:10	03/25/21 12:21
92529815005	DA4-SB-5B_SE_0-0.6-20210324	Solid	03/24/21 10:00	03/25/21 12:21
92529815006	DA4-SB-5B_SE_2-2.5-20210324	Solid	03/24/21 10:30	03/25/21 12:21
92529815007	DA4-SB-6_SE_0-0.6-20210324	Solid	03/24/21 13:00	03/25/21 12:21
92529815008	DA4-SB-6_SE_4-5-20210324	Solid	03/24/21 13:40	03/25/21 12:21
92529815009	DA4-SB-6A_SE_0-0.6-20210324	Solid	03/24/21 14:45	03/25/21 12:21
92529815010	DA4-SB-6A_SE_2-2.5-20210324	Solid	03/24/21 15:15	03/25/21 12:21
92529815011	DA4-SB-6B_SE_0-0.6-20210324	Solid	03/24/21 14:00	03/25/21 12:21
92529815012	DA4-SB-6B_SE_2-2.5-20210324	Solid	03/24/21 14:30	03/25/21 12:21
92529815013	DA4-SB-7_SE_0-0.6-20210324	Solid	03/24/21 15:45	03/25/21 12:21
92529815014	DA4-SB-7_SE_5-6-20210324	Solid	03/24/21 16:15	03/25/21 12:21
92529815015	EB-1_WQ_20210324	Water	03/24/21 16:30	03/25/21 12:21

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529815001	DA4-SB-5_SE_0-0.6-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815002	DA4-SB-5_SE_6-7-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815003	DA4-SB-5A_SE_0-0.6-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815004	DA4-SB-5A_SE_2-2.5-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815005	DA4-SB-5B_SE_0-0.6-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815006	DA4-SB-5B_SE_2-2.5-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815007	DA4-SB-6_SE_0-0.6-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815008	DA4-SB-6_SE_4-5-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529815009	DA4-SB-6A_SE_0-0.6-20210324	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
92529815010	DA4-SB-6A_SE_2-2.5-20210324	SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
92529815011	DA4-SB-6B_SE_0-0.6-20210324	EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
92529815012	DA4-SB-6B_SE_2-2.5-20210324	EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92529815013	DA4-SB-7_SE_0-0.6-20210324	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
92529815014	DA4-SB-7_SE_5-6-20210324	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
92529815015	EB-1_WQ_20210324	SW-846	KDF	1	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8260D	PM1	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92529815001	DA4-SB-5_SE_0-0.6-20210324					
EPA 8082A	PCB-1260 (Aroclor 1260)	109	ug/kg	72.9	03/28/21 13:16	
EPA 8270E	Benzo(a)pyrene	3380	ug/kg	109	03/30/21 13:17	
EPA 8270E	Acenaphthylene	637J	ug/kg	729	03/29/21 15:39	
EPA 8270E	Anthracene	1590	ug/kg	729	03/29/21 15:39	
EPA 8270E	Benzo(a)anthracene	5300	ug/kg	729	03/29/21 15:39	
EPA 8270E	Benzo(b)fluoranthene	5350	ug/kg	729	03/29/21 15:39	
EPA 8270E	Benzo(g,h,i)perylene	2750	ug/kg	729	03/29/21 15:39	
EPA 8270E	Benzo(k)fluoranthene	2310	ug/kg	729	03/29/21 15:39	
EPA 8270E	Chrysene	4610	ug/kg	729	03/29/21 15:39	
EPA 8270E	Dibenz(a,h)anthracene	773	ug/kg	729	03/29/21 15:39	
EPA 8270E	Fluoranthene	8130	ug/kg	1460	03/30/21 13:38	
EPA 8270E	Fluorene	394J	ug/kg	729	03/29/21 15:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	2490	ug/kg	729	03/29/21 15:39	
EPA 8270E	Phenanthrene	3340	ug/kg	729	03/29/21 15:39	
EPA 8270E	Pyrene	8440	ug/kg	1460	03/30/21 13:38	
EPA 8260D	Acetone	251J	ug/kg	374	03/26/21 19:35	
EPA 8260D	2-Butanone (MEK)	160J	ug/kg	374	03/26/21 19:35	
EPA 8260D	Chloroform	17.0J	ug/kg	18.7	03/26/21 19:35	1g
EPA 8260D	Ethylbenzene	14.6J	ug/kg	18.7	03/26/21 19:35	
EPA 8260D	p-Isopropyltoluene	13.3J	ug/kg	18.7	03/26/21 19:35	
EPA 8260D	Naphthalene	268	ug/kg	18.7	03/26/21 19:35	
EPA 8260D	Toluene	34.5	ug/kg	18.7	03/26/21 19:35	
EPA 8260D	1,2,4-Trimethylbenzene	21.2	ug/kg	18.7	03/26/21 19:35	
EPA 8260D	Xylene (Total)	50.8	ug/kg	37.4	03/26/21 19:35	
EPA 8260D	m&p-Xylene	33.9J	ug/kg	37.4	03/26/21 19:35	
EPA 8260D	o-Xylene	16.9J	ug/kg	18.7	03/26/21 19:35	
SW-846	Percent Moisture	54.1	%	0.10	03/26/21 17:37	N2
92529815002	DA4-SB-5_SE_6-7-20210324					
EPA 8270E	Benzo(a)pyrene	179	ug/kg	14.4	03/30/21 07:48	
EPA 8260D	Acetone	91.5J	ug/kg	169	03/26/21 20:11	
EPA 8260D	Chloroform	7.5J	ug/kg	8.5	03/26/21 20:11	1g
EPA 8260D	Ethylbenzene	6.2J	ug/kg	8.5	03/26/21 20:11	
EPA 8260D	Naphthalene	523	ug/kg	8.5	03/26/21 20:11	
EPA 8260D	Toluene	5.0J	ug/kg	8.5	03/26/21 20:11	
EPA 8260D	1,2,4-Trimethylbenzene	12.4	ug/kg	8.5	03/26/21 20:11	
EPA 8260D	1,3,5-Trimethylbenzene	7.3J	ug/kg	8.5	03/26/21 20:11	
EPA 8260D	Xylene (Total)	10.5J	ug/kg	16.9	03/26/21 20:11	
EPA 8260D	m&p-Xylene	10.5J	ug/kg	16.9	03/26/21 20:11	
SW-846	Percent Moisture	30.3	%	0.10	03/26/21 17:37	N2
92529815003	DA4-SB-5A_SE_0-0.6-20210324					
EPA 8270E	Benzo(a)pyrene	696	ug/kg	16.1	03/30/21 08:09	M1
EPA 8270E	Acenaphthylene	281J	ug/kg	522	03/29/21 16:35	
EPA 8270E	Anthracene	773	ug/kg	522	03/29/21 16:35	
EPA 8270E	Benzo(a)anthracene	1330	ug/kg	522	03/29/21 16:35	
EPA 8270E	Benzo(b)fluoranthene	1170	ug/kg	522	03/29/21 16:35	
EPA 8270E	Benzo(g,h,i)perylene	542	ug/kg	522	03/29/21 16:35	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92529815003	DA4-SB-5A_SE_0-0.6-20210324					
EPA 8270E	Benzo(k)fluoranthene	461J	ug/kg	522	03/29/21 16:35	
EPA 8270E	Chrysene	1130	ug/kg	522	03/29/21 16:35	
EPA 8270E	Fluoranthene	2630	ug/kg	522	03/29/21 16:35	
EPA 8270E	Fluorene	331J	ug/kg	522	03/29/21 16:35	
EPA 8270E	Indeno(1,2,3-cd)pyrene	507J	ug/kg	522	03/29/21 16:35	
EPA 8270E	Phenanthrene	2810	ug/kg	522	03/29/21 16:35	
EPA 8270E	Pyrene	2510	ug/kg	522	03/29/21 16:35	
EPA 8260D	Acetone	98.1J	ug/kg	205	03/30/21 02:47	
EPA 8260D	Chloroform	13.6	ug/kg	10.3	03/30/21 02:47	1g,B
EPA 8260D	Ethylbenzene	11.0	ug/kg	10.3	03/30/21 02:47	
EPA 8260D	Naphthalene	40.0	ug/kg	10.3	03/30/21 02:47	
EPA 8260D	Toluene	33.7	ug/kg	10.3	03/30/21 02:47	
EPA 8260D	1,2,4-Trimethylbenzene	8.8J	ug/kg	10.3	03/30/21 02:47	
EPA 8260D	Xylene (Total)	45.4	ug/kg	20.5	03/30/21 02:47	
EPA 8260D	m&p-Xylene	33.9	ug/kg	20.5	03/30/21 02:47	
EPA 8260D	o-Xylene	11.5	ug/kg	10.3	03/30/21 02:47	
SW-846	Percent Moisture	37.2	%	0.10	03/26/21 17:37	N2
92529815004	DA4-SB-5A_SE_2-2.5-20210324					
EPA 8270E	Benzo(a)pyrene	62.3	ug/kg	16.8	03/30/21 08:53	D6
EPA 8260D	Chloroform	9.7J	ug/kg	11.9	03/26/21 20:47	1g
SW-846	Percent Moisture	41.0	%	0.10	03/26/21 17:37	N2
92529815005	DA4-SB-5B_SE_0-0.6-20210324					
EPA 8270E	Benzo(a)pyrene	1010	ug/kg	16.1	03/30/21 09:37	
EPA 8260D	Chloroform	8.9J	ug/kg	11.8	03/26/21 21:05	1g
SW-846	Percent Moisture	38.2	%	0.10	03/26/21 17:37	N2
92529815006	DA4-SB-5B_SE_2-2.5-20210324					
EPA 8270E	Benzo(a)pyrene	3.7J	ug/kg	14.8	03/30/21 09:59	
EPA 8260D	Chloroform	6.6J	ug/kg	8.0	03/26/21 21:23	1g
SW-846	Percent Moisture	31.4	%	0.10	03/26/21 17:37	N2
92529815007	DA4-SB-6_SE_0-0.6-20210324					
EPA 8082A	PCB-1260 (Aroclor 1260)	228	ug/kg	87.5	03/28/21 14:42	
EPA 8270E	Benzo(a)pyrene	3600	ug/kg	132	03/30/21 13:39	
EPA 8270E	Acenaphthene	794J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Acenaphthylene	501J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Anthracene	1500	ug/kg	883	03/29/21 18:26	
EPA 8270E	Benzo(a)anthracene	2990	ug/kg	883	03/29/21 18:26	
EPA 8270E	Benzo(b)fluoranthene	2900	ug/kg	883	03/29/21 18:26	
EPA 8270E	Benzo(g,h,i)perylene	1430	ug/kg	883	03/29/21 18:26	
EPA 8270E	Benzo(k)fluoranthene	1180	ug/kg	883	03/29/21 18:26	
EPA 8270E	Chrysene	2570	ug/kg	883	03/29/21 18:26	
EPA 8270E	Dibenz(a,h)anthracene	360J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Dibenzofuran	457J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Fluoranthene	5320	ug/kg	883	03/29/21 18:26	
EPA 8270E	Fluorene	865J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1250	ug/kg	883	03/29/21 18:26	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92529815007	DA4-SB-6_SE_0-0.6-20210324					
EPA 8270E	1-Methylnaphthalene	315J	ug/kg	883	03/29/21 18:26	
EPA 8270E	Phenanthrene	3070	ug/kg	883	03/29/21 18:26	
EPA 8270E	Pyrene	5830	ug/kg	883	03/29/21 18:26	
EPA 8260D	Acetone	301J	ug/kg	492	03/26/21 21:41	
EPA 8260D	Benzene	37.8	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	2-Butanone (MEK)	124J	ug/kg	492	03/26/21 21:41	
EPA 8260D	Chloroform	19.4J	ug/kg	24.6	03/26/21 21:41	1g
EPA 8260D	Ethylbenzene	63.7	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	Isopropylbenzene (Cumene)	26.0	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	p-Isopropyltoluene	83.2	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	Naphthalene	9390	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	Toluene	98.6	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	1,2,4-Trimethylbenzene	449	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	1,3,5-Trimethylbenzene	228	ug/kg	24.6	03/26/21 21:41	
EPA 8260D	Xylene (Total)	367	ug/kg	49.2	03/26/21 21:41	
EPA 8260D	m&p-Xylene	240	ug/kg	49.2	03/26/21 21:41	
EPA 8260D	o-Xylene	127	ug/kg	24.6	03/26/21 21:41	
SW-846	Percent Moisture	62.0	%	0.10	03/26/21 17:37	N2
92529815008	DA4-SB-6_SE_4-5-20210324					
EPA 8270E	Benzo(a)pyrene	265	ug/kg	13.5	03/30/21 10:43	
EPA 8270E	Benzo(a)anthracene	174J	ug/kg	458	03/29/21 18:54	
EPA 8270E	Fluoranthene	303J	ug/kg	458	03/29/21 18:54	
EPA 8270E	Phenanthrene	349J	ug/kg	458	03/29/21 18:54	
EPA 8270E	Pyrene	368J	ug/kg	458	03/29/21 18:54	
EPA 8260D	Chloroform	5.8J	ug/kg	8.1	03/26/21 21:59	1g
EPA 8260D	Ethylbenzene	5.5J	ug/kg	8.1	03/26/21 21:59	
EPA 8260D	Naphthalene	311	ug/kg	8.1	03/26/21 21:59	
EPA 8260D	Toluene	5.1J	ug/kg	8.1	03/26/21 21:59	
EPA 8260D	1,2,4-Trimethylbenzene	7.6J	ug/kg	8.1	03/26/21 21:59	
EPA 8260D	1,3,5-Trimethylbenzene	5.5J	ug/kg	8.1	03/26/21 21:59	
SW-846	Percent Moisture	26.7	%	0.10	03/26/21 17:37	N2
92529815009	DA4-SB-6A_SE_0-0.6-20210324					
EPA 8270E	Benzo(a)pyrene	49.4	ug/kg	16.0	03/30/21 11:05	
EPA 8270E	Benzo(a)anthracene	283J	ug/kg	535	03/29/21 13:11	
EPA 8270E	Benzo(b)fluoranthene	300J	ug/kg	535	03/29/21 13:11	
EPA 8270E	Chrysene	258J	ug/kg	535	03/29/21 13:11	
EPA 8270E	Fluoranthene	607	ug/kg	535	03/29/21 13:11	
EPA 8270E	Phenanthrene	336J	ug/kg	535	03/29/21 13:11	
EPA 8270E	Pyrene	598	ug/kg	535	03/29/21 13:11	
EPA 8260D	Benzene	7.3J	ug/kg	9.5	03/30/21 03:23	
EPA 8260D	Chloroform	13.2	ug/kg	9.5	03/30/21 03:23	1g,B
EPA 8260D	Ethylbenzene	8.1J	ug/kg	9.5	03/30/21 03:23	
EPA 8260D	Naphthalene	55.6	ug/kg	9.5	03/30/21 03:23	
EPA 8260D	Toluene	33.1	ug/kg	9.5	03/30/21 03:23	
EPA 8260D	1,2,4-Trimethylbenzene	8.6J	ug/kg	9.5	03/30/21 03:23	
EPA 8260D	Xylene (Total)	39.7	ug/kg	19.0	03/30/21 03:23	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92529815009	DA4-SB-6A_SE_0-0.6-20210324					
EPA 8260D	m&p-Xylene	28.0	ug/kg	19.0	03/30/21 03:23	
EPA 8260D	o-Xylene	11.7	ug/kg	9.5	03/30/21 03:23	
SW-846	Percent Moisture	37.3	%	0.10	03/26/21 17:37	N2
92529815010	DA4-SB-6A_SE_2-2.5-20210324					
EPA 8260D	Chloroform	7.1J	ug/kg	7.3	03/26/21 22:36	1g
SW-846	Percent Moisture	23.7	%	0.10	03/26/21 17:38	N2
92529815011	DA4-SB-6B_SE_0-0.6-20210324					
EPA 8270E	Benzo(a)pyrene	334	ug/kg	17.2	03/30/21 11:49	
EPA 8260D	Chloroform	8.9J	ug/kg	11.7	03/26/21 22:54	1g
SW-846	Percent Moisture	41.4	%	0.10	03/26/21 17:38	N2
92529815012	DA4-SB-6B_SE_2-2.5-20210324					
EPA 8260D	Chloroform	8.4J	ug/kg	10.1	03/26/21 23:12	1g
SW-846	Percent Moisture	34.0	%	0.10	03/26/21 17:38	N2
92529815013	DA4-SB-7_SE_0-0.6-20210324					
EPA 8082A	PCB-1260 (Aroclor 1260)	189	ug/kg	65.3	03/28/21 16:08	
EPA 8270E	Benzo(a)pyrene	12200	ug/kg	396	03/30/21 14:01	
EPA 8270E	Acenaphthene	1920	ug/kg	657	03/30/21 14:05	
EPA 8270E	Acenaphthylene	1990	ug/kg	657	03/30/21 14:05	
EPA 8270E	Anthracene	3830	ug/kg	657	03/30/21 14:05	
EPA 8270E	Benzo(b)fluoranthene	11100	ug/kg	3290	03/30/21 14:36	
EPA 8270E	Benzo(g,h,i)perylene	5670	ug/kg	657	03/30/21 14:05	
EPA 8270E	Benzo(k)fluoranthene	3870	ug/kg	3290	03/30/21 14:36	
EPA 8270E	Chrysene	9090	ug/kg	3290	03/30/21 14:36	
EPA 8270E	Dibenz(a,h)anthracene	1800	ug/kg	657	03/30/21 14:05	
EPA 8270E	Dibenzofuran	1190	ug/kg	657	03/30/21 14:05	
EPA 8270E	Fluoranthene	16300	ug/kg	3290	03/30/21 14:36	
EPA 8270E	Fluorene	1980	ug/kg	657	03/30/21 14:05	
EPA 8270E	Indeno(1,2,3-cd)pyrene	5380	ug/kg	657	03/30/21 14:05	
EPA 8270E	1-Methylnaphthalene	942	ug/kg	657	03/30/21 14:05	
EPA 8270E	2-Methylnaphthalene	1340	ug/kg	657	03/30/21 14:05	
EPA 8270E	3&4-Methylphenol(m&p Cresol)	329J	ug/kg	657	03/30/21 14:05	
EPA 8270E	Phenanthrene	7400	ug/kg	3290	03/30/21 14:36	
EPA 8270E	Pyrene	17000	ug/kg	3290	03/30/21 14:36	
EPA 8260D	Benzene	86.6	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Chloroform	53.7J	ug/kg	66.0	03/27/21 03:07	1g
EPA 8260D	Ethylbenzene	143	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Isopropylbenzene (Cumene)	102	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	p-Isopropyltoluene	265	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Naphthalene	58600	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Styrene	38.6J	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Toluene	165	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	1,2,4-Trimethylbenzene	1650	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	1,3,5-Trimethylbenzene	893	ug/kg	66.0	03/27/21 03:07	
EPA 8260D	Xylene (Total)	712	ug/kg	132	03/27/21 03:07	
EPA 8260D	m&p-Xylene	472	ug/kg	132	03/27/21 03:07	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92529815013	DA4-SB-7_SE_0-0.6-20210324					
EPA 8260D	o-Xylene	240	ug/kg	66.0	03/27/21 03:07	
SW-846	Percent Moisture	49.1	%	0.10	03/26/21 17:38	N2
92529815014	DA4-SB-7_SE_5-6-20210324					
EPA 8270E	Benzo(a)pyrene	162	ug/kg	14.9	03/30/21 12:55	
EPA 8270E	Acenaphthene	321J	ug/kg	495	03/29/21 15:53	
EPA 8270E	Fluoranthene	316J	ug/kg	495	03/29/21 15:53	
EPA 8270E	1-Methylnaphthalene	309J	ug/kg	495	03/29/21 15:53	
EPA 8270E	2-Methylnaphthalene	275J	ug/kg	495	03/29/21 15:53	
EPA 8270E	Phenanthrene	431J	ug/kg	495	03/29/21 15:53	
EPA 8270E	Pyrene	255J	ug/kg	495	03/29/21 15:53	
EPA 8260D	Chloroform	8.1J	ug/kg	9.1	03/26/21 23:30	1g
EPA 8260D	Isopropylbenzene (Cumene)	7.3J	ug/kg	9.1	03/26/21 23:30	
EPA 8260D	Naphthalene	198	ug/kg	9.1	03/26/21 23:30	
SW-846	Percent Moisture	33.8	%	0.10	03/26/21 17:38	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: April 01, 2021

General Information:

14 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

General Information:

1 sample was analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610114

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529686001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3212858)
 - 2,4-Dinitrophenol
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3212858)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 4,6-Dinitro-2-methylphenol
 - Pentachlorophenol

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 01, 2021

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 01, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 609903

S0: Surrogate recovery outside laboratory control limits.

- DA4-SB-5A_SE_2-2.5-20210324 (Lab ID: 92529815004)
 - Terphenyl-d14 (S)
- DA4-SB-5B_SE_0-0.6-20210324 (Lab ID: 92529815005)
 - Terphenyl-d14 (S)
- DA4-SB-6B_SE_0-0.6-20210324 (Lab ID: 92529815011)
 - Terphenyl-d14 (S)
- DA4-SB-7_SE_5-6-20210324 (Lab ID: 92529815014)
 - Terphenyl-d14 (S)
- DUP (Lab ID: 3212085)
 - Terphenyl-d14 (S)
- MS (Lab ID: 3212084)
 - 2-Fluorobiphenyl (S)
 - Nitrobenzene-d5 (S)
 - Terphenyl-d14 (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3212082)
 - Terphenyl-d14 (S)
- DA4-SB-5B_SE_2-2.5-20210324 (Lab ID: 92529815006)
 - Terphenyl-d14 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 01, 2021

QC Batch: 609903

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- DA4-SB-6A_SE_2-2.5-20210324 (Lab ID: 92529815010)
 - Terphenyl-d14 (S)
- DA4-SB-6B_SE_2-2.5-20210324 (Lab ID: 92529815012)
 - Terphenyl-d14 (S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-7_SE_0-0.6-20210324 (Lab ID: 92529815013)
 - 2-Fluorobiphenyl (S)
 - Nitrobenzene-d5 (S)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609903

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529815003

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3212084)
 - Benzo(a)pyrene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 609903

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 3212085)
 - Benzo(a)pyrene

Additional Comments:

Analyte Comments:

QC Batch: 609903

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-7_SE_0-0.6-20210324 (Lab ID: 92529815013)
 - 2-Fluorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 01, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609779

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3211646)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-5A_SE_0-0.6-20210324 (Lab ID: 92529815003)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-5A_SE_2-2.5-20210324 (Lab ID: 92529815004)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-5B_SE_0-0.6-20210324 (Lab ID: 92529815005)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-5B_SE_2-2.5-20210324 (Lab ID: 92529815006)
 - 2,2'-Oxybis(1-chloropropane)
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609779

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- N-Nitroso-di-n-propylamine
- bis(2-Ethylhexyl)phthalate
- DA4-SB-5_SE_0-0.6-20210324 (Lab ID: 92529815001)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-5_SE_6-7-20210324 (Lab ID: 92529815002)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-6A_SE_0-0.6-20210324 (Lab ID: 92529815009)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Isophorone
 - N-Nitroso-di-n-propylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-6A_SE_2-2.5-20210324 (Lab ID: 92529815010)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Isophorone
 - N-Nitroso-di-n-propylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-6B_SE_0-0.6-20210324 (Lab ID: 92529815011)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Isophorone
 - N-Nitroso-di-n-propylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-6B_SE_2-2.5-20210324 (Lab ID: 92529815012)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - 4-Nitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609779

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Butylbenzylphthalate
- Di-n-octylphthalate
- Isophorone
- N-Nitroso-di-n-propylamine
- bis(2-Ethylhexyl)phthalate
- DA4-SB-6_SE_0-0.6-20210324 (Lab ID: 92529815007)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-6_SE_4-5-20210324 (Lab ID: 92529815008)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-7_SE_0-0.6-20210324 (Lab ID: 92529815013)
 - 2,2'-Oxybis(1-chloropropane)
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitroso-di-n-propylamine
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-7_SE_5-6-20210324 (Lab ID: 92529815014)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - 4-Nitrophenol
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Isophorone
 - N-Nitroso-di-n-propylamine
 - bis(2-Ethylhexyl)phthalate
- DUP (Lab ID: 3211649)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- LCS (Lab ID: 3211647)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - N-Nitrosodimethylamine
 - bis(2-Ethylhexyl)phthalate
- MS (Lab ID: 3211648)
 - Butylbenzylphthalate

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609779

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Di-n-octylphthalate
- N-Nitrosodimethylamine
- bis(2-Ethylhexyl)phthalate

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3211646)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-5A_SE_0-0.6-20210324 (Lab ID: 92529815003)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-5A_SE_2-2.5-20210324 (Lab ID: 92529815004)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-5B_SE_0-0.6-20210324 (Lab ID: 92529815005)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-5B_SE_2-2.5-20210324 (Lab ID: 92529815006)
 - Hexachlorocyclopentadiene
- DA4-SB-5_SE_0-0.6-20210324 (Lab ID: 92529815001)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-5_SE_6-7-20210324 (Lab ID: 92529815002)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-6A_SE_0-0.6-20210324 (Lab ID: 92529815009)
 - Hexachlorocyclopentadiene
- DA4-SB-6A_SE_2-2.5-20210324 (Lab ID: 92529815010)
 - Hexachlorocyclopentadiene
- DA4-SB-6B_SE_0-0.6-20210324 (Lab ID: 92529815011)
 - Hexachlorocyclopentadiene
- DA4-SB-6B_SE_2-2.5-20210324 (Lab ID: 92529815012)
 - Hexachlorocyclopentadiene
- DA4-SB-6_SE_0-0.6-20210324 (Lab ID: 92529815007)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-6_SE_4-5-20210324 (Lab ID: 92529815008)
 - Aniline
 - Hexachlorocyclopentadiene
- DA4-SB-7_SE_0-0.6-20210324 (Lab ID: 92529815013)
 - Hexachlorocyclopentadiene
- DA4-SB-7_SE_5-6-20210324 (Lab ID: 92529815014)
 - Hexachlorocyclopentadiene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609779

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- DUP (Lab ID: 3211649)
 - Aniline
 - Hexachlorocyclopentadiene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3211647)
 - Aniline
 - Hexachlorocyclopentadiene
- MS (Lab ID: 3211648)
 - Aniline
 - Hexachlorocyclopentadiene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 01, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 610199

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3213193)
 - Bromomethane
- EB-1_WQ_20210324 (Lab ID: 92529815015)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3213194)
 - Bromomethane
- MS (Lab ID: 3213195)
 - Bromomethane
- MSD (Lab ID: 3213196)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 01, 2021

QC Batch: 610199

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529781035

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3213195)
 - Acetone
 - Toluene
- MSD (Lab ID: 3213196)
 - Acetone

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 01, 2021

General Information:

14 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

QC Batch: 609987

B: Analyte was detected in the associated method blank.

- BLANK for HBN 609987 [MSV/6880 (Lab ID: 3212509)
- Chloroform

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 609987

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 3212511)
- Toluene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609987

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- m&p-Xylene

Additional Comments:

Analyte Comments:

QC Batch: 609681

1g: Laboratory contaminant.

- DA4-SB-5A_SE_2-2.5-20210324 (Lab ID: 92529815004)
 - Chloroform
- DA4-SB-5B_SE_0-0.6-20210324 (Lab ID: 92529815005)
 - Chloroform
- DA4-SB-5B_SE_2-2.5-20210324 (Lab ID: 92529815006)
 - Chloroform
- DA4-SB-5_SE_0-0.6-20210324 (Lab ID: 92529815001)
 - Chloroform
- DA4-SB-5_SE_6-7-20210324 (Lab ID: 92529815002)
 - Chloroform
- DA4-SB-6A_SE_2-2.5-20210324 (Lab ID: 92529815010)
 - Chloroform
- DA4-SB-6B_SE_0-0.6-20210324 (Lab ID: 92529815011)
 - Chloroform
- DA4-SB-6B_SE_2-2.5-20210324 (Lab ID: 92529815012)
 - Chloroform
- DA4-SB-6_SE_0-0.6-20210324 (Lab ID: 92529815007)
 - Chloroform
- DA4-SB-6_SE_4-5-20210324 (Lab ID: 92529815008)
 - Chloroform
- DA4-SB-7_SE_0-0.6-20210324 (Lab ID: 92529815013)
 - Chloroform
- DA4-SB-7_SE_5-6-20210324 (Lab ID: 92529815014)
 - Chloroform

QC Batch: 609987

1g: Laboratory contaminant.

- BLANK (Lab ID: 3212509)
 - Chloroform
- DA4-SB-5A_SE_0-0.6-20210324 (Lab ID: 92529815003)
 - Chloroform
- DA4-SB-6A_SE_0-0.6-20210324 (Lab ID: 92529815009)
 - Chloroform
- DUP (Lab ID: 3212511)
 - Chloroform

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_0-0.6-20210324 Lab ID: 92529815001 Collected: 03/24/21 09:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	72.9	26.7	1	03/27/21 14:32	03/28/21 13:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	72.9	28.1	1	03/27/21 14:32	03/28/21 13:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	72.9	25.5	1	03/27/21 14:32	03/28/21 13:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	72.9	13.7	1	03/27/21 14:32	03/28/21 13:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	72.9	18.2	1	03/27/21 14:32	03/28/21 13:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	72.9	13.7	1	03/27/21 14:32	03/28/21 13:16	11097-69-1	
PCB-1260 (Aroclor 1260)	109	ug/kg	72.9	17.4	1	03/27/21 14:32	03/28/21 13:16	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	84	%	10-160		1	03/27/21 14:32	03/28/21 13:16	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3380	ug/kg	109	11.2	5	03/29/21 12:37	03/30/21 13:17	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	90	%	31-130		1	03/29/21 12:37	03/30/21 07:26	321-60-8	
Nitrobenzene-d5 (S)	109	%	32-130		1	03/29/21 12:37	03/30/21 07:26	4165-60-0	
Terphenyl-d14 (S)	80	%	24-130		1	03/29/21 12:37	03/30/21 07:26	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	729	256	1	03/27/21 14:29	03/29/21 15:39	83-32-9	
Acenaphthylene	637J	ug/kg	729	256	1	03/27/21 14:29	03/29/21 15:39	208-96-8	
Aniline	ND	ug/kg	729	285	1	03/27/21 14:29	03/29/21 15:39	62-53-3	v2
Anthracene	1590	ug/kg	729	239	1	03/27/21 14:29	03/29/21 15:39	120-12-7	
Benzo(a)anthracene	5300	ug/kg	729	243	1	03/27/21 14:29	03/29/21 15:39	56-55-3	
Benzo(b)fluoranthene	5350	ug/kg	729	243	1	03/27/21 14:29	03/29/21 15:39	205-99-2	
Benzo(g,h,i)perylene	2750	ug/kg	729	283	1	03/27/21 14:29	03/29/21 15:39	191-24-2	
Benzo(k)fluoranthene	2310	ug/kg	729	256	1	03/27/21 14:29	03/29/21 15:39	207-08-9	
Benzoic Acid	ND	ug/kg	3650	1570	1	03/27/21 14:29	03/29/21 15:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1460	552	1	03/27/21 14:29	03/29/21 15:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	729	281	1	03/27/21 14:29	03/29/21 15:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	729	307	1	03/27/21 14:29	03/29/21 15:39	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1460	513	1	03/27/21 14:29	03/29/21 15:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1460	572	1	03/27/21 14:29	03/29/21 15:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	729	303	1	03/27/21 14:29	03/29/21 15:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	729	274	1	03/27/21 14:29	03/29/21 15:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	729	289	1	03/27/21 14:29	03/29/21 15:39	91-58-7	
2-Chlorophenol	ND	ug/kg	729	274	1	03/27/21 14:29	03/29/21 15:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	729	272	1	03/27/21 14:29	03/29/21 15:39	7005-72-3	
Chrysene	4610	ug/kg	729	265	1	03/27/21 14:29	03/29/21 15:39	218-01-9	
Dibenz(a,h)anthracene	773	ug/kg	729	281	1	03/27/21 14:29	03/29/21 15:39	53-70-3	
Dibenzofuran	ND	ug/kg	729	263	1	03/27/21 14:29	03/29/21 15:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1460	493	1	03/27/21 14:29	03/29/21 15:39	91-94-1	IL

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_0-0.6-20210324 **Lab ID:** 92529815001 Collected: 03/24/21 09:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	729	285	1	03/27/21 14:29	03/29/21 15:39	120-83-2	
Diethylphthalate	ND	ug/kg	729	267	1	03/27/21 14:29	03/29/21 15:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	729	303	1	03/27/21 14:29	03/29/21 15:39	105-67-9	
Dimethylphthalate	ND	ug/kg	729	265	1	03/27/21 14:29	03/29/21 15:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	729	245	1	03/27/21 14:29	03/29/21 15:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1460	681	1	03/27/21 14:29	03/29/21 15:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3650	2250	1	03/27/21 14:29	03/29/21 15:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	729	281	1	03/27/21 14:29	03/29/21 15:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	729	267	1	03/27/21 14:29	03/29/21 15:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	729	287	1	03/27/21 14:29	03/29/21 15:39	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	729	283	1	03/27/21 14:29	03/29/21 15:39	117-81-7	v1
Fluoranthene	8130	ug/kg	1460	499	2	03/27/21 14:29	03/30/21 13:38	206-44-0	
Fluorene	394J	ug/kg	729	256	1	03/27/21 14:29	03/29/21 15:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	729	285	1	03/27/21 14:29	03/29/21 15:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	729	418	1	03/27/21 14:29	03/29/21 15:39	77-47-4	v2
Hexachloroethane	ND	ug/kg	729	278	1	03/27/21 14:29	03/29/21 15:39	67-72-1	
Indeno(1,2,3-cd)pyrene	2490	ug/kg	729	287	1	03/27/21 14:29	03/29/21 15:39	193-39-5	
Isophorone	ND	ug/kg	729	325	1	03/27/21 14:29	03/29/21 15:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	729	256	1	03/27/21 14:29	03/29/21 15:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	729	292	1	03/27/21 14:29	03/29/21 15:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	729	298	1	03/27/21 14:29	03/29/21 15:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	729	294	1	03/27/21 14:29	03/29/21 15:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	3650	597	1	03/27/21 14:29	03/29/21 15:39	88-74-4	
3-Nitroaniline	ND	ug/kg	3650	572	1	03/27/21 14:29	03/29/21 15:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1460	555	1	03/27/21 14:29	03/29/21 15:39	100-01-6	
Nitrobenzene	ND	ug/kg	729	338	1	03/27/21 14:29	03/29/21 15:39	98-95-3	
2-Nitrophenol	ND	ug/kg	729	316	1	03/27/21 14:29	03/29/21 15:39	88-75-5	
4-Nitrophenol	ND	ug/kg	3650	1410	1	03/27/21 14:29	03/29/21 15:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	729	245	1	03/27/21 14:29	03/29/21 15:39	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	729	274	1	03/27/21 14:29	03/29/21 15:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	729	259	1	03/27/21 14:29	03/29/21 15:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	729	347	1	03/27/21 14:29	03/29/21 15:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1460	714	1	03/27/21 14:29	03/29/21 15:39	87-86-5	
Phenanthrene	3340	ug/kg	729	239	1	03/27/21 14:29	03/29/21 15:39	85-01-8	
Phenol	ND	ug/kg	729	325	1	03/27/21 14:29	03/29/21 15:39	108-95-2	
Pyrene	8440	ug/kg	1460	592	2	03/27/21 14:29	03/30/21 13:38	129-00-0	
Pyridine	ND	ug/kg	729	230	1	03/27/21 14:29	03/29/21 15:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	729	334	1	03/27/21 14:29	03/29/21 15:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	729	300	1	03/27/21 14:29	03/29/21 15:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	21-130		1	03/27/21 14:29	03/29/21 15:39	4165-60-0	
2-Fluorobiphenyl (S)	47	%	19-130		1	03/27/21 14:29	03/29/21 15:39	321-60-8	
Terphenyl-d14 (S)	47	%	15-130		1	03/27/21 14:29	03/29/21 15:39	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 15:39	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_0-0.6-20210324 **Lab ID:** 92529815001 Collected: 03/24/21 09:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	58	%	18-130		1	03/27/21 14:29	03/29/21 15:39	367-12-4	
2,4,6-Tribromophenol (S)	58	%	18-130		1	03/27/21 14:29	03/29/21 15:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	251J	ug/kg	374	120	1	03/26/21 16:58	03/26/21 19:35	67-64-1	
Benzene	ND	ug/kg	18.7	7.4	1	03/26/21 16:58	03/26/21 19:35	71-43-2	
Bromobenzene	ND	ug/kg	18.7	6.1	1	03/26/21 16:58	03/26/21 19:35	108-86-1	
Bromochloromethane	ND	ug/kg	18.7	5.5	1	03/26/21 16:58	03/26/21 19:35	74-97-5	
Bromodichloromethane	ND	ug/kg	18.7	7.2	1	03/26/21 16:58	03/26/21 19:35	75-27-4	
Bromoform	ND	ug/kg	18.7	6.6	1	03/26/21 16:58	03/26/21 19:35	75-25-2	
Bromomethane	ND	ug/kg	37.4	29.5	1	03/26/21 16:58	03/26/21 19:35	74-83-9	
2-Butanone (MEK)	160J	ug/kg	374	89.7	1	03/26/21 16:58	03/26/21 19:35	78-93-3	
n-Butylbenzene	ND	ug/kg	18.7	8.8	1	03/26/21 16:58	03/26/21 19:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	18.7	8.2	1	03/26/21 16:58	03/26/21 19:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.7	6.6	1	03/26/21 16:58	03/26/21 19:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	18.7	7.0	1	03/26/21 16:58	03/26/21 19:35	56-23-5	
Chlorobenzene	ND	ug/kg	18.7	3.6	1	03/26/21 16:58	03/26/21 19:35	108-90-7	
Chloroethane	ND	ug/kg	37.4	14.4	1	03/26/21 16:58	03/26/21 19:35	75-00-3	
Chloroform	17.0J	ug/kg	18.7	11.4	1	03/26/21 16:58	03/26/21 19:35	67-66-3	1g
Chloromethane	ND	ug/kg	37.4	15.7	1	03/26/21 16:58	03/26/21 19:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	18.7	6.6	1	03/26/21 16:58	03/26/21 19:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	18.7	3.3	1	03/26/21 16:58	03/26/21 19:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.7	7.2	1	03/26/21 16:58	03/26/21 19:35	96-12-8	
Dibromochloromethane	ND	ug/kg	18.7	10.5	1	03/26/21 16:58	03/26/21 19:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	18.7	8.2	1	03/26/21 16:58	03/26/21 19:35	106-93-4	
Dibromomethane	ND	ug/kg	18.7	4.0	1	03/26/21 16:58	03/26/21 19:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	18.7	6.7	1	03/26/21 16:58	03/26/21 19:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	18.7	5.8	1	03/26/21 16:58	03/26/21 19:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	18.7	4.9	1	03/26/21 16:58	03/26/21 19:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	37.4	8.1	1	03/26/21 16:58	03/26/21 19:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	18.7	7.7	1	03/26/21 16:58	03/26/21 19:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	18.7	12.4	1	03/26/21 16:58	03/26/21 19:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	18.7	7.7	1	03/26/21 16:58	03/26/21 19:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	18.7	6.4	1	03/26/21 16:58	03/26/21 19:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	18.7	6.5	1	03/26/21 16:58	03/26/21 19:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	18.7	5.6	1	03/26/21 16:58	03/26/21 19:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	18.7	5.8	1	03/26/21 16:58	03/26/21 19:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	18.7	6.1	1	03/26/21 16:58	03/26/21 19:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	18.7	9.0	1	03/26/21 16:58	03/26/21 19:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	18.7	5.1	1	03/26/21 16:58	03/26/21 19:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	18.7	6.4	1	03/26/21 16:58	03/26/21 19:35	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_0-0.6-20210324 **Lab ID:** 92529815001 Collected: 03/24/21 09:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	18.7	5.0	1	03/26/21 16:58	03/26/21 19:35	108-20-3	
Ethylbenzene	14.6J	ug/kg	18.7	8.7	1	03/26/21 16:58	03/26/21 19:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	37.4	30.6	1	03/26/21 16:58	03/26/21 19:35	87-68-3	
2-Hexanone	ND	ug/kg	187	18.0	1	03/26/21 16:58	03/26/21 19:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	18.7	6.4	1	03/26/21 16:58	03/26/21 19:35	98-82-8	
p-Isopropyltoluene	13.3J	ug/kg	18.7	9.2	1	03/26/21 16:58	03/26/21 19:35	99-87-6	
Methylene Chloride	ND	ug/kg	74.7	51.2	1	03/26/21 16:58	03/26/21 19:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	187	18.0	1	03/26/21 16:58	03/26/21 19:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	18.7	7.0	1	03/26/21 16:58	03/26/21 19:35	1634-04-4	
Naphthalene	268	ug/kg	18.7	9.8	1	03/26/21 16:58	03/26/21 19:35	91-20-3	
n-Propylbenzene	ND	ug/kg	18.7	6.6	1	03/26/21 16:58	03/26/21 19:35	103-65-1	
Styrene	ND	ug/kg	18.7	4.9	1	03/26/21 16:58	03/26/21 19:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	18.7	7.2	1	03/26/21 16:58	03/26/21 19:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	18.7	4.9	1	03/26/21 16:58	03/26/21 19:35	79-34-5	
Tetrachloroethene	ND	ug/kg	18.7	5.9	1	03/26/21 16:58	03/26/21 19:35	127-18-4	
Toluene	34.5	ug/kg	18.7	5.3	1	03/26/21 16:58	03/26/21 19:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	18.7	15.1	1	03/26/21 16:58	03/26/21 19:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	18.7	15.7	1	03/26/21 16:58	03/26/21 19:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	18.7	9.7	1	03/26/21 16:58	03/26/21 19:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	18.7	6.2	1	03/26/21 16:58	03/26/21 19:35	79-00-5	
Trichloroethene	ND	ug/kg	18.7	4.8	1	03/26/21 16:58	03/26/21 19:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	18.7	10.3	1	03/26/21 16:58	03/26/21 19:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	18.7	9.5	1	03/26/21 16:58	03/26/21 19:35	96-18-4	
1,2,4-Trimethylbenzene	21.2	ug/kg	18.7	5.1	1	03/26/21 16:58	03/26/21 19:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	18.7	6.3	1	03/26/21 16:58	03/26/21 19:35	108-67-8	
Vinyl acetate	ND	ug/kg	187	13.6	1	03/26/21 16:58	03/26/21 19:35	108-05-4	
Vinyl chloride	ND	ug/kg	37.4	9.5	1	03/26/21 16:58	03/26/21 19:35	75-01-4	
Xylene (Total)	50.8	ug/kg	37.4	10.6	1	03/26/21 16:58	03/26/21 19:35	1330-20-7	
m&p-Xylene	33.9J	ug/kg	37.4	12.8	1	03/26/21 16:58	03/26/21 19:35	179601-23-1	
o-Xylene	16.9J	ug/kg	18.7	8.3	1	03/26/21 16:58	03/26/21 19:35	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/26/21 16:58	03/26/21 19:35	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	03/26/21 16:58	03/26/21 19:35	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/26/21 16:58	03/26/21 19:35	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	54.1	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_6-7-20210324 **Lab ID: 92529815002** Collected: 03/24/21 09:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.1	17.6	1	03/27/21 14:32	03/28/21 13:31	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.1	18.6	1	03/27/21 14:32	03/28/21 13:31	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.1	16.9	1	03/27/21 14:32	03/28/21 13:31	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.1	9.1	1	03/27/21 14:32	03/28/21 13:31	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.1	12.0	1	03/27/21 14:32	03/28/21 13:31	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.1	9.1	1	03/27/21 14:32	03/28/21 13:31	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.1	11.5	1	03/27/21 14:32	03/28/21 13:31	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	67	%	10-160		1	03/27/21 14:32	03/28/21 13:31	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	179	ug/kg	14.4	1.5	1	03/29/21 12:37	03/30/21 07:48	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	107	%	31-130		1	03/29/21 12:37	03/30/21 07:48	321-60-8	
Nitrobenzene-d5 (S)	121	%	32-130		1	03/29/21 12:37	03/30/21 07:48	4165-60-0	
Terphenyl-d14 (S)	127	%	24-130		1	03/29/21 12:37	03/30/21 07:48	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	467	164	1	03/27/21 14:29	03/29/21 16:07	83-32-9	
Acenaphthylene	ND	ug/kg	467	164	1	03/27/21 14:29	03/29/21 16:07	208-96-8	
Aniline	ND	ug/kg	467	183	1	03/27/21 14:29	03/29/21 16:07	62-53-3	v2
Anthracene	ND	ug/kg	467	153	1	03/27/21 14:29	03/29/21 16:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	467	156	1	03/27/21 14:29	03/29/21 16:07	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	467	156	1	03/27/21 14:29	03/29/21 16:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	467	181	1	03/27/21 14:29	03/29/21 16:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	467	164	1	03/27/21 14:29	03/29/21 16:07	207-08-9	
Benzoic Acid	ND	ug/kg	2340	1000	1	03/27/21 14:29	03/29/21 16:07	65-85-0	
Benzyl alcohol	ND	ug/kg	934	354	1	03/27/21 14:29	03/29/21 16:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	467	180	1	03/27/21 14:29	03/29/21 16:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	467	197	1	03/27/21 14:29	03/29/21 16:07	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	934	328	1	03/27/21 14:29	03/29/21 16:07	59-50-7	
4-Chloroaniline	ND	ug/kg	934	367	1	03/27/21 14:29	03/29/21 16:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	467	194	1	03/27/21 14:29	03/29/21 16:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	467	176	1	03/27/21 14:29	03/29/21 16:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	467	185	1	03/27/21 14:29	03/29/21 16:07	91-58-7	
2-Chlorophenol	ND	ug/kg	467	176	1	03/27/21 14:29	03/29/21 16:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	467	174	1	03/27/21 14:29	03/29/21 16:07	7005-72-3	
Chrysene	ND	ug/kg	467	170	1	03/27/21 14:29	03/29/21 16:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	467	180	1	03/27/21 14:29	03/29/21 16:07	53-70-3	
Dibenzofuran	ND	ug/kg	467	168	1	03/27/21 14:29	03/29/21 16:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	934	316	1	03/27/21 14:29	03/29/21 16:07	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_6-7-20210324 **Lab ID: 92529815002** Collected: 03/24/21 09:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	467	183	1	03/27/21 14:29	03/29/21 16:07	120-83-2	
Diethylphthalate	ND	ug/kg	467	171	1	03/27/21 14:29	03/29/21 16:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	467	194	1	03/27/21 14:29	03/29/21 16:07	105-67-9	
Dimethylphthalate	ND	ug/kg	467	170	1	03/27/21 14:29	03/29/21 16:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	467	157	1	03/27/21 14:29	03/29/21 16:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	934	436	1	03/27/21 14:29	03/29/21 16:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2340	1440	1	03/27/21 14:29	03/29/21 16:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	467	180	1	03/27/21 14:29	03/29/21 16:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	467	171	1	03/27/21 14:29	03/29/21 16:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	467	184	1	03/27/21 14:29	03/29/21 16:07	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	467	181	1	03/27/21 14:29	03/29/21 16:07	117-81-7	v1
Fluoranthene	ND	ug/kg	467	160	1	03/27/21 14:29	03/29/21 16:07	206-44-0	
Fluorene	ND	ug/kg	467	164	1	03/27/21 14:29	03/29/21 16:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	467	183	1	03/27/21 14:29	03/29/21 16:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	467	268	1	03/27/21 14:29	03/29/21 16:07	77-47-4	v2
Hexachloroethane	ND	ug/kg	467	178	1	03/27/21 14:29	03/29/21 16:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	467	184	1	03/27/21 14:29	03/29/21 16:07	193-39-5	
Isophorone	ND	ug/kg	467	208	1	03/27/21 14:29	03/29/21 16:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	467	164	1	03/27/21 14:29	03/29/21 16:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	467	187	1	03/27/21 14:29	03/29/21 16:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	467	191	1	03/27/21 14:29	03/29/21 16:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	467	188	1	03/27/21 14:29	03/29/21 16:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2340	382	1	03/27/21 14:29	03/29/21 16:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2340	367	1	03/27/21 14:29	03/29/21 16:07	99-09-2	
4-Nitroaniline	ND	ug/kg	934	355	1	03/27/21 14:29	03/29/21 16:07	100-01-6	
Nitrobenzene	ND	ug/kg	467	217	1	03/27/21 14:29	03/29/21 16:07	98-95-3	
2-Nitrophenol	ND	ug/kg	467	202	1	03/27/21 14:29	03/29/21 16:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2340	903	1	03/27/21 14:29	03/29/21 16:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	467	157	1	03/27/21 14:29	03/29/21 16:07	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	467	176	1	03/27/21 14:29	03/29/21 16:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	467	166	1	03/27/21 14:29	03/29/21 16:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	467	222	1	03/27/21 14:29	03/29/21 16:07	108-60-1	
Pentachlorophenol	ND	ug/kg	934	457	1	03/27/21 14:29	03/29/21 16:07	87-86-5	
Phenanthrene	ND	ug/kg	467	153	1	03/27/21 14:29	03/29/21 16:07	85-01-8	
Phenol	ND	ug/kg	467	208	1	03/27/21 14:29	03/29/21 16:07	108-95-2	
Pyrene	ND	ug/kg	467	190	1	03/27/21 14:29	03/29/21 16:07	129-00-0	
Pyridine	ND	ug/kg	467	147	1	03/27/21 14:29	03/29/21 16:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	467	214	1	03/27/21 14:29	03/29/21 16:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	467	193	1	03/27/21 14:29	03/29/21 16:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	03/27/21 14:29	03/29/21 16:07	4165-60-0	
2-Fluorobiphenyl (S)	38	%	19-130		1	03/27/21 14:29	03/29/21 16:07	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	03/27/21 14:29	03/29/21 16:07	1718-51-0	
Phenol-d6 (S)	44	%	18-130		1	03/27/21 14:29	03/29/21 16:07	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_6-7-20210324 **Lab ID:** 92529815002 Collected: 03/24/21 09:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	49	%	18-130		1	03/27/21 14:29	03/29/21 16:07	367-12-4	
2,4,6-Tribromophenol (S)	44	%	18-130		1	03/27/21 14:29	03/29/21 16:07	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	91.5J	ug/kg	169	54.3	1	03/26/21 16:58	03/26/21 20:11	67-64-1	
Benzene	ND	ug/kg	8.5	3.4	1	03/26/21 16:58	03/26/21 20:11	71-43-2	
Bromobenzene	ND	ug/kg	8.5	2.8	1	03/26/21 16:58	03/26/21 20:11	108-86-1	
Bromochloromethane	ND	ug/kg	8.5	2.5	1	03/26/21 16:58	03/26/21 20:11	74-97-5	
Bromodichloromethane	ND	ug/kg	8.5	3.3	1	03/26/21 16:58	03/26/21 20:11	75-27-4	
Bromoform	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	75-25-2	
Bromomethane	ND	ug/kg	16.9	13.4	1	03/26/21 16:58	03/26/21 20:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	169	40.6	1	03/26/21 16:58	03/26/21 20:11	78-93-3	
n-Butylbenzene	ND	ug/kg	8.5	4.0	1	03/26/21 16:58	03/26/21 20:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.5	3.7	1	03/26/21 16:58	03/26/21 20:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.5	3.2	1	03/26/21 16:58	03/26/21 20:11	56-23-5	
Chlorobenzene	ND	ug/kg	8.5	1.6	1	03/26/21 16:58	03/26/21 20:11	108-90-7	
Chloroethane	ND	ug/kg	16.9	6.5	1	03/26/21 16:58	03/26/21 20:11	75-00-3	
Chloroform	7.5J	ug/kg	8.5	5.1	1	03/26/21 16:58	03/26/21 20:11	67-66-3	1g
Chloromethane	ND	ug/kg	16.9	7.1	1	03/26/21 16:58	03/26/21 20:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.5	1.5	1	03/26/21 16:58	03/26/21 20:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	3.3	1	03/26/21 16:58	03/26/21 20:11	96-12-8	
Dibromochloromethane	ND	ug/kg	8.5	4.8	1	03/26/21 16:58	03/26/21 20:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.5	3.7	1	03/26/21 16:58	03/26/21 20:11	106-93-4	
Dibromomethane	ND	ug/kg	8.5	1.8	1	03/26/21 16:58	03/26/21 20:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.5	2.6	1	03/26/21 16:58	03/26/21 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.5	2.2	1	03/26/21 16:58	03/26/21 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.9	3.7	1	03/26/21 16:58	03/26/21 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.5	3.5	1	03/26/21 16:58	03/26/21 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.5	5.6	1	03/26/21 16:58	03/26/21 20:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.5	3.5	1	03/26/21 16:58	03/26/21 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.5	2.9	1	03/26/21 16:58	03/26/21 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.5	2.5	1	03/26/21 16:58	03/26/21 20:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.5	2.6	1	03/26/21 16:58	03/26/21 20:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.5	2.8	1	03/26/21 16:58	03/26/21 20:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.5	4.1	1	03/26/21 16:58	03/26/21 20:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.5	2.3	1	03/26/21 16:58	03/26/21 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.5	2.9	1	03/26/21 16:58	03/26/21 20:11	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5_SE_6-7-20210324 Lab ID: 92529815002 Collected: 03/24/21 09:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.5	2.3	1	03/26/21 16:58	03/26/21 20:11	108-20-3	
Ethylbenzene	6.2J	ug/kg	8.5	3.9	1	03/26/21 16:58	03/26/21 20:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.9	13.8	1	03/26/21 16:58	03/26/21 20:11	87-68-3	
2-Hexanone	ND	ug/kg	84.6	8.2	1	03/26/21 16:58	03/26/21 20:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.5	2.9	1	03/26/21 16:58	03/26/21 20:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.5	4.2	1	03/26/21 16:58	03/26/21 20:11	99-87-6	
Methylene Chloride	ND	ug/kg	33.9	23.2	1	03/26/21 16:58	03/26/21 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	84.6	8.2	1	03/26/21 16:58	03/26/21 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.5	3.2	1	03/26/21 16:58	03/26/21 20:11	1634-04-4	
Naphthalene	523	ug/kg	8.5	4.5	1	03/26/21 16:58	03/26/21 20:11	91-20-3	
n-Propylbenzene	ND	ug/kg	8.5	3.0	1	03/26/21 16:58	03/26/21 20:11	103-65-1	
Styrene	ND	ug/kg	8.5	2.2	1	03/26/21 16:58	03/26/21 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.5	3.3	1	03/26/21 16:58	03/26/21 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.5	2.2	1	03/26/21 16:58	03/26/21 20:11	79-34-5	
Tetrachloroethene	ND	ug/kg	8.5	2.7	1	03/26/21 16:58	03/26/21 20:11	127-18-4	
Toluene	5.0J	ug/kg	8.5	2.4	1	03/26/21 16:58	03/26/21 20:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.5	6.8	1	03/26/21 16:58	03/26/21 20:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.5	7.1	1	03/26/21 16:58	03/26/21 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.5	4.4	1	03/26/21 16:58	03/26/21 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.5	2.8	1	03/26/21 16:58	03/26/21 20:11	79-00-5	
Trichloroethene	ND	ug/kg	8.5	2.2	1	03/26/21 16:58	03/26/21 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.5	4.7	1	03/26/21 16:58	03/26/21 20:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.5	4.3	1	03/26/21 16:58	03/26/21 20:11	96-18-4	
1,2,4-Trimethylbenzene	12.4	ug/kg	8.5	2.3	1	03/26/21 16:58	03/26/21 20:11	95-63-6	
1,3,5-Trimethylbenzene	7.3J	ug/kg	8.5	2.8	1	03/26/21 16:58	03/26/21 20:11	108-67-8	
Vinyl acetate	ND	ug/kg	84.6	6.2	1	03/26/21 16:58	03/26/21 20:11	108-05-4	
Vinyl chloride	ND	ug/kg	16.9	4.3	1	03/26/21 16:58	03/26/21 20:11	75-01-4	
Xylene (Total)	10.5J	ug/kg	16.9	4.8	1	03/26/21 16:58	03/26/21 20:11	1330-20-7	
m&p-Xylene	10.5J	ug/kg	16.9	5.8	1	03/26/21 16:58	03/26/21 20:11	179601-23-1	
o-Xylene	ND	ug/kg	8.5	3.7	1	03/26/21 16:58	03/26/21 20:11	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/26/21 16:58	03/26/21 20:11	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/26/21 16:58	03/26/21 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/26/21 16:58	03/26/21 20:11	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	30.3	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_0-0.6-20210324 **Lab ID:** 92529815003 **Collected:** 03/24/21 10:50 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	52.6	19.2	1	03/27/21 14:32	03/28/21 13:45	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	52.6	20.3	1	03/27/21 14:32	03/28/21 13:45	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	52.6	18.4	1	03/27/21 14:32	03/28/21 13:45	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	52.6	9.9	1	03/27/21 14:32	03/28/21 13:45	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	52.6	13.1	1	03/27/21 14:32	03/28/21 13:45	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	52.6	9.9	1	03/27/21 14:32	03/28/21 13:45	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	52.6	12.6	1	03/27/21 14:32	03/28/21 13:45	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	98	%	10-160		1	03/27/21 14:32	03/28/21 13:45	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	696	ug/kg	16.1	1.7	1	03/29/21 12:37	03/30/21 08:09	50-32-8	M1
Surrogates									
2-Fluorobiphenyl (S)	89	%	31-130		1	03/29/21 12:37	03/30/21 08:09	321-60-8	
Nitrobenzene-d5 (S)	90	%	32-130		1	03/29/21 12:37	03/30/21 08:09	4165-60-0	
Terphenyl-d14 (S)	122	%	24-130		1	03/29/21 12:37	03/30/21 08:09	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	522	184	1	03/27/21 14:29	03/29/21 16:35	83-32-9	
Acenaphthylene	281J	ug/kg	522	184	1	03/27/21 14:29	03/29/21 16:35	208-96-8	
Aniline	ND	ug/kg	522	204	1	03/27/21 14:29	03/29/21 16:35	62-53-3	v2
Anthracene	773	ug/kg	522	171	1	03/27/21 14:29	03/29/21 16:35	120-12-7	
Benzo(a)anthracene	1330	ug/kg	522	174	1	03/27/21 14:29	03/29/21 16:35	56-55-3	
Benzo(b)fluoranthene	1170	ug/kg	522	174	1	03/27/21 14:29	03/29/21 16:35	205-99-2	
Benzo(g,h,i)perylene	542	ug/kg	522	203	1	03/27/21 14:29	03/29/21 16:35	191-24-2	
Benzo(k)fluoranthene	461J	ug/kg	522	184	1	03/27/21 14:29	03/29/21 16:35	207-08-9	
Benzoic Acid	ND	ug/kg	2610	1120	1	03/27/21 14:29	03/29/21 16:35	65-85-0	
Benzyl alcohol	ND	ug/kg	1040	396	1	03/27/21 14:29	03/29/21 16:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	522	201	1	03/27/21 14:29	03/29/21 16:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	522	220	1	03/27/21 14:29	03/29/21 16:35	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1040	367	1	03/27/21 14:29	03/29/21 16:35	59-50-7	
4-Chloroaniline	ND	ug/kg	1040	410	1	03/27/21 14:29	03/29/21 16:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	522	217	1	03/27/21 14:29	03/29/21 16:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	522	196	1	03/27/21 14:29	03/29/21 16:35	111-44-4	
2-Chloronaphthalene	ND	ug/kg	522	207	1	03/27/21 14:29	03/29/21 16:35	91-58-7	
2-Chlorophenol	ND	ug/kg	522	196	1	03/27/21 14:29	03/29/21 16:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	522	195	1	03/27/21 14:29	03/29/21 16:35	7005-72-3	
Chrysene	1130	ug/kg	522	190	1	03/27/21 14:29	03/29/21 16:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	522	201	1	03/27/21 14:29	03/29/21 16:35	53-70-3	
Dibenzofuran	ND	ug/kg	522	188	1	03/27/21 14:29	03/29/21 16:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1040	353	1	03/27/21 14:29	03/29/21 16:35	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_0-0.6-20210324 Lab ID: 92529815003 Collected: 03/24/21 10:50 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	522	204	1	03/27/21 14:29	03/29/21 16:35	120-83-2	
Diethylphthalate	ND	ug/kg	522	192	1	03/27/21 14:29	03/29/21 16:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	522	217	1	03/27/21 14:29	03/29/21 16:35	105-67-9	
Dimethylphthalate	ND	ug/kg	522	190	1	03/27/21 14:29	03/29/21 16:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	522	176	1	03/27/21 14:29	03/29/21 16:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1040	488	1	03/27/21 14:29	03/29/21 16:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2610	1610	1	03/27/21 14:29	03/29/21 16:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	522	201	1	03/27/21 14:29	03/29/21 16:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	522	192	1	03/27/21 14:29	03/29/21 16:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	522	206	1	03/27/21 14:29	03/29/21 16:35	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	522	203	1	03/27/21 14:29	03/29/21 16:35	117-81-7	v1
Fluoranthene	2630	ug/kg	522	179	1	03/27/21 14:29	03/29/21 16:35	206-44-0	
Fluorene	331J	ug/kg	522	184	1	03/27/21 14:29	03/29/21 16:35	86-73-7	
Hexachlorobenzene	ND	ug/kg	522	204	1	03/27/21 14:29	03/29/21 16:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	522	299	1	03/27/21 14:29	03/29/21 16:35	77-47-4	v2
Hexachloroethane	ND	ug/kg	522	199	1	03/27/21 14:29	03/29/21 16:35	67-72-1	
Indeno(1,2,3-cd)pyrene	507J	ug/kg	522	206	1	03/27/21 14:29	03/29/21 16:35	193-39-5	
Isophorone	ND	ug/kg	522	233	1	03/27/21 14:29	03/29/21 16:35	78-59-1	
1-Methylnaphthalene	ND	ug/kg	522	184	1	03/27/21 14:29	03/29/21 16:35	90-12-0	
2-Methylnaphthalene	ND	ug/kg	522	209	1	03/27/21 14:29	03/29/21 16:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	522	214	1	03/27/21 14:29	03/29/21 16:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	522	211	1	03/27/21 14:29	03/29/21 16:35	15831-10-4	
2-Nitroaniline	ND	ug/kg	2610	427	1	03/27/21 14:29	03/29/21 16:35	88-74-4	
3-Nitroaniline	ND	ug/kg	2610	410	1	03/27/21 14:29	03/29/21 16:35	99-09-2	
4-Nitroaniline	ND	ug/kg	1040	397	1	03/27/21 14:29	03/29/21 16:35	100-01-6	
Nitrobenzene	ND	ug/kg	522	242	1	03/27/21 14:29	03/29/21 16:35	98-95-3	
2-Nitrophenol	ND	ug/kg	522	226	1	03/27/21 14:29	03/29/21 16:35	88-75-5	
4-Nitrophenol	ND	ug/kg	2610	1010	1	03/27/21 14:29	03/29/21 16:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	522	176	1	03/27/21 14:29	03/29/21 16:35	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	522	196	1	03/27/21 14:29	03/29/21 16:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	522	185	1	03/27/21 14:29	03/29/21 16:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	522	249	1	03/27/21 14:29	03/29/21 16:35	108-60-1	
Pentachlorophenol	ND	ug/kg	1040	511	1	03/27/21 14:29	03/29/21 16:35	87-86-5	
Phenanthrene	2810	ug/kg	522	171	1	03/27/21 14:29	03/29/21 16:35	85-01-8	
Phenol	ND	ug/kg	522	233	1	03/27/21 14:29	03/29/21 16:35	108-95-2	
Pyrene	2510	ug/kg	522	212	1	03/27/21 14:29	03/29/21 16:35	129-00-0	
Pyridine	ND	ug/kg	522	165	1	03/27/21 14:29	03/29/21 16:35	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	522	239	1	03/27/21 14:29	03/29/21 16:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	522	215	1	03/27/21 14:29	03/29/21 16:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	54	%	21-130		1	03/27/21 14:29	03/29/21 16:35	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	03/27/21 14:29	03/29/21 16:35	321-60-8	
Terphenyl-d14 (S)	75	%	15-130		1	03/27/21 14:29	03/29/21 16:35	1718-51-0	
Phenol-d6 (S)	52	%	18-130		1	03/27/21 14:29	03/29/21 16:35	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_0-0.6-20210324 **Lab ID:** 92529815003 Collected: 03/24/21 10:50 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 16:35	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	03/27/21 14:29	03/29/21 16:35	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	98.1J	ug/kg	205	65.9	1	03/29/21 12:45	03/30/21 02:47	67-64-1	
Benzene	ND	ug/kg	10.3	4.1	1	03/29/21 12:45	03/30/21 02:47	71-43-2	
Bromobenzene	ND	ug/kg	10.3	3.3	1	03/29/21 12:45	03/30/21 02:47	108-86-1	
Bromochloromethane	ND	ug/kg	10.3	3.0	1	03/29/21 12:45	03/30/21 02:47	74-97-5	
Bromodichloromethane	ND	ug/kg	10.3	4.0	1	03/29/21 12:45	03/30/21 02:47	75-27-4	
Bromoform	ND	ug/kg	10.3	3.6	1	03/29/21 12:45	03/30/21 02:47	75-25-2	
Bromomethane	ND	ug/kg	20.5	16.2	1	03/29/21 12:45	03/30/21 02:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	205	49.3	1	03/29/21 12:45	03/30/21 02:47	78-93-3	
n-Butylbenzene	ND	ug/kg	10.3	4.8	1	03/29/21 12:45	03/30/21 02:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.3	4.5	1	03/29/21 12:45	03/30/21 02:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.3	3.7	1	03/29/21 12:45	03/30/21 02:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.3	3.8	1	03/29/21 12:45	03/30/21 02:47	56-23-5	
Chlorobenzene	ND	ug/kg	10.3	2.0	1	03/29/21 12:45	03/30/21 02:47	108-90-7	
Chloroethane	ND	ug/kg	20.5	7.9	1	03/29/21 12:45	03/30/21 02:47	75-00-3	
Chloroform	13.6	ug/kg	10.3	6.2	1	03/29/21 12:45	03/30/21 02:47	67-66-3	1g,B
Chloromethane	ND	ug/kg	20.5	8.6	1	03/29/21 12:45	03/30/21 02:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.3	3.6	1	03/29/21 12:45	03/30/21 02:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.3	1.8	1	03/29/21 12:45	03/30/21 02:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.3	4.0	1	03/29/21 12:45	03/30/21 02:47	96-12-8	
Dibromochloromethane	ND	ug/kg	10.3	5.8	1	03/29/21 12:45	03/30/21 02:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.3	4.5	1	03/29/21 12:45	03/30/21 02:47	106-93-4	
Dibromomethane	ND	ug/kg	10.3	2.2	1	03/29/21 12:45	03/30/21 02:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.3	3.7	1	03/29/21 12:45	03/30/21 02:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.3	3.2	1	03/29/21 12:45	03/30/21 02:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.3	2.7	1	03/29/21 12:45	03/30/21 02:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.5	4.5	1	03/29/21 12:45	03/30/21 02:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.3	4.2	1	03/29/21 12:45	03/30/21 02:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.3	6.8	1	03/29/21 12:45	03/30/21 02:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.3	4.2	1	03/29/21 12:45	03/30/21 02:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.3	3.5	1	03/29/21 12:45	03/30/21 02:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.3	3.6	1	03/29/21 12:45	03/30/21 02:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.3	3.1	1	03/29/21 12:45	03/30/21 02:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.3	3.2	1	03/29/21 12:45	03/30/21 02:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.3	3.3	1	03/29/21 12:45	03/30/21 02:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.3	4.9	1	03/29/21 12:45	03/30/21 02:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.3	2.8	1	03/29/21 12:45	03/30/21 02:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.3	3.5	1	03/29/21 12:45	03/30/21 02:47	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_0-0.6-20210324 Lab ID: 92529815003 Collected: 03/24/21 10:50 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	10.3	2.8	1	03/29/21 12:45	03/30/21 02:47	108-20-3	
Ethylbenzene	11.0	ug/kg	10.3	4.8	1	03/29/21 12:45	03/30/21 02:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	20.5	16.8	1	03/29/21 12:45	03/30/21 02:47	87-68-3	
2-Hexanone	ND	ug/kg	103	9.9	1	03/29/21 12:45	03/30/21 02:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.3	3.5	1	03/29/21 12:45	03/30/21 02:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.3	5.0	1	03/29/21 12:45	03/30/21 02:47	99-87-6	
Methylene Chloride	ND	ug/kg	41.1	28.1	1	03/29/21 12:45	03/30/21 02:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	103	9.9	1	03/29/21 12:45	03/30/21 02:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.3	3.8	1	03/29/21 12:45	03/30/21 02:47	1634-04-4	
Naphthalene	40.0	ug/kg	10.3	5.4	1	03/29/21 12:45	03/30/21 02:47	91-20-3	
n-Propylbenzene	ND	ug/kg	10.3	3.7	1	03/29/21 12:45	03/30/21 02:47	103-65-1	
Styrene	ND	ug/kg	10.3	2.7	1	03/29/21 12:45	03/30/21 02:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.3	3.9	1	03/29/21 12:45	03/30/21 02:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.3	2.7	1	03/29/21 12:45	03/30/21 02:47	79-34-5	
Tetrachloroethene	ND	ug/kg	10.3	3.2	1	03/29/21 12:45	03/30/21 02:47	127-18-4	
Toluene	33.7	ug/kg	10.3	2.9	1	03/29/21 12:45	03/30/21 02:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.3	8.3	1	03/29/21 12:45	03/30/21 02:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.3	8.6	1	03/29/21 12:45	03/30/21 02:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.3	5.3	1	03/29/21 12:45	03/30/21 02:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.3	3.4	1	03/29/21 12:45	03/30/21 02:47	79-00-5	
Trichloroethene	ND	ug/kg	10.3	2.6	1	03/29/21 12:45	03/30/21 02:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.3	5.6	1	03/29/21 12:45	03/30/21 02:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.3	5.2	1	03/29/21 12:45	03/30/21 02:47	96-18-4	
1,2,4-Trimethylbenzene	8.8J	ug/kg	10.3	2.8	1	03/29/21 12:45	03/30/21 02:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.3	3.4	1	03/29/21 12:45	03/30/21 02:47	108-67-8	
Vinyl acetate	ND	ug/kg	103	7.5	1	03/29/21 12:45	03/30/21 02:47	108-05-4	
Vinyl chloride	ND	ug/kg	20.5	5.2	1	03/29/21 12:45	03/30/21 02:47	75-01-4	
Xylene (Total)	45.4	ug/kg	20.5	5.8	1	03/29/21 12:45	03/30/21 02:47	1330-20-7	
m&p-Xylene	33.9	ug/kg	20.5	7.0	1	03/29/21 12:45	03/30/21 02:47	179601-23-1	
o-Xylene	11.5	ug/kg	10.3	4.5	1	03/29/21 12:45	03/30/21 02:47	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/29/21 12:45	03/30/21 02:47	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	03/29/21 12:45	03/30/21 02:47	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1	03/29/21 12:45	03/30/21 02:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	37.2	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_2-2.5-20210324 Lab ID: 92529815004 Collected: 03/24/21 11:10 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	56.7	20.8	1	03/27/21 14:32	03/28/21 13:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	56.7	21.9	1	03/27/21 14:32	03/28/21 13:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	56.7	19.9	1	03/27/21 14:32	03/28/21 13:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	56.7	10.7	1	03/27/21 14:32	03/28/21 13:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	56.7	14.2	1	03/27/21 14:32	03/28/21 13:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	56.7	10.7	1	03/27/21 14:32	03/28/21 13:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	56.7	13.6	1	03/27/21 14:32	03/28/21 13:59	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	94	%	10-160		1	03/27/21 14:32	03/28/21 13:59	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	62.3	ug/kg	16.8	1.7	1	03/29/21 12:37	03/30/21 08:53	50-32-8	D6
Surrogates									
2-Fluorobiphenyl (S)	90	%	31-130		1	03/29/21 12:37	03/30/21 08:53	321-60-8	
Nitrobenzene-d5 (S)	123	%	32-130		1	03/29/21 12:37	03/30/21 08:53	4165-60-0	
Terphenyl-d14 (S)	148	%	24-130		1	03/29/21 12:37	03/30/21 08:53	1718-51-0	S0
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	561	197	1	03/27/21 14:29	03/29/21 17:03	83-32-9	
Acenaphthylene	ND	ug/kg	561	197	1	03/27/21 14:29	03/29/21 17:03	208-96-8	
Aniline	ND	ug/kg	561	219	1	03/27/21 14:29	03/29/21 17:03	62-53-3	v2
Anthracene	ND	ug/kg	561	184	1	03/27/21 14:29	03/29/21 17:03	120-12-7	
Benzo(a)anthracene	ND	ug/kg	561	187	1	03/27/21 14:29	03/29/21 17:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	561	187	1	03/27/21 14:29	03/29/21 17:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	561	218	1	03/27/21 14:29	03/29/21 17:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	561	197	1	03/27/21 14:29	03/29/21 17:03	207-08-9	
Benzoic Acid	ND	ug/kg	2810	1210	1	03/27/21 14:29	03/29/21 17:03	65-85-0	
Benzyl alcohol	ND	ug/kg	1120	425	1	03/27/21 14:29	03/29/21 17:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	561	216	1	03/27/21 14:29	03/29/21 17:03	101-55-3	
Butylbenzylphthalate	ND	ug/kg	561	236	1	03/27/21 14:29	03/29/21 17:03	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1120	395	1	03/27/21 14:29	03/29/21 17:03	59-50-7	
4-Chloroaniline	ND	ug/kg	1120	440	1	03/27/21 14:29	03/29/21 17:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	561	233	1	03/27/21 14:29	03/29/21 17:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	561	211	1	03/27/21 14:29	03/29/21 17:03	111-44-4	
2-Chloronaphthalene	ND	ug/kg	561	223	1	03/27/21 14:29	03/29/21 17:03	91-58-7	
2-Chlorophenol	ND	ug/kg	561	211	1	03/27/21 14:29	03/29/21 17:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	561	209	1	03/27/21 14:29	03/29/21 17:03	7005-72-3	
Chrysene	ND	ug/kg	561	204	1	03/27/21 14:29	03/29/21 17:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	561	216	1	03/27/21 14:29	03/29/21 17:03	53-70-3	
Dibenzofuran	ND	ug/kg	561	202	1	03/27/21 14:29	03/29/21 17:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1120	379	1	03/27/21 14:29	03/29/21 17:03	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_2-2.5-20210324 **Lab ID: 92529815004** Collected: 03/24/21 11:10 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	561	219	1	03/27/21 14:29	03/29/21 17:03	120-83-2	
Diethylphthalate	ND	ug/kg	561	206	1	03/27/21 14:29	03/29/21 17:03	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	561	233	1	03/27/21 14:29	03/29/21 17:03	105-67-9	
Dimethylphthalate	ND	ug/kg	561	204	1	03/27/21 14:29	03/29/21 17:03	131-11-3	
Di-n-butylphthalate	ND	ug/kg	561	189	1	03/27/21 14:29	03/29/21 17:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1120	524	1	03/27/21 14:29	03/29/21 17:03	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2810	1730	1	03/27/21 14:29	03/29/21 17:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	561	216	1	03/27/21 14:29	03/29/21 17:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	561	206	1	03/27/21 14:29	03/29/21 17:03	606-20-2	
Di-n-octylphthalate	ND	ug/kg	561	221	1	03/27/21 14:29	03/29/21 17:03	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	561	218	1	03/27/21 14:29	03/29/21 17:03	117-81-7	v1
Fluoranthene	ND	ug/kg	561	192	1	03/27/21 14:29	03/29/21 17:03	206-44-0	
Fluorene	ND	ug/kg	561	197	1	03/27/21 14:29	03/29/21 17:03	86-73-7	
Hexachlorobenzene	ND	ug/kg	561	219	1	03/27/21 14:29	03/29/21 17:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	561	321	1	03/27/21 14:29	03/29/21 17:03	77-47-4	v2
Hexachloroethane	ND	ug/kg	561	214	1	03/27/21 14:29	03/29/21 17:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	561	221	1	03/27/21 14:29	03/29/21 17:03	193-39-5	
Isophorone	ND	ug/kg	561	250	1	03/27/21 14:29	03/29/21 17:03	78-59-1	
1-Methylnaphthalene	ND	ug/kg	561	197	1	03/27/21 14:29	03/29/21 17:03	90-12-0	
2-Methylnaphthalene	ND	ug/kg	561	224	1	03/27/21 14:29	03/29/21 17:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	561	230	1	03/27/21 14:29	03/29/21 17:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	561	226	1	03/27/21 14:29	03/29/21 17:03	15831-10-4	
2-Nitroaniline	ND	ug/kg	2810	459	1	03/27/21 14:29	03/29/21 17:03	88-74-4	
3-Nitroaniline	ND	ug/kg	2810	440	1	03/27/21 14:29	03/29/21 17:03	99-09-2	
4-Nitroaniline	ND	ug/kg	1120	427	1	03/27/21 14:29	03/29/21 17:03	100-01-6	
Nitrobenzene	ND	ug/kg	561	260	1	03/27/21 14:29	03/29/21 17:03	98-95-3	
2-Nitrophenol	ND	ug/kg	561	243	1	03/27/21 14:29	03/29/21 17:03	88-75-5	
4-Nitrophenol	ND	ug/kg	2810	1080	1	03/27/21 14:29	03/29/21 17:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	561	189	1	03/27/21 14:29	03/29/21 17:03	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	561	211	1	03/27/21 14:29	03/29/21 17:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	561	199	1	03/27/21 14:29	03/29/21 17:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	561	267	1	03/27/21 14:29	03/29/21 17:03	108-60-1	
Pentachlorophenol	ND	ug/kg	1120	549	1	03/27/21 14:29	03/29/21 17:03	87-86-5	
Phenanthrene	ND	ug/kg	561	184	1	03/27/21 14:29	03/29/21 17:03	85-01-8	
Phenol	ND	ug/kg	561	250	1	03/27/21 14:29	03/29/21 17:03	108-95-2	
Pyrene	ND	ug/kg	561	228	1	03/27/21 14:29	03/29/21 17:03	129-00-0	
Pyridine	ND	ug/kg	561	177	1	03/27/21 14:29	03/29/21 17:03	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	561	257	1	03/27/21 14:29	03/29/21 17:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	561	231	1	03/27/21 14:29	03/29/21 17:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	03/27/21 14:29	03/29/21 17:03	4165-60-0	
2-Fluorobiphenyl (S)	50	%	19-130		1	03/27/21 14:29	03/29/21 17:03	321-60-8	
Terphenyl-d14 (S)	66	%	15-130		1	03/27/21 14:29	03/29/21 17:03	1718-51-0	
Phenol-d6 (S)	51	%	18-130		1	03/27/21 14:29	03/29/21 17:03	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_2-2.5-20210324 **Lab ID:** 92529815004 Collected: 03/24/21 11:10 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	57	%	18-130		1	03/27/21 14:29	03/29/21 17:03	367-12-4	
2,4,6-Tribromophenol (S)	50	%	18-130		1	03/27/21 14:29	03/29/21 17:03	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	238	76.3	1	03/26/21 16:58	03/26/21 20:47	67-64-1	
Benzene	ND	ug/kg	11.9	4.7	1	03/26/21 16:58	03/26/21 20:47	71-43-2	
Bromobenzene	ND	ug/kg	11.9	3.9	1	03/26/21 16:58	03/26/21 20:47	108-86-1	
Bromochloromethane	ND	ug/kg	11.9	3.5	1	03/26/21 16:58	03/26/21 20:47	74-97-5	
Bromodichloromethane	ND	ug/kg	11.9	4.6	1	03/26/21 16:58	03/26/21 20:47	75-27-4	
Bromoform	ND	ug/kg	11.9	4.2	1	03/26/21 16:58	03/26/21 20:47	75-25-2	
Bromomethane	ND	ug/kg	23.8	18.8	1	03/26/21 16:58	03/26/21 20:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	238	57.1	1	03/26/21 16:58	03/26/21 20:47	78-93-3	
n-Butylbenzene	ND	ug/kg	11.9	5.6	1	03/26/21 16:58	03/26/21 20:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.9	5.2	1	03/26/21 16:58	03/26/21 20:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.9	4.2	1	03/26/21 16:58	03/26/21 20:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.9	4.4	1	03/26/21 16:58	03/26/21 20:47	56-23-5	
Chlorobenzene	ND	ug/kg	11.9	2.3	1	03/26/21 16:58	03/26/21 20:47	108-90-7	
Chloroethane	ND	ug/kg	23.8	9.2	1	03/26/21 16:58	03/26/21 20:47	75-00-3	
Chloroform	9.7J	ug/kg	11.9	7.2	1	03/26/21 16:58	03/26/21 20:47	67-66-3	1g
Chloromethane	ND	ug/kg	23.8	10	1	03/26/21 16:58	03/26/21 20:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.9	4.2	1	03/26/21 16:58	03/26/21 20:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.9	2.1	1	03/26/21 16:58	03/26/21 20:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.9	4.6	1	03/26/21 16:58	03/26/21 20:47	96-12-8	
Dibromochloromethane	ND	ug/kg	11.9	6.7	1	03/26/21 16:58	03/26/21 20:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.9	5.2	1	03/26/21 16:58	03/26/21 20:47	106-93-4	
Dibromomethane	ND	ug/kg	11.9	2.5	1	03/26/21 16:58	03/26/21 20:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.9	4.3	1	03/26/21 16:58	03/26/21 20:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.9	3.7	1	03/26/21 16:58	03/26/21 20:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.9	3.1	1	03/26/21 16:58	03/26/21 20:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	23.8	5.2	1	03/26/21 16:58	03/26/21 20:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.9	4.9	1	03/26/21 16:58	03/26/21 20:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.9	7.9	1	03/26/21 16:58	03/26/21 20:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.9	4.9	1	03/26/21 16:58	03/26/21 20:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.9	4.1	1	03/26/21 16:58	03/26/21 20:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.9	4.2	1	03/26/21 16:58	03/26/21 20:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.9	3.6	1	03/26/21 16:58	03/26/21 20:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.9	3.7	1	03/26/21 16:58	03/26/21 20:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.9	3.9	1	03/26/21 16:58	03/26/21 20:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.9	5.7	1	03/26/21 16:58	03/26/21 20:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.9	3.2	1	03/26/21 16:58	03/26/21 20:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.9	4.1	1	03/26/21 16:58	03/26/21 20:47	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5A_SE_2-2.5-20210324 **Lab ID:** 92529815004 Collected: 03/24/21 11:10 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	11.9	3.2	1	03/26/21 16:58	03/26/21 20:47	108-20-3	
Ethylbenzene	ND	ug/kg	11.9	5.5	1	03/26/21 16:58	03/26/21 20:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	23.8	19.5	1	03/26/21 16:58	03/26/21 20:47	87-68-3	
2-Hexanone	ND	ug/kg	119	11.5	1	03/26/21 16:58	03/26/21 20:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.9	4.0	1	03/26/21 16:58	03/26/21 20:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.9	5.8	1	03/26/21 16:58	03/26/21 20:47	99-87-6	
Methylene Chloride	ND	ug/kg	47.6	32.6	1	03/26/21 16:58	03/26/21 20:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	119	11.5	1	03/26/21 16:58	03/26/21 20:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.9	4.4	1	03/26/21 16:58	03/26/21 20:47	1634-04-4	
Naphthalene	ND	ug/kg	11.9	6.3	1	03/26/21 16:58	03/26/21 20:47	91-20-3	
n-Propylbenzene	ND	ug/kg	11.9	4.2	1	03/26/21 16:58	03/26/21 20:47	103-65-1	
Styrene	ND	ug/kg	11.9	3.1	1	03/26/21 16:58	03/26/21 20:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.9	4.6	1	03/26/21 16:58	03/26/21 20:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.9	3.1	1	03/26/21 16:58	03/26/21 20:47	79-34-5	
Tetrachloroethene	ND	ug/kg	11.9	3.8	1	03/26/21 16:58	03/26/21 20:47	127-18-4	
Toluene	ND	ug/kg	11.9	3.4	1	03/26/21 16:58	03/26/21 20:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.9	9.6	1	03/26/21 16:58	03/26/21 20:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.9	10	1	03/26/21 16:58	03/26/21 20:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.9	6.2	1	03/26/21 16:58	03/26/21 20:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.9	3.9	1	03/26/21 16:58	03/26/21 20:47	79-00-5	
Trichloroethene	ND	ug/kg	11.9	3.1	1	03/26/21 16:58	03/26/21 20:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.9	6.5	1	03/26/21 16:58	03/26/21 20:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.9	6.0	1	03/26/21 16:58	03/26/21 20:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.9	3.3	1	03/26/21 16:58	03/26/21 20:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.9	4.0	1	03/26/21 16:58	03/26/21 20:47	108-67-8	
Vinyl acetate	ND	ug/kg	119	8.7	1	03/26/21 16:58	03/26/21 20:47	108-05-4	
Vinyl chloride	ND	ug/kg	23.8	6.0	1	03/26/21 16:58	03/26/21 20:47	75-01-4	
Xylene (Total)	ND	ug/kg	23.8	6.8	1	03/26/21 16:58	03/26/21 20:47	1330-20-7	
m&p-Xylene	ND	ug/kg	23.8	8.1	1	03/26/21 16:58	03/26/21 20:47	179601-23-1	
o-Xylene	ND	ug/kg	11.9	5.3	1	03/26/21 16:58	03/26/21 20:47	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 20:47	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/26/21 16:58	03/26/21 20:47	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1	03/26/21 16:58	03/26/21 20:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	41.0	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_0-0.6-20210324 **Lab ID:** 92529815005 **Collected:** 03/24/21 10:00 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.2	19.5	1	03/27/21 14:32	03/28/21 14:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.2	20.5	1	03/27/21 14:32	03/28/21 14:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.2	18.6	1	03/27/21 14:32	03/28/21 14:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.2	10.0	1	03/27/21 14:32	03/28/21 14:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	53.2	13.3	1	03/27/21 14:32	03/28/21 14:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.2	10.0	1	03/27/21 14:32	03/28/21 14:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.2	12.7	1	03/27/21 14:32	03/28/21 14:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	103	%	10-160		1	03/27/21 14:32	03/28/21 14:13	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	1010	ug/kg	16.1	1.7	1	03/29/21 12:37	03/30/21 09:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	118	%	31-130		1	03/29/21 12:37	03/30/21 09:37	321-60-8	
Nitrobenzene-d5 (S)	121	%	32-130		1	03/29/21 12:37	03/30/21 09:37	4165-60-0	
Terphenyl-d14 (S)	153	%	24-130		1	03/29/21 12:37	03/30/21 09:37	1718-51-0	S0
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	525	184	1	03/27/21 14:29	03/29/21 17:31	83-32-9	
Acenaphthylene	ND	ug/kg	525	184	1	03/27/21 14:29	03/29/21 17:31	208-96-8	
Aniline	ND	ug/kg	525	205	1	03/27/21 14:29	03/29/21 17:31	62-53-3	v2
Anthracene	ND	ug/kg	525	172	1	03/27/21 14:29	03/29/21 17:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	525	175	1	03/27/21 14:29	03/29/21 17:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	525	175	1	03/27/21 14:29	03/29/21 17:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	525	204	1	03/27/21 14:29	03/29/21 17:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	525	184	1	03/27/21 14:29	03/29/21 17:31	207-08-9	
Benzoic Acid	ND	ug/kg	2620	1130	1	03/27/21 14:29	03/29/21 17:31	65-85-0	
Benzyl alcohol	ND	ug/kg	1050	398	1	03/27/21 14:29	03/29/21 17:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	525	202	1	03/27/21 14:29	03/29/21 17:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	525	221	1	03/27/21 14:29	03/29/21 17:31	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1050	369	1	03/27/21 14:29	03/29/21 17:31	59-50-7	
4-Chloroaniline	ND	ug/kg	1050	412	1	03/27/21 14:29	03/29/21 17:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	525	218	1	03/27/21 14:29	03/29/21 17:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	525	197	1	03/27/21 14:29	03/29/21 17:31	111-44-4	
2-Chloronaphthalene	ND	ug/kg	525	208	1	03/27/21 14:29	03/29/21 17:31	91-58-7	
2-Chlorophenol	ND	ug/kg	525	197	1	03/27/21 14:29	03/29/21 17:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	525	196	1	03/27/21 14:29	03/29/21 17:31	7005-72-3	
Chrysene	ND	ug/kg	525	191	1	03/27/21 14:29	03/29/21 17:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	525	202	1	03/27/21 14:29	03/29/21 17:31	53-70-3	
Dibenzofuran	ND	ug/kg	525	189	1	03/27/21 14:29	03/29/21 17:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1050	355	1	03/27/21 14:29	03/29/21 17:31	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_0-0.6-20210324 **Lab ID:** 92529815005 Collected: 03/24/21 10:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	525	205	1	03/27/21 14:29	03/29/21 17:31	120-83-2	
Diethylphthalate	ND	ug/kg	525	192	1	03/27/21 14:29	03/29/21 17:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	525	218	1	03/27/21 14:29	03/29/21 17:31	105-67-9	
Dimethylphthalate	ND	ug/kg	525	191	1	03/27/21 14:29	03/29/21 17:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	525	177	1	03/27/21 14:29	03/29/21 17:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1050	490	1	03/27/21 14:29	03/29/21 17:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2620	1620	1	03/27/21 14:29	03/29/21 17:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	525	202	1	03/27/21 14:29	03/29/21 17:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	525	192	1	03/27/21 14:29	03/29/21 17:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	525	207	1	03/27/21 14:29	03/29/21 17:31	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	525	204	1	03/27/21 14:29	03/29/21 17:31	117-81-7	v1
Fluoranthene	ND	ug/kg	525	180	1	03/27/21 14:29	03/29/21 17:31	206-44-0	
Fluorene	ND	ug/kg	525	184	1	03/27/21 14:29	03/29/21 17:31	86-73-7	
Hexachlorobenzene	ND	ug/kg	525	205	1	03/27/21 14:29	03/29/21 17:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	525	301	1	03/27/21 14:29	03/29/21 17:31	77-47-4	v2
Hexachloroethane	ND	ug/kg	525	200	1	03/27/21 14:29	03/29/21 17:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	525	207	1	03/27/21 14:29	03/29/21 17:31	193-39-5	
Isophorone	ND	ug/kg	525	234	1	03/27/21 14:29	03/29/21 17:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	525	184	1	03/27/21 14:29	03/29/21 17:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	525	210	1	03/27/21 14:29	03/29/21 17:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	525	215	1	03/27/21 14:29	03/29/21 17:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	525	212	1	03/27/21 14:29	03/29/21 17:31	15831-10-4	
2-Nitroaniline	ND	ug/kg	2620	429	1	03/27/21 14:29	03/29/21 17:31	88-74-4	
3-Nitroaniline	ND	ug/kg	2620	412	1	03/27/21 14:29	03/29/21 17:31	99-09-2	
4-Nitroaniline	ND	ug/kg	1050	399	1	03/27/21 14:29	03/29/21 17:31	100-01-6	
Nitrobenzene	ND	ug/kg	525	243	1	03/27/21 14:29	03/29/21 17:31	98-95-3	
2-Nitrophenol	ND	ug/kg	525	227	1	03/27/21 14:29	03/29/21 17:31	88-75-5	
4-Nitrophenol	ND	ug/kg	2620	1010	1	03/27/21 14:29	03/29/21 17:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	525	177	1	03/27/21 14:29	03/29/21 17:31	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	525	197	1	03/27/21 14:29	03/29/21 17:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	525	186	1	03/27/21 14:29	03/29/21 17:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	525	250	1	03/27/21 14:29	03/29/21 17:31	108-60-1	
Pentachlorophenol	ND	ug/kg	1050	514	1	03/27/21 14:29	03/29/21 17:31	87-86-5	
Phenanthrene	ND	ug/kg	525	172	1	03/27/21 14:29	03/29/21 17:31	85-01-8	
Phenol	ND	ug/kg	525	234	1	03/27/21 14:29	03/29/21 17:31	108-95-2	
Pyrene	ND	ug/kg	525	213	1	03/27/21 14:29	03/29/21 17:31	129-00-0	
Pyridine	ND	ug/kg	525	165	1	03/27/21 14:29	03/29/21 17:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	525	240	1	03/27/21 14:29	03/29/21 17:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	525	216	1	03/27/21 14:29	03/29/21 17:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	03/27/21 14:29	03/29/21 17:31	4165-60-0	
2-Fluorobiphenyl (S)	59	%	19-130		1	03/27/21 14:29	03/29/21 17:31	321-60-8	
Terphenyl-d14 (S)	78	%	15-130		1	03/27/21 14:29	03/29/21 17:31	1718-51-0	
Phenol-d6 (S)	54	%	18-130		1	03/27/21 14:29	03/29/21 17:31	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_0-0.6-20210324 **Lab ID:** 92529815005 Collected: 03/24/21 10:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	57	%	18-130		1	03/27/21 14:29	03/29/21 17:31	367-12-4	
2,4,6-Tribromophenol (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 17:31	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	237	76.0	1	03/26/21 16:58	03/26/21 21:05	67-64-1	
Benzene	ND	ug/kg	11.8	4.7	1	03/26/21 16:58	03/26/21 21:05	71-43-2	
Bromobenzene	ND	ug/kg	11.8	3.9	1	03/26/21 16:58	03/26/21 21:05	108-86-1	
Bromochloromethane	ND	ug/kg	11.8	3.5	1	03/26/21 16:58	03/26/21 21:05	74-97-5	
Bromodichloromethane	ND	ug/kg	11.8	4.6	1	03/26/21 16:58	03/26/21 21:05	75-27-4	
Bromoform	ND	ug/kg	11.8	4.2	1	03/26/21 16:58	03/26/21 21:05	75-25-2	
Bromomethane	ND	ug/kg	23.7	18.7	1	03/26/21 16:58	03/26/21 21:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	237	56.8	1	03/26/21 16:58	03/26/21 21:05	78-93-3	
n-Butylbenzene	ND	ug/kg	11.8	5.6	1	03/26/21 16:58	03/26/21 21:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.8	5.2	1	03/26/21 16:58	03/26/21 21:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.8	4.2	1	03/26/21 16:58	03/26/21 21:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.8	4.4	1	03/26/21 16:58	03/26/21 21:05	56-23-5	
Chlorobenzene	ND	ug/kg	11.8	2.3	1	03/26/21 16:58	03/26/21 21:05	108-90-7	
Chloroethane	ND	ug/kg	23.7	9.1	1	03/26/21 16:58	03/26/21 21:05	75-00-3	
Chloroform	8.9J	ug/kg	11.8	7.2	1	03/26/21 16:58	03/26/21 21:05	67-66-3	1g
Chloromethane	ND	ug/kg	23.7	9.9	1	03/26/21 16:58	03/26/21 21:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.8	4.2	1	03/26/21 16:58	03/26/21 21:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.8	2.1	1	03/26/21 16:58	03/26/21 21:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.8	4.6	1	03/26/21 16:58	03/26/21 21:05	96-12-8	
Dibromochloromethane	ND	ug/kg	11.8	6.7	1	03/26/21 16:58	03/26/21 21:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.8	5.2	1	03/26/21 16:58	03/26/21 21:05	106-93-4	
Dibromomethane	ND	ug/kg	11.8	2.5	1	03/26/21 16:58	03/26/21 21:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.8	4.3	1	03/26/21 16:58	03/26/21 21:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.8	3.7	1	03/26/21 16:58	03/26/21 21:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.8	3.1	1	03/26/21 16:58	03/26/21 21:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	23.7	5.1	1	03/26/21 16:58	03/26/21 21:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.8	4.9	1	03/26/21 16:58	03/26/21 21:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.8	7.8	1	03/26/21 16:58	03/26/21 21:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.8	4.9	1	03/26/21 16:58	03/26/21 21:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.8	4.0	1	03/26/21 16:58	03/26/21 21:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.8	4.1	1	03/26/21 16:58	03/26/21 21:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.8	3.6	1	03/26/21 16:58	03/26/21 21:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.8	3.7	1	03/26/21 16:58	03/26/21 21:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.8	3.9	1	03/26/21 16:58	03/26/21 21:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.8	5.7	1	03/26/21 16:58	03/26/21 21:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.8	3.2	1	03/26/21 16:58	03/26/21 21:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.8	4.1	1	03/26/21 16:58	03/26/21 21:05	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_0-0.6-20210324 **Lab ID:** 92529815005 Collected: 03/24/21 10:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	11.8	3.2	1	03/26/21 16:58	03/26/21 21:05	108-20-3	
Ethylbenzene	ND	ug/kg	11.8	5.5	1	03/26/21 16:58	03/26/21 21:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	23.7	19.4	1	03/26/21 16:58	03/26/21 21:05	87-68-3	
2-Hexanone	ND	ug/kg	118	11.4	1	03/26/21 16:58	03/26/21 21:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.8	4.0	1	03/26/21 16:58	03/26/21 21:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.8	5.8	1	03/26/21 16:58	03/26/21 21:05	99-87-6	
Methylene Chloride	ND	ug/kg	47.3	32.4	1	03/26/21 16:58	03/26/21 21:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	118	11.4	1	03/26/21 16:58	03/26/21 21:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.8	4.4	1	03/26/21 16:58	03/26/21 21:05	1634-04-4	
Naphthalene	ND	ug/kg	11.8	6.2	1	03/26/21 16:58	03/26/21 21:05	91-20-3	
n-Propylbenzene	ND	ug/kg	11.8	4.2	1	03/26/21 16:58	03/26/21 21:05	103-65-1	
Styrene	ND	ug/kg	11.8	3.1	1	03/26/21 16:58	03/26/21 21:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.8	4.5	1	03/26/21 16:58	03/26/21 21:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.8	3.1	1	03/26/21 16:58	03/26/21 21:05	79-34-5	
Tetrachloroethene	ND	ug/kg	11.8	3.7	1	03/26/21 16:58	03/26/21 21:05	127-18-4	
Toluene	ND	ug/kg	11.8	3.4	1	03/26/21 16:58	03/26/21 21:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.8	9.6	1	03/26/21 16:58	03/26/21 21:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.8	9.9	1	03/26/21 16:58	03/26/21 21:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.8	6.2	1	03/26/21 16:58	03/26/21 21:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.8	3.9	1	03/26/21 16:58	03/26/21 21:05	79-00-5	
Trichloroethene	ND	ug/kg	11.8	3.1	1	03/26/21 16:58	03/26/21 21:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.8	6.5	1	03/26/21 16:58	03/26/21 21:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.8	6.0	1	03/26/21 16:58	03/26/21 21:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.8	3.2	1	03/26/21 16:58	03/26/21 21:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.8	4.0	1	03/26/21 16:58	03/26/21 21:05	108-67-8	
Vinyl acetate	ND	ug/kg	118	8.6	1	03/26/21 16:58	03/26/21 21:05	108-05-4	
Vinyl chloride	ND	ug/kg	23.7	6.0	1	03/26/21 16:58	03/26/21 21:05	75-01-4	
Xylene (Total)	ND	ug/kg	23.7	6.7	1	03/26/21 16:58	03/26/21 21:05	1330-20-7	
m&p-Xylene	ND	ug/kg	23.7	8.1	1	03/26/21 16:58	03/26/21 21:05	179601-23-1	
o-Xylene	ND	ug/kg	11.8	5.2	1	03/26/21 16:58	03/26/21 21:05	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 21:05	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/26/21 16:58	03/26/21 21:05	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1	03/26/21 16:58	03/26/21 21:05	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	38.2	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_2-2.5-20210324 **Lab ID:** 92529815006 Collected: 03/24/21 10:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.9	17.9	1	03/27/21 14:32	03/28/21 14:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.9	18.9	1	03/27/21 14:32	03/28/21 14:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.9	17.1	1	03/27/21 14:32	03/28/21 14:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.9	9.2	1	03/27/21 14:32	03/28/21 14:28	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.9	12.2	1	03/27/21 14:32	03/28/21 14:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.9	9.2	1	03/27/21 14:32	03/28/21 14:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.9	11.7	1	03/27/21 14:32	03/28/21 14:28	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	105	%	10-160		1	03/27/21 14:32	03/28/21 14:28	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3.7J	ug/kg	14.8	1.5	1	03/29/21 12:37	03/30/21 09:59	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	105	%	31-130		1	03/29/21 12:37	03/30/21 09:59	321-60-8	
Nitrobenzene-d5 (S)	124	%	32-130		1	03/29/21 12:37	03/30/21 09:59	4165-60-0	
Terphenyl-d14 (S)	141	%	24-130		1	03/29/21 12:37	03/30/21 09:59	1718-51-0	S3
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	489	172	1	03/27/21 14:29	03/30/21 12:54	83-32-9	
Acenaphthylene	ND	ug/kg	489	172	1	03/27/21 14:29	03/30/21 12:54	208-96-8	
Aniline	ND	ug/kg	489	191	1	03/27/21 14:29	03/30/21 12:54	62-53-3	
Anthracene	ND	ug/kg	489	160	1	03/27/21 14:29	03/30/21 12:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	489	163	1	03/27/21 14:29	03/30/21 12:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	489	163	1	03/27/21 14:29	03/30/21 12:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	489	190	1	03/27/21 14:29	03/30/21 12:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	489	172	1	03/27/21 14:29	03/30/21 12:54	207-08-9	
Benzoic Acid	ND	ug/kg	2450	1050	1	03/27/21 14:29	03/30/21 12:54	65-85-0	
Benzyl alcohol	ND	ug/kg	978	371	1	03/27/21 14:29	03/30/21 12:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	489	188	1	03/27/21 14:29	03/30/21 12:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	489	206	1	03/27/21 14:29	03/30/21 12:54	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	978	344	1	03/27/21 14:29	03/30/21 12:54	59-50-7	
4-Chloroaniline	ND	ug/kg	978	384	1	03/27/21 14:29	03/30/21 12:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	489	203	1	03/27/21 14:29	03/30/21 12:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	489	184	1	03/27/21 14:29	03/30/21 12:54	111-44-4	
2-Chloronaphthalene	ND	ug/kg	489	194	1	03/27/21 14:29	03/30/21 12:54	91-58-7	
2-Chlorophenol	ND	ug/kg	489	184	1	03/27/21 14:29	03/30/21 12:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	489	182	1	03/27/21 14:29	03/30/21 12:54	7005-72-3	
Chrysene	ND	ug/kg	489	178	1	03/27/21 14:29	03/30/21 12:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	489	188	1	03/27/21 14:29	03/30/21 12:54	53-70-3	
Dibenzofuran	ND	ug/kg	489	176	1	03/27/21 14:29	03/30/21 12:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	978	331	1	03/27/21 14:29	03/30/21 12:54	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_2-2.5-20210324 **Lab ID:** 92529815006 Collected: 03/24/21 10:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	489	191	1	03/27/21 14:29	03/30/21 12:54	120-83-2	
Diethylphthalate	ND	ug/kg	489	179	1	03/27/21 14:29	03/30/21 12:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	489	203	1	03/27/21 14:29	03/30/21 12:54	105-67-9	
Dimethylphthalate	ND	ug/kg	489	178	1	03/27/21 14:29	03/30/21 12:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	489	165	1	03/27/21 14:29	03/30/21 12:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	978	456	1	03/27/21 14:29	03/30/21 12:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2450	1510	1	03/27/21 14:29	03/30/21 12:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	489	188	1	03/27/21 14:29	03/30/21 12:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	489	179	1	03/27/21 14:29	03/30/21 12:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	489	193	1	03/27/21 14:29	03/30/21 12:54	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	489	190	1	03/27/21 14:29	03/30/21 12:54	117-81-7	v1
Fluoranthene	ND	ug/kg	489	167	1	03/27/21 14:29	03/30/21 12:54	206-44-0	
Fluorene	ND	ug/kg	489	172	1	03/27/21 14:29	03/30/21 12:54	86-73-7	
Hexachlorobenzene	ND	ug/kg	489	191	1	03/27/21 14:29	03/30/21 12:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	489	280	1	03/27/21 14:29	03/30/21 12:54	77-47-4	v2
Hexachloroethane	ND	ug/kg	489	187	1	03/27/21 14:29	03/30/21 12:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	489	193	1	03/27/21 14:29	03/30/21 12:54	193-39-5	
Isophorone	ND	ug/kg	489	218	1	03/27/21 14:29	03/30/21 12:54	78-59-1	
1-Methylnaphthalene	ND	ug/kg	489	172	1	03/27/21 14:29	03/30/21 12:54	90-12-0	
2-Methylnaphthalene	ND	ug/kg	489	196	1	03/27/21 14:29	03/30/21 12:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	489	200	1	03/27/21 14:29	03/30/21 12:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	489	197	1	03/27/21 14:29	03/30/21 12:54	15831-10-4	
2-Nitroaniline	ND	ug/kg	2450	400	1	03/27/21 14:29	03/30/21 12:54	88-74-4	
3-Nitroaniline	ND	ug/kg	2450	384	1	03/27/21 14:29	03/30/21 12:54	99-09-2	IL
4-Nitroaniline	ND	ug/kg	978	372	1	03/27/21 14:29	03/30/21 12:54	100-01-6	
Nitrobenzene	ND	ug/kg	489	227	1	03/27/21 14:29	03/30/21 12:54	98-95-3	
2-Nitrophenol	ND	ug/kg	489	212	1	03/27/21 14:29	03/30/21 12:54	88-75-5	
4-Nitrophenol	ND	ug/kg	2450	946	1	03/27/21 14:29	03/30/21 12:54	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	489	165	1	03/27/21 14:29	03/30/21 12:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	489	184	1	03/27/21 14:29	03/30/21 12:54	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	489	173	1	03/27/21 14:29	03/30/21 12:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	489	233	1	03/27/21 14:29	03/30/21 12:54	108-60-1	v1
Pentachlorophenol	ND	ug/kg	978	479	1	03/27/21 14:29	03/30/21 12:54	87-86-5	
Phenanthrene	ND	ug/kg	489	160	1	03/27/21 14:29	03/30/21 12:54	85-01-8	
Phenol	ND	ug/kg	489	218	1	03/27/21 14:29	03/30/21 12:54	108-95-2	
Pyrene	ND	ug/kg	489	199	1	03/27/21 14:29	03/30/21 12:54	129-00-0	
Pyridine	ND	ug/kg	489	154	1	03/27/21 14:29	03/30/21 12:54	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	489	224	1	03/27/21 14:29	03/30/21 12:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	489	202	1	03/27/21 14:29	03/30/21 12:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	21-130		1	03/27/21 14:29	03/30/21 12:54	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	03/27/21 14:29	03/30/21 12:54	321-60-8	
Terphenyl-d14 (S)	63	%	15-130		1	03/27/21 14:29	03/30/21 12:54	1718-51-0	
Phenol-d6 (S)	51	%	18-130		1	03/27/21 14:29	03/30/21 12:54	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_2-2.5-20210324 **Lab ID:** 92529815006 Collected: 03/24/21 10:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	50	%	18-130		1	03/27/21 14:29	03/30/21 12:54	367-12-4	
2,4,6-Tribromophenol (S)	46	%	18-130		1	03/27/21 14:29	03/30/21 12:54	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	160	51.3	1	03/26/21 16:58	03/26/21 21:23	67-64-1	
Benzene	ND	ug/kg	8.0	3.2	1	03/26/21 16:58	03/26/21 21:23	71-43-2	
Bromobenzene	ND	ug/kg	8.0	2.6	1	03/26/21 16:58	03/26/21 21:23	108-86-1	
Bromochloromethane	ND	ug/kg	8.0	2.4	1	03/26/21 16:58	03/26/21 21:23	74-97-5	
Bromodichloromethane	ND	ug/kg	8.0	3.1	1	03/26/21 16:58	03/26/21 21:23	75-27-4	
Bromoform	ND	ug/kg	8.0	2.8	1	03/26/21 16:58	03/26/21 21:23	75-25-2	
Bromomethane	ND	ug/kg	16.0	12.6	1	03/26/21 16:58	03/26/21 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	160	38.4	1	03/26/21 16:58	03/26/21 21:23	78-93-3	
n-Butylbenzene	ND	ug/kg	8.0	3.8	1	03/26/21 16:58	03/26/21 21:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.0	3.5	1	03/26/21 16:58	03/26/21 21:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.0	2.8	1	03/26/21 16:58	03/26/21 21:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.0	3.0	1	03/26/21 16:58	03/26/21 21:23	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	1.5	1	03/26/21 16:58	03/26/21 21:23	108-90-7	
Chloroethane	ND	ug/kg	16.0	6.2	1	03/26/21 16:58	03/26/21 21:23	75-00-3	
Chloroform	6.6J	ug/kg	8.0	4.9	1	03/26/21 16:58	03/26/21 21:23	67-66-3	1g
Chloromethane	ND	ug/kg	16.0	6.7	1	03/26/21 16:58	03/26/21 21:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.0	2.8	1	03/26/21 16:58	03/26/21 21:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.0	1.4	1	03/26/21 16:58	03/26/21 21:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	3.1	1	03/26/21 16:58	03/26/21 21:23	96-12-8	
Dibromochloromethane	ND	ug/kg	8.0	4.5	1	03/26/21 16:58	03/26/21 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	3.5	1	03/26/21 16:58	03/26/21 21:23	106-93-4	
Dibromomethane	ND	ug/kg	8.0	1.7	1	03/26/21 16:58	03/26/21 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.0	2.9	1	03/26/21 16:58	03/26/21 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	2.5	1	03/26/21 16:58	03/26/21 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	2.1	1	03/26/21 16:58	03/26/21 21:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.0	3.5	1	03/26/21 16:58	03/26/21 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.0	3.3	1	03/26/21 16:58	03/26/21 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	5.3	1	03/26/21 16:58	03/26/21 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.0	3.3	1	03/26/21 16:58	03/26/21 21:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	2.7	1	03/26/21 16:58	03/26/21 21:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	2.8	1	03/26/21 16:58	03/26/21 21:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	2.4	1	03/26/21 16:58	03/26/21 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.0	2.5	1	03/26/21 16:58	03/26/21 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.0	2.6	1	03/26/21 16:58	03/26/21 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.0	3.8	1	03/26/21 16:58	03/26/21 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	2.2	1	03/26/21 16:58	03/26/21 21:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	2.7	1	03/26/21 16:58	03/26/21 21:23	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-5B_SE_2-2.5-20210324 **Lab ID:** 92529815006 Collected: 03/24/21 10:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.0	2.2	1	03/26/21 16:58	03/26/21 21:23	108-20-3	
Ethylbenzene	ND	ug/kg	8.0	3.7	1	03/26/21 16:58	03/26/21 21:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.0	13.1	1	03/26/21 16:58	03/26/21 21:23	87-68-3	
2-Hexanone	ND	ug/kg	79.9	7.7	1	03/26/21 16:58	03/26/21 21:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	2.7	1	03/26/21 16:58	03/26/21 21:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	3.9	1	03/26/21 16:58	03/26/21 21:23	99-87-6	
Methylene Chloride	ND	ug/kg	32.0	21.9	1	03/26/21 16:58	03/26/21 21:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	79.9	7.7	1	03/26/21 16:58	03/26/21 21:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.0	3.0	1	03/26/21 16:58	03/26/21 21:23	1634-04-4	
Naphthalene	ND	ug/kg	8.0	4.2	1	03/26/21 16:58	03/26/21 21:23	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	2.8	1	03/26/21 16:58	03/26/21 21:23	103-65-1	
Styrene	ND	ug/kg	8.0	2.1	1	03/26/21 16:58	03/26/21 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.0	3.1	1	03/26/21 16:58	03/26/21 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	2.1	1	03/26/21 16:58	03/26/21 21:23	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	2.5	1	03/26/21 16:58	03/26/21 21:23	127-18-4	
Toluene	ND	ug/kg	8.0	2.3	1	03/26/21 16:58	03/26/21 21:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.0	6.5	1	03/26/21 16:58	03/26/21 21:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.0	6.7	1	03/26/21 16:58	03/26/21 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.0	4.2	1	03/26/21 16:58	03/26/21 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	2.7	1	03/26/21 16:58	03/26/21 21:23	79-00-5	
Trichloroethene	ND	ug/kg	8.0	2.1	1	03/26/21 16:58	03/26/21 21:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.0	4.4	1	03/26/21 16:58	03/26/21 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.0	4.0	1	03/26/21 16:58	03/26/21 21:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	2.2	1	03/26/21 16:58	03/26/21 21:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	2.7	1	03/26/21 16:58	03/26/21 21:23	108-67-8	
Vinyl acetate	ND	ug/kg	79.9	5.8	1	03/26/21 16:58	03/26/21 21:23	108-05-4	
Vinyl chloride	ND	ug/kg	16.0	4.1	1	03/26/21 16:58	03/26/21 21:23	75-01-4	
Xylene (Total)	ND	ug/kg	16.0	4.6	1	03/26/21 16:58	03/26/21 21:23	1330-20-7	
m&p-Xylene	ND	ug/kg	16.0	5.5	1	03/26/21 16:58	03/26/21 21:23	179601-23-1	
o-Xylene	ND	ug/kg	8.0	3.5	1	03/26/21 16:58	03/26/21 21:23	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 21:23	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-134		1	03/26/21 16:58	03/26/21 21:23	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	03/26/21 16:58	03/26/21 21:23	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	31.4	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Sample: DA4-SB-6_SE_0-0.6-20210324 **Lab ID:** 92529815007 Collected: 03/24/21 13:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	87.5	32.0	1	03/27/21 14:32	03/28/21 14:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	87.5	33.7	1	03/27/21 14:32	03/28/21 14:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	87.5	30.6	1	03/27/21 14:32	03/28/21 14:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	87.5	16.5	1	03/27/21 14:32	03/28/21 14:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	87.5	21.8	1	03/27/21 14:32	03/28/21 14:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	87.5	16.5	1	03/27/21 14:32	03/28/21 14:42	11097-69-1	
PCB-1260 (Aroclor 1260)	228	ug/kg	87.5	20.9	1	03/27/21 14:32	03/28/21 14:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	100	%	10-160		1	03/27/21 14:32	03/28/21 14:42	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3600	ug/kg	132	13.6	5	03/29/21 12:37	03/30/21 13:39	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	80	%	31-130		1	03/29/21 12:37	03/30/21 10:21	321-60-8	
Nitrobenzene-d5 (S)	95	%	32-130		1	03/29/21 12:37	03/30/21 10:21	4165-60-0	
Terphenyl-d14 (S)	97	%	24-130		1	03/29/21 12:37	03/30/21 10:21	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	794J	ug/kg	883	311	1	03/27/21 14:29	03/29/21 18:26	83-32-9	
Acenaphthylene	501J	ug/kg	883	311	1	03/27/21 14:29	03/29/21 18:26	208-96-8	
Aniline	ND	ug/kg	883	345	1	03/27/21 14:29	03/29/21 18:26	62-53-3	v2
Anthracene	1500	ug/kg	883	289	1	03/27/21 14:29	03/29/21 18:26	120-12-7	
Benzo(a)anthracene	2990	ug/kg	883	294	1	03/27/21 14:29	03/29/21 18:26	56-55-3	
Benzo(b)fluoranthene	2900	ug/kg	883	294	1	03/27/21 14:29	03/29/21 18:26	205-99-2	
Benzo(g,h,i)perylene	1430	ug/kg	883	343	1	03/27/21 14:29	03/29/21 18:26	191-24-2	
Benzo(k)fluoranthene	1180	ug/kg	883	311	1	03/27/21 14:29	03/29/21 18:26	207-08-9	
Benzoic Acid	ND	ug/kg	4420	1900	1	03/27/21 14:29	03/29/21 18:26	65-85-0	
Benzyl alcohol	ND	ug/kg	1770	669	1	03/27/21 14:29	03/29/21 18:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	883	340	1	03/27/21 14:29	03/29/21 18:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	883	372	1	03/27/21 14:29	03/29/21 18:26	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1770	621	1	03/27/21 14:29	03/29/21 18:26	59-50-7	
4-Chloroaniline	ND	ug/kg	1770	693	1	03/27/21 14:29	03/29/21 18:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	883	367	1	03/27/21 14:29	03/29/21 18:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	883	332	1	03/27/21 14:29	03/29/21 18:26	111-44-4	
2-Chloronaphthalene	ND	ug/kg	883	351	1	03/27/21 14:29	03/29/21 18:26	91-58-7	
2-Chlorophenol	ND	ug/kg	883	332	1	03/27/21 14:29	03/29/21 18:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	883	329	1	03/27/21 14:29	03/29/21 18:26	7005-72-3	
Chrysene	2570	ug/kg	883	321	1	03/27/21 14:29	03/29/21 18:26	218-01-9	
Dibenz(a,h)anthracene	360J	ug/kg	883	340	1	03/27/21 14:29	03/29/21 18:26	53-70-3	
Dibenzofuran	457J	ug/kg	883	319	1	03/27/21 14:29	03/29/21 18:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1770	597	1	03/27/21 14:29	03/29/21 18:26	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_0-0.6-20210324 Lab ID: 92529815007 Collected: 03/24/21 13:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	883	345	1	03/27/21 14:29	03/29/21 18:26	120-83-2	
Diethylphthalate	ND	ug/kg	883	324	1	03/27/21 14:29	03/29/21 18:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	883	367	1	03/27/21 14:29	03/29/21 18:26	105-67-9	
Dimethylphthalate	ND	ug/kg	883	321	1	03/27/21 14:29	03/29/21 18:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	883	297	1	03/27/21 14:29	03/29/21 18:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1770	825	1	03/27/21 14:29	03/29/21 18:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4420	2730	1	03/27/21 14:29	03/29/21 18:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	883	340	1	03/27/21 14:29	03/29/21 18:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	883	324	1	03/27/21 14:29	03/29/21 18:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	883	348	1	03/27/21 14:29	03/29/21 18:26	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	883	343	1	03/27/21 14:29	03/29/21 18:26	117-81-7	v1
Fluoranthene	5320	ug/kg	883	303	1	03/27/21 14:29	03/29/21 18:26	206-44-0	
Fluorene	865J	ug/kg	883	311	1	03/27/21 14:29	03/29/21 18:26	86-73-7	
Hexachlorobenzene	ND	ug/kg	883	345	1	03/27/21 14:29	03/29/21 18:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	883	506	1	03/27/21 14:29	03/29/21 18:26	77-47-4	v2
Hexachloroethane	ND	ug/kg	883	337	1	03/27/21 14:29	03/29/21 18:26	67-72-1	
Indeno(1,2,3-cd)pyrene	1250	ug/kg	883	348	1	03/27/21 14:29	03/29/21 18:26	193-39-5	
Isophorone	ND	ug/kg	883	394	1	03/27/21 14:29	03/29/21 18:26	78-59-1	
1-Methylnaphthalene	315J	ug/kg	883	311	1	03/27/21 14:29	03/29/21 18:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	883	353	1	03/27/21 14:29	03/29/21 18:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	883	361	1	03/27/21 14:29	03/29/21 18:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	883	356	1	03/27/21 14:29	03/29/21 18:26	15831-10-4	
2-Nitroaniline	ND	ug/kg	4420	723	1	03/27/21 14:29	03/29/21 18:26	88-74-4	
3-Nitroaniline	ND	ug/kg	4420	693	1	03/27/21 14:29	03/29/21 18:26	99-09-2	
4-Nitroaniline	ND	ug/kg	1770	672	1	03/27/21 14:29	03/29/21 18:26	100-01-6	
Nitrobenzene	ND	ug/kg	883	410	1	03/27/21 14:29	03/29/21 18:26	98-95-3	
2-Nitrophenol	ND	ug/kg	883	383	1	03/27/21 14:29	03/29/21 18:26	88-75-5	
4-Nitrophenol	ND	ug/kg	4420	1710	1	03/27/21 14:29	03/29/21 18:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	883	297	1	03/27/21 14:29	03/29/21 18:26	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	883	332	1	03/27/21 14:29	03/29/21 18:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	883	313	1	03/27/21 14:29	03/29/21 18:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	883	420	1	03/27/21 14:29	03/29/21 18:26	108-60-1	
Pentachlorophenol	ND	ug/kg	1770	865	1	03/27/21 14:29	03/29/21 18:26	87-86-5	
Phenanthrene	3070	ug/kg	883	289	1	03/27/21 14:29	03/29/21 18:26	85-01-8	
Phenol	ND	ug/kg	883	394	1	03/27/21 14:29	03/29/21 18:26	108-95-2	
Pyrene	5830	ug/kg	883	359	1	03/27/21 14:29	03/29/21 18:26	129-00-0	
Pyridine	ND	ug/kg	883	278	1	03/27/21 14:29	03/29/21 18:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	883	404	1	03/27/21 14:29	03/29/21 18:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	883	364	1	03/27/21 14:29	03/29/21 18:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	03/27/21 14:29	03/29/21 18:26	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	03/27/21 14:29	03/29/21 18:26	321-60-8	
Terphenyl-d14 (S)	32	%	15-130		1	03/27/21 14:29	03/29/21 18:26	1718-51-0	
Phenol-d6 (S)	52	%	18-130		1	03/27/21 14:29	03/29/21 18:26	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_0-0.6-20210324 **Lab ID:** 92529815007 **Collected:** 03/24/21 13:00 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	54	%	18-130		1	03/27/21 14:29	03/29/21 18:26	367-12-4	
2,4,6-Tribromophenol (S)	54	%	18-130		1	03/27/21 14:29	03/29/21 18:26	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	301J	ug/kg	492	158	1	03/26/21 16:58	03/26/21 21:41	67-64-1	
Benzene	37.8	ug/kg	24.6	9.8	1	03/26/21 16:58	03/26/21 21:41	71-43-2	
Bromobenzene	ND	ug/kg	24.6	8.0	1	03/26/21 16:58	03/26/21 21:41	108-86-1	
Bromochloromethane	ND	ug/kg	24.6	7.3	1	03/26/21 16:58	03/26/21 21:41	74-97-5	
Bromodichloromethane	ND	ug/kg	24.6	9.5	1	03/26/21 16:58	03/26/21 21:41	75-27-4	
Bromoform	ND	ug/kg	24.6	8.7	1	03/26/21 16:58	03/26/21 21:41	75-25-2	
Bromomethane	ND	ug/kg	49.2	38.9	1	03/26/21 16:58	03/26/21 21:41	74-83-9	
2-Butanone (MEK)	124J	ug/kg	492	118	1	03/26/21 16:58	03/26/21 21:41	78-93-3	
n-Butylbenzene	ND	ug/kg	24.6	11.6	1	03/26/21 16:58	03/26/21 21:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	24.6	10.8	1	03/26/21 16:58	03/26/21 21:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	24.6	8.8	1	03/26/21 16:58	03/26/21 21:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	24.6	9.2	1	03/26/21 16:58	03/26/21 21:41	56-23-5	
Chlorobenzene	ND	ug/kg	24.6	4.7	1	03/26/21 16:58	03/26/21 21:41	108-90-7	
Chloroethane	ND	ug/kg	49.2	19.0	1	03/26/21 16:58	03/26/21 21:41	75-00-3	
Chloroform	19.4J	ug/kg	24.6	15.0	1	03/26/21 16:58	03/26/21 21:41	67-66-3	1g
Chloromethane	ND	ug/kg	49.2	20.7	1	03/26/21 16:58	03/26/21 21:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	24.6	8.7	1	03/26/21 16:58	03/26/21 21:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	24.6	4.4	1	03/26/21 16:58	03/26/21 21:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	24.6	9.5	1	03/26/21 16:58	03/26/21 21:41	96-12-8	
Dibromochloromethane	ND	ug/kg	24.6	13.8	1	03/26/21 16:58	03/26/21 21:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	24.6	10.8	1	03/26/21 16:58	03/26/21 21:41	106-93-4	
Dibromomethane	ND	ug/kg	24.6	5.3	1	03/26/21 16:58	03/26/21 21:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	24.6	8.9	1	03/26/21 16:58	03/26/21 21:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	24.6	7.6	1	03/26/21 16:58	03/26/21 21:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	24.6	6.4	1	03/26/21 16:58	03/26/21 21:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	49.2	10.7	1	03/26/21 16:58	03/26/21 21:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	24.6	10.1	1	03/26/21 16:58	03/26/21 21:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	24.6	16.3	1	03/26/21 16:58	03/26/21 21:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	24.6	10.1	1	03/26/21 16:58	03/26/21 21:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	24.6	8.4	1	03/26/21 16:58	03/26/21 21:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	24.6	8.6	1	03/26/21 16:58	03/26/21 21:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	24.6	7.4	1	03/26/21 16:58	03/26/21 21:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	24.6	7.7	1	03/26/21 16:58	03/26/21 21:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	24.6	8.0	1	03/26/21 16:58	03/26/21 21:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	24.6	11.8	1	03/26/21 16:58	03/26/21 21:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	24.6	6.7	1	03/26/21 16:58	03/26/21 21:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	24.6	8.5	1	03/26/21 16:58	03/26/21 21:41	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_0-0.6-20210324 **Lab ID:** 92529815007 **Collected:** 03/24/21 13:00 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	24.6	6.6	1	03/26/21 16:58	03/26/21 21:41	108-20-3	
Ethylbenzene	63.7	ug/kg	24.6	11.5	1	03/26/21 16:58	03/26/21 21:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	49.2	40.2	1	03/26/21 16:58	03/26/21 21:41	87-68-3	
2-Hexanone	ND	ug/kg	246	23.7	1	03/26/21 16:58	03/26/21 21:41	591-78-6	
Isopropylbenzene (Cumene)	26.0	ug/kg	24.6	8.4	1	03/26/21 16:58	03/26/21 21:41	98-82-8	
p-Isopropyltoluene	83.2	ug/kg	24.6	12.1	1	03/26/21 16:58	03/26/21 21:41	99-87-6	
Methylene Chloride	ND	ug/kg	98.4	67.4	1	03/26/21 16:58	03/26/21 21:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	246	23.7	1	03/26/21 16:58	03/26/21 21:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	24.6	9.2	1	03/26/21 16:58	03/26/21 21:41	1634-04-4	
Naphthalene	9390	ug/kg	24.6	12.9	1	03/26/21 16:58	03/26/21 21:41	91-20-3	
n-Propylbenzene	ND	ug/kg	24.6	8.8	1	03/26/21 16:58	03/26/21 21:41	103-65-1	
Styrene	ND	ug/kg	24.6	6.5	1	03/26/21 16:58	03/26/21 21:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	24.6	9.4	1	03/26/21 16:58	03/26/21 21:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	24.6	6.5	1	03/26/21 16:58	03/26/21 21:41	79-34-5	
Tetrachloroethene	ND	ug/kg	24.6	7.8	1	03/26/21 16:58	03/26/21 21:41	127-18-4	
Toluene	98.6	ug/kg	24.6	7.0	1	03/26/21 16:58	03/26/21 21:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	24.6	19.9	1	03/26/21 16:58	03/26/21 21:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	24.6	20.7	1	03/26/21 16:58	03/26/21 21:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	24.6	12.8	1	03/26/21 16:58	03/26/21 21:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	24.6	8.2	1	03/26/21 16:58	03/26/21 21:41	79-00-5	
Trichloroethene	ND	ug/kg	24.6	6.3	1	03/26/21 16:58	03/26/21 21:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	24.6	13.5	1	03/26/21 16:58	03/26/21 21:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	24.6	12.4	1	03/26/21 16:58	03/26/21 21:41	96-18-4	
1,2,4-Trimethylbenzene	449	ug/kg	24.6	6.7	1	03/26/21 16:58	03/26/21 21:41	95-63-6	
1,3,5-Trimethylbenzene	228	ug/kg	24.6	8.3	1	03/26/21 16:58	03/26/21 21:41	108-67-8	
Vinyl acetate	ND	ug/kg	246	17.9	1	03/26/21 16:58	03/26/21 21:41	108-05-4	
Vinyl chloride	ND	ug/kg	49.2	12.5	1	03/26/21 16:58	03/26/21 21:41	75-01-4	
Xylene (Total)	367	ug/kg	49.2	14.0	1	03/26/21 16:58	03/26/21 21:41	1330-20-7	
m&p-Xylene	240	ug/kg	49.2	16.8	1	03/26/21 16:58	03/26/21 21:41	179601-23-1	
o-Xylene	127	ug/kg	24.6	10.9	1	03/26/21 16:58	03/26/21 21:41	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 21:41	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		1	03/26/21 16:58	03/26/21 21:41	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1	03/26/21 16:58	03/26/21 21:41	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	62.0	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_4-5-20210324 **Lab ID: 92529815008** Collected: 03/24/21 13:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.3	16.6	1	03/27/21 14:32	03/28/21 14:57	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.3	17.5	1	03/27/21 14:32	03/28/21 14:57	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.3	15.9	1	03/27/21 14:32	03/28/21 14:57	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.3	8.5	1	03/27/21 14:32	03/28/21 14:57	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.3	11.3	1	03/27/21 14:32	03/28/21 14:57	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.3	8.5	1	03/27/21 14:32	03/28/21 14:57	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.3	10.8	1	03/27/21 14:32	03/28/21 14:57	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	95	%	10-160		1	03/27/21 14:32	03/28/21 14:57	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	265	ug/kg	13.5	1.4	1	03/29/21 12:37	03/30/21 10:43	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	103	%	31-130		1	03/29/21 12:37	03/30/21 10:43	321-60-8	
Nitrobenzene-d5 (S)	120	%	32-130		1	03/29/21 12:37	03/30/21 10:43	4165-60-0	
Terphenyl-d14 (S)	110	%	24-130		1	03/29/21 12:37	03/30/21 10:43	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	458	161	1	03/27/21 14:29	03/29/21 18:54	83-32-9	
Acenaphthylene	ND	ug/kg	458	161	1	03/27/21 14:29	03/29/21 18:54	208-96-8	
Aniline	ND	ug/kg	458	179	1	03/27/21 14:29	03/29/21 18:54	62-53-3	v2
Anthracene	ND	ug/kg	458	150	1	03/27/21 14:29	03/29/21 18:54	120-12-7	
Benzo(a)anthracene	174J	ug/kg	458	153	1	03/27/21 14:29	03/29/21 18:54	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	458	153	1	03/27/21 14:29	03/29/21 18:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	458	177	1	03/27/21 14:29	03/29/21 18:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	458	161	1	03/27/21 14:29	03/29/21 18:54	207-08-9	
Benzoic Acid	ND	ug/kg	2290	983	1	03/27/21 14:29	03/29/21 18:54	65-85-0	
Benzyl alcohol	ND	ug/kg	915	347	1	03/27/21 14:29	03/29/21 18:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	458	176	1	03/27/21 14:29	03/29/21 18:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	458	193	1	03/27/21 14:29	03/29/21 18:54	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	915	322	1	03/27/21 14:29	03/29/21 18:54	59-50-7	
4-Chloroaniline	ND	ug/kg	915	359	1	03/27/21 14:29	03/29/21 18:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	458	190	1	03/27/21 14:29	03/29/21 18:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	458	172	1	03/27/21 14:29	03/29/21 18:54	111-44-4	
2-Chloronaphthalene	ND	ug/kg	458	182	1	03/27/21 14:29	03/29/21 18:54	91-58-7	
2-Chlorophenol	ND	ug/kg	458	172	1	03/27/21 14:29	03/29/21 18:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	458	171	1	03/27/21 14:29	03/29/21 18:54	7005-72-3	
Chrysene	ND	ug/kg	458	166	1	03/27/21 14:29	03/29/21 18:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	458	176	1	03/27/21 14:29	03/29/21 18:54	53-70-3	
Dibenzofuran	ND	ug/kg	458	165	1	03/27/21 14:29	03/29/21 18:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	915	309	1	03/27/21 14:29	03/29/21 18:54	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: **DA4-SB-6_SE_4-5-20210324** Lab ID: **92529815008** Collected: 03/24/21 13:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	458	179	1	03/27/21 14:29	03/29/21 18:54	120-83-2	
Diethylphthalate	ND	ug/kg	458	168	1	03/27/21 14:29	03/29/21 18:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	458	190	1	03/27/21 14:29	03/29/21 18:54	105-67-9	
Dimethylphthalate	ND	ug/kg	458	166	1	03/27/21 14:29	03/29/21 18:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	458	154	1	03/27/21 14:29	03/29/21 18:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	915	427	1	03/27/21 14:29	03/29/21 18:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2290	1410	1	03/27/21 14:29	03/29/21 18:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	458	176	1	03/27/21 14:29	03/29/21 18:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	458	168	1	03/27/21 14:29	03/29/21 18:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	458	180	1	03/27/21 14:29	03/29/21 18:54	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	458	177	1	03/27/21 14:29	03/29/21 18:54	117-81-7	v1
Fluoranthene	303J	ug/kg	458	157	1	03/27/21 14:29	03/29/21 18:54	206-44-0	
Fluorene	ND	ug/kg	458	161	1	03/27/21 14:29	03/29/21 18:54	86-73-7	
Hexachlorobenzene	ND	ug/kg	458	179	1	03/27/21 14:29	03/29/21 18:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	458	262	1	03/27/21 14:29	03/29/21 18:54	77-47-4	v2
Hexachloroethane	ND	ug/kg	458	175	1	03/27/21 14:29	03/29/21 18:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	458	180	1	03/27/21 14:29	03/29/21 18:54	193-39-5	
Isophorone	ND	ug/kg	458	204	1	03/27/21 14:29	03/29/21 18:54	78-59-1	
1-Methylnaphthalene	ND	ug/kg	458	161	1	03/27/21 14:29	03/29/21 18:54	90-12-0	
2-Methylnaphthalene	ND	ug/kg	458	183	1	03/27/21 14:29	03/29/21 18:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	458	187	1	03/27/21 14:29	03/29/21 18:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	458	184	1	03/27/21 14:29	03/29/21 18:54	15831-10-4	
2-Nitroaniline	ND	ug/kg	2290	374	1	03/27/21 14:29	03/29/21 18:54	88-74-4	
3-Nitroaniline	ND	ug/kg	2290	359	1	03/27/21 14:29	03/29/21 18:54	99-09-2	
4-Nitroaniline	ND	ug/kg	915	348	1	03/27/21 14:29	03/29/21 18:54	100-01-6	
Nitrobenzene	ND	ug/kg	458	212	1	03/27/21 14:29	03/29/21 18:54	98-95-3	
2-Nitrophenol	ND	ug/kg	458	198	1	03/27/21 14:29	03/29/21 18:54	88-75-5	
4-Nitrophenol	ND	ug/kg	2290	885	1	03/27/21 14:29	03/29/21 18:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	458	154	1	03/27/21 14:29	03/29/21 18:54	62-75-9	v1
N-Nitroso-di-n-propylamine	ND	ug/kg	458	172	1	03/27/21 14:29	03/29/21 18:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	458	162	1	03/27/21 14:29	03/29/21 18:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	458	218	1	03/27/21 14:29	03/29/21 18:54	108-60-1	
Pentachlorophenol	ND	ug/kg	915	448	1	03/27/21 14:29	03/29/21 18:54	87-86-5	
Phenanthrene	349J	ug/kg	458	150	1	03/27/21 14:29	03/29/21 18:54	85-01-8	
Phenol	ND	ug/kg	458	204	1	03/27/21 14:29	03/29/21 18:54	108-95-2	
Pyrene	368J	ug/kg	458	186	1	03/27/21 14:29	03/29/21 18:54	129-00-0	
Pyridine	ND	ug/kg	458	144	1	03/27/21 14:29	03/29/21 18:54	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	458	209	1	03/27/21 14:29	03/29/21 18:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	458	189	1	03/27/21 14:29	03/29/21 18:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	21-130		1	03/27/21 14:29	03/29/21 18:54	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	03/27/21 14:29	03/29/21 18:54	321-60-8	
Terphenyl-d14 (S)	40	%	15-130		1	03/27/21 14:29	03/29/21 18:54	1718-51-0	
Phenol-d6 (S)	52	%	18-130		1	03/27/21 14:29	03/29/21 18:54	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_4-5-20210324 **Lab ID:** 92529815008 Collected: 03/24/21 13:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 18:54	367-12-4	
2,4,6-Tribromophenol (S)	53	%	18-130		1	03/27/21 14:29	03/29/21 18:54	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	163	52.2	1	03/26/21 16:58	03/26/21 21:59	67-64-1	
Benzene	ND	ug/kg	8.1	3.2	1	03/26/21 16:58	03/26/21 21:59	71-43-2	
Bromobenzene	ND	ug/kg	8.1	2.6	1	03/26/21 16:58	03/26/21 21:59	108-86-1	
Bromochloromethane	ND	ug/kg	8.1	2.4	1	03/26/21 16:58	03/26/21 21:59	74-97-5	
Bromodichloromethane	ND	ug/kg	8.1	3.1	1	03/26/21 16:58	03/26/21 21:59	75-27-4	
Bromoform	ND	ug/kg	8.1	2.9	1	03/26/21 16:58	03/26/21 21:59	75-25-2	
Bromomethane	ND	ug/kg	16.3	12.8	1	03/26/21 16:58	03/26/21 21:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	163	39.0	1	03/26/21 16:58	03/26/21 21:59	78-93-3	
n-Butylbenzene	ND	ug/kg	8.1	3.8	1	03/26/21 16:58	03/26/21 21:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.1	3.6	1	03/26/21 16:58	03/26/21 21:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.1	2.9	1	03/26/21 16:58	03/26/21 21:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.1	3.0	1	03/26/21 16:58	03/26/21 21:59	56-23-5	
Chlorobenzene	ND	ug/kg	8.1	1.6	1	03/26/21 16:58	03/26/21 21:59	108-90-7	
Chloroethane	ND	ug/kg	16.3	6.3	1	03/26/21 16:58	03/26/21 21:59	75-00-3	
Chloroform	5.8J	ug/kg	8.1	4.9	1	03/26/21 16:58	03/26/21 21:59	67-66-3	1g
Chloromethane	ND	ug/kg	16.3	6.8	1	03/26/21 16:58	03/26/21 21:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.1	2.9	1	03/26/21 16:58	03/26/21 21:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.1	1.4	1	03/26/21 16:58	03/26/21 21:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	3.2	1	03/26/21 16:58	03/26/21 21:59	96-12-8	
Dibromochloromethane	ND	ug/kg	8.1	4.6	1	03/26/21 16:58	03/26/21 21:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.1	3.6	1	03/26/21 16:58	03/26/21 21:59	106-93-4	
Dibromomethane	ND	ug/kg	8.1	1.7	1	03/26/21 16:58	03/26/21 21:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.1	2.9	1	03/26/21 16:58	03/26/21 21:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.1	2.5	1	03/26/21 16:58	03/26/21 21:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.1	2.1	1	03/26/21 16:58	03/26/21 21:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.3	3.5	1	03/26/21 16:58	03/26/21 21:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.1	3.3	1	03/26/21 16:58	03/26/21 21:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.1	5.4	1	03/26/21 16:58	03/26/21 21:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.1	3.3	1	03/26/21 16:58	03/26/21 21:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	03/26/21 16:58	03/26/21 21:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	03/26/21 16:58	03/26/21 21:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.1	2.4	1	03/26/21 16:58	03/26/21 21:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.1	2.5	1	03/26/21 16:58	03/26/21 21:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.1	2.6	1	03/26/21 16:58	03/26/21 21:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.1	3.9	1	03/26/21 16:58	03/26/21 21:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.1	2.2	1	03/26/21 16:58	03/26/21 21:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.1	2.8	1	03/26/21 16:58	03/26/21 21:59	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6_SE_4-5-20210324 **Lab ID:** 92529815008 Collected: 03/24/21 13:40 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.1	2.2	1	03/26/21 16:58	03/26/21 21:59	108-20-3	
Ethylbenzene	5.5J	ug/kg	8.1	3.8	1	03/26/21 16:58	03/26/21 21:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.3	13.3	1	03/26/21 16:58	03/26/21 21:59	87-68-3	
2-Hexanone	ND	ug/kg	81.3	7.8	1	03/26/21 16:58	03/26/21 21:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.1	2.8	1	03/26/21 16:58	03/26/21 21:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.1	4.0	1	03/26/21 16:58	03/26/21 21:59	99-87-6	
Methylene Chloride	ND	ug/kg	32.5	22.3	1	03/26/21 16:58	03/26/21 21:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	81.3	7.8	1	03/26/21 16:58	03/26/21 21:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.1	3.0	1	03/26/21 16:58	03/26/21 21:59	1634-04-4	
Naphthalene	311	ug/kg	8.1	4.3	1	03/26/21 16:58	03/26/21 21:59	91-20-3	
n-Propylbenzene	ND	ug/kg	8.1	2.9	1	03/26/21 16:58	03/26/21 21:59	103-65-1	
Styrene	ND	ug/kg	8.1	2.1	1	03/26/21 16:58	03/26/21 21:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.1	3.1	1	03/26/21 16:58	03/26/21 21:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.1	2.1	1	03/26/21 16:58	03/26/21 21:59	79-34-5	
Tetrachloroethene	ND	ug/kg	8.1	2.6	1	03/26/21 16:58	03/26/21 21:59	127-18-4	
Toluene	5.1J	ug/kg	8.1	2.3	1	03/26/21 16:58	03/26/21 21:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.1	6.6	1	03/26/21 16:58	03/26/21 21:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.1	6.8	1	03/26/21 16:58	03/26/21 21:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.1	4.2	1	03/26/21 16:58	03/26/21 21:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.1	2.7	1	03/26/21 16:58	03/26/21 21:59	79-00-5	
Trichloroethene	ND	ug/kg	8.1	2.1	1	03/26/21 16:58	03/26/21 21:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.1	4.5	1	03/26/21 16:58	03/26/21 21:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.1	4.1	1	03/26/21 16:58	03/26/21 21:59	96-18-4	
1,2,4-Trimethylbenzene	7.6J	ug/kg	8.1	2.2	1	03/26/21 16:58	03/26/21 21:59	95-63-6	
1,3,5-Trimethylbenzene	5.5J	ug/kg	8.1	2.7	1	03/26/21 16:58	03/26/21 21:59	108-67-8	
Vinyl acetate	ND	ug/kg	81.3	5.9	1	03/26/21 16:58	03/26/21 21:59	108-05-4	
Vinyl chloride	ND	ug/kg	16.3	4.1	1	03/26/21 16:58	03/26/21 21:59	75-01-4	
Xylene (Total)	ND	ug/kg	16.3	4.6	1	03/26/21 16:58	03/26/21 21:59	1330-20-7	
m&p-Xylene	ND	ug/kg	16.3	5.6	1	03/26/21 16:58	03/26/21 21:59	179601-23-1	
o-Xylene	ND	ug/kg	8.1	3.6	1	03/26/21 16:58	03/26/21 21:59	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 21:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/26/21 16:58	03/26/21 21:59	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	03/26/21 16:58	03/26/21 21:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	26.7	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_0-0.6-20210324 Lab ID: 92529815009 Collected: 03/24/21 14:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.2	19.5	1	03/27/21 14:32	03/28/21 15:11	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.2	20.5	1	03/27/21 14:32	03/28/21 15:11	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.2	18.6	1	03/27/21 14:32	03/28/21 15:11	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.2	10.0	1	03/27/21 14:32	03/28/21 15:11	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	53.2	13.3	1	03/27/21 14:32	03/28/21 15:11	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.2	10.0	1	03/27/21 14:32	03/28/21 15:11	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.2	12.7	1	03/27/21 14:32	03/28/21 15:11	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	86	%	10-160		1	03/27/21 14:32	03/28/21 15:11	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	49.4	ug/kg	16.0	1.6	1	03/29/21 12:37	03/30/21 11:05	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	03/29/21 12:37	03/30/21 11:05	321-60-8	
Nitrobenzene-d5 (S)	108	%	32-130		1	03/29/21 12:37	03/30/21 11:05	4165-60-0	
Terphenyl-d14 (S)	122	%	24-130		1	03/29/21 12:37	03/30/21 11:05	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	535	188	1	03/27/21 14:29	03/29/21 13:11	83-32-9	
Acenaphthylene	ND	ug/kg	535	188	1	03/27/21 14:29	03/29/21 13:11	208-96-8	
Aniline	ND	ug/kg	535	209	1	03/27/21 14:29	03/29/21 13:11	62-53-3	
Anthracene	ND	ug/kg	535	175	1	03/27/21 14:29	03/29/21 13:11	120-12-7	
Benzo(a)anthracene	283J	ug/kg	535	178	1	03/27/21 14:29	03/29/21 13:11	56-55-3	
Benzo(b)fluoranthene	300J	ug/kg	535	178	1	03/27/21 14:29	03/29/21 13:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	535	208	1	03/27/21 14:29	03/29/21 13:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	535	188	1	03/27/21 14:29	03/29/21 13:11	207-08-9	
Benzoic Acid	ND	ug/kg	2680	1150	1	03/27/21 14:29	03/29/21 13:11	65-85-0	
Benzyl alcohol	ND	ug/kg	1070	405	1	03/27/21 14:29	03/29/21 13:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	535	206	1	03/27/21 14:29	03/29/21 13:11	101-55-3	
Butylbenzylphthalate	ND	ug/kg	535	225	1	03/27/21 14:29	03/29/21 13:11	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1070	376	1	03/27/21 14:29	03/29/21 13:11	59-50-7	
4-Chloroaniline	ND	ug/kg	1070	420	1	03/27/21 14:29	03/29/21 13:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	535	222	1	03/27/21 14:29	03/29/21 13:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	535	201	1	03/27/21 14:29	03/29/21 13:11	111-44-4	
2-Chloronaphthalene	ND	ug/kg	535	212	1	03/27/21 14:29	03/29/21 13:11	91-58-7	
2-Chlorophenol	ND	ug/kg	535	201	1	03/27/21 14:29	03/29/21 13:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	535	199	1	03/27/21 14:29	03/29/21 13:11	7005-72-3	
Chrysene	258J	ug/kg	535	195	1	03/27/21 14:29	03/29/21 13:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	535	206	1	03/27/21 14:29	03/29/21 13:11	53-70-3	
Dibenzofuran	ND	ug/kg	535	193	1	03/27/21 14:29	03/29/21 13:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1070	362	1	03/27/21 14:29	03/29/21 13:11	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_0-0.6-20210324 **Lab ID:** 92529815009 Collected: 03/24/21 14:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	535	209	1	03/27/21 14:29	03/29/21 13:11	120-83-2	
Diethylphthalate	ND	ug/kg	535	196	1	03/27/21 14:29	03/29/21 13:11	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	535	222	1	03/27/21 14:29	03/29/21 13:11	105-67-9	
Dimethylphthalate	ND	ug/kg	535	195	1	03/27/21 14:29	03/29/21 13:11	131-11-3	
Di-n-butylphthalate	ND	ug/kg	535	180	1	03/27/21 14:29	03/29/21 13:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1070	500	1	03/27/21 14:29	03/29/21 13:11	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2680	1650	1	03/27/21 14:29	03/29/21 13:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	535	206	1	03/27/21 14:29	03/29/21 13:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	535	196	1	03/27/21 14:29	03/29/21 13:11	606-20-2	
Di-n-octylphthalate	ND	ug/kg	535	211	1	03/27/21 14:29	03/29/21 13:11	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	535	208	1	03/27/21 14:29	03/29/21 13:11	117-81-7	v1
Fluoranthene	607	ug/kg	535	183	1	03/27/21 14:29	03/29/21 13:11	206-44-0	
Fluorene	ND	ug/kg	535	188	1	03/27/21 14:29	03/29/21 13:11	86-73-7	
Hexachlorobenzene	ND	ug/kg	535	209	1	03/27/21 14:29	03/29/21 13:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	535	307	1	03/27/21 14:29	03/29/21 13:11	77-47-4	v2
Hexachloroethane	ND	ug/kg	535	204	1	03/27/21 14:29	03/29/21 13:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	535	211	1	03/27/21 14:29	03/29/21 13:11	193-39-5	
Isophorone	ND	ug/kg	535	238	1	03/27/21 14:29	03/29/21 13:11	78-59-1	v1
1-Methylnaphthalene	ND	ug/kg	535	188	1	03/27/21 14:29	03/29/21 13:11	90-12-0	
2-Methylnaphthalene	ND	ug/kg	535	214	1	03/27/21 14:29	03/29/21 13:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	535	219	1	03/27/21 14:29	03/29/21 13:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	535	216	1	03/27/21 14:29	03/29/21 13:11	15831-10-4	
2-Nitroaniline	ND	ug/kg	2680	438	1	03/27/21 14:29	03/29/21 13:11	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2680	420	1	03/27/21 14:29	03/29/21 13:11	99-09-2	IL
4-Nitroaniline	ND	ug/kg	1070	407	1	03/27/21 14:29	03/29/21 13:11	100-01-6	
Nitrobenzene	ND	ug/kg	535	248	1	03/27/21 14:29	03/29/21 13:11	98-95-3	
2-Nitrophenol	ND	ug/kg	535	232	1	03/27/21 14:29	03/29/21 13:11	88-75-5	
4-Nitrophenol	ND	ug/kg	2680	1030	1	03/27/21 14:29	03/29/21 13:11	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	535	180	1	03/27/21 14:29	03/29/21 13:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	535	201	1	03/27/21 14:29	03/29/21 13:11	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	535	190	1	03/27/21 14:29	03/29/21 13:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	535	255	1	03/27/21 14:29	03/29/21 13:11	108-60-1	v1
Pentachlorophenol	ND	ug/kg	1070	524	1	03/27/21 14:29	03/29/21 13:11	87-86-5	
Phenanthrene	336J	ug/kg	535	175	1	03/27/21 14:29	03/29/21 13:11	85-01-8	
Phenol	ND	ug/kg	535	238	1	03/27/21 14:29	03/29/21 13:11	108-95-2	
Pyrene	598	ug/kg	535	217	1	03/27/21 14:29	03/29/21 13:11	129-00-0	
Pyridine	ND	ug/kg	535	169	1	03/27/21 14:29	03/29/21 13:11	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	535	245	1	03/27/21 14:29	03/29/21 13:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	535	221	1	03/27/21 14:29	03/29/21 13:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	03/27/21 14:29	03/29/21 13:11	4165-60-0	
2-Fluorobiphenyl (S)	54	%	19-130		1	03/27/21 14:29	03/29/21 13:11	321-60-8	
Terphenyl-d14 (S)	76	%	15-130		1	03/27/21 14:29	03/29/21 13:11	1718-51-0	
Phenol-d6 (S)	50	%	18-130		1	03/27/21 14:29	03/29/21 13:11	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_0-0.6-20210324 **Lab ID:** 92529815009 **Collected:** 03/24/21 14:45 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	46	%	18-130		1	03/27/21 14:29	03/29/21 13:11	367-12-4	
2,4,6-Tribromophenol (S)	53	%	18-130		1	03/27/21 14:29	03/29/21 13:11	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	190	61.1	1	03/29/21 12:45	03/30/21 03:23	67-64-1	
Benzene	7.3J	ug/kg	9.5	3.8	1	03/29/21 12:45	03/30/21 03:23	71-43-2	
Bromobenzene	ND	ug/kg	9.5	3.1	1	03/29/21 12:45	03/30/21 03:23	108-86-1	
Bromochloromethane	ND	ug/kg	9.5	2.8	1	03/29/21 12:45	03/30/21 03:23	74-97-5	
Bromodichloromethane	ND	ug/kg	9.5	3.7	1	03/29/21 12:45	03/30/21 03:23	75-27-4	
Bromoform	ND	ug/kg	9.5	3.3	1	03/29/21 12:45	03/30/21 03:23	75-25-2	
Bromomethane	ND	ug/kg	19.0	15.0	1	03/29/21 12:45	03/30/21 03:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	190	45.7	1	03/29/21 12:45	03/30/21 03:23	78-93-3	
n-Butylbenzene	ND	ug/kg	9.5	4.5	1	03/29/21 12:45	03/30/21 03:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.5	4.2	1	03/29/21 12:45	03/30/21 03:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.5	3.4	1	03/29/21 12:45	03/30/21 03:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.5	3.6	1	03/29/21 12:45	03/30/21 03:23	56-23-5	
Chlorobenzene	ND	ug/kg	9.5	1.8	1	03/29/21 12:45	03/30/21 03:23	108-90-7	
Chloroethane	ND	ug/kg	19.0	7.3	1	03/29/21 12:45	03/30/21 03:23	75-00-3	
Chloroform	13.2	ug/kg	9.5	5.8	1	03/29/21 12:45	03/30/21 03:23	67-66-3	1g,B
Chloromethane	ND	ug/kg	19.0	8.0	1	03/29/21 12:45	03/30/21 03:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.5	3.4	1	03/29/21 12:45	03/30/21 03:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.5	1.7	1	03/29/21 12:45	03/30/21 03:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.5	3.7	1	03/29/21 12:45	03/30/21 03:23	96-12-8	
Dibromochloromethane	ND	ug/kg	9.5	5.3	1	03/29/21 12:45	03/30/21 03:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.5	4.2	1	03/29/21 12:45	03/30/21 03:23	106-93-4	
Dibromomethane	ND	ug/kg	9.5	2.0	1	03/29/21 12:45	03/30/21 03:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.5	3.4	1	03/29/21 12:45	03/30/21 03:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.5	2.9	1	03/29/21 12:45	03/30/21 03:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.5	2.5	1	03/29/21 12:45	03/30/21 03:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.0	4.1	1	03/29/21 12:45	03/30/21 03:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.5	3.9	1	03/29/21 12:45	03/30/21 03:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.5	6.3	1	03/29/21 12:45	03/30/21 03:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.5	3.9	1	03/29/21 12:45	03/30/21 03:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.5	3.3	1	03/29/21 12:45	03/30/21 03:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.5	3.3	1	03/29/21 12:45	03/30/21 03:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.5	2.9	1	03/29/21 12:45	03/30/21 03:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.5	3.0	1	03/29/21 12:45	03/30/21 03:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.5	3.1	1	03/29/21 12:45	03/30/21 03:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.5	4.6	1	03/29/21 12:45	03/30/21 03:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.5	2.6	1	03/29/21 12:45	03/30/21 03:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.5	3.3	1	03/29/21 12:45	03/30/21 03:23	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_0-0.6-20210324 **Lab ID:** 92529815009 **Collected:** 03/24/21 14:45 **Received:** 03/25/21 12:21 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.5	2.6	1	03/29/21 12:45	03/30/21 03:23	108-20-3	
Ethylbenzene	8.1J	ug/kg	9.5	4.4	1	03/29/21 12:45	03/30/21 03:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.0	15.6	1	03/29/21 12:45	03/30/21 03:23	87-68-3	
2-Hexanone	ND	ug/kg	95.2	9.2	1	03/29/21 12:45	03/30/21 03:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.5	3.2	1	03/29/21 12:45	03/30/21 03:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.5	4.7	1	03/29/21 12:45	03/30/21 03:23	99-87-6	
Methylene Chloride	ND	ug/kg	38.1	26.1	1	03/29/21 12:45	03/30/21 03:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	95.2	9.2	1	03/29/21 12:45	03/30/21 03:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.5	3.6	1	03/29/21 12:45	03/30/21 03:23	1634-04-4	
Naphthalene	55.6	ug/kg	9.5	5.0	1	03/29/21 12:45	03/30/21 03:23	91-20-3	
n-Propylbenzene	ND	ug/kg	9.5	3.4	1	03/29/21 12:45	03/30/21 03:23	103-65-1	
Styrene	ND	ug/kg	9.5	2.5	1	03/29/21 12:45	03/30/21 03:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.5	3.7	1	03/29/21 12:45	03/30/21 03:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.5	2.5	1	03/29/21 12:45	03/30/21 03:23	79-34-5	
Tetrachloroethene	ND	ug/kg	9.5	3.0	1	03/29/21 12:45	03/30/21 03:23	127-18-4	
Toluene	33.1	ug/kg	9.5	2.7	1	03/29/21 12:45	03/30/21 03:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.5	7.7	1	03/29/21 12:45	03/30/21 03:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.5	8.0	1	03/29/21 12:45	03/30/21 03:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.5	4.9	1	03/29/21 12:45	03/30/21 03:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.5	3.2	1	03/29/21 12:45	03/30/21 03:23	79-00-5	
Trichloroethene	ND	ug/kg	9.5	2.5	1	03/29/21 12:45	03/30/21 03:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.5	5.2	1	03/29/21 12:45	03/30/21 03:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.5	4.8	1	03/29/21 12:45	03/30/21 03:23	96-18-4	
1,2,4-Trimethylbenzene	8.6J	ug/kg	9.5	2.6	1	03/29/21 12:45	03/30/21 03:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.5	3.2	1	03/29/21 12:45	03/30/21 03:23	108-67-8	
Vinyl acetate	ND	ug/kg	95.2	6.9	1	03/29/21 12:45	03/30/21 03:23	108-05-4	
Vinyl chloride	ND	ug/kg	19.0	4.8	1	03/29/21 12:45	03/30/21 03:23	75-01-4	
Xylene (Total)	39.7	ug/kg	19.0	5.4	1	03/29/21 12:45	03/30/21 03:23	1330-20-7	
m&p-Xylene	28.0	ug/kg	19.0	6.5	1	03/29/21 12:45	03/30/21 03:23	179601-23-1	
o-Xylene	11.7	ug/kg	9.5	4.2	1	03/29/21 12:45	03/30/21 03:23	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/29/21 12:45	03/30/21 03:23	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/29/21 12:45	03/30/21 03:23	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/29/21 12:45	03/30/21 03:23	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	37.3	%	0.10	0.10	1		03/26/21 17:37		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_2-2.5-20210324 **Lab ID:** 92529815010 Collected: 03/24/21 15:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	43.6	15.9	1	03/27/21 14:32	03/28/21 15:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.6	16.8	1	03/27/21 14:32	03/28/21 15:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.6	15.3	1	03/27/21 14:32	03/28/21 15:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.6	8.2	1	03/27/21 14:32	03/28/21 15:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.6	10.9	1	03/27/21 14:32	03/28/21 15:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.6	8.2	1	03/27/21 14:32	03/28/21 15:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.6	10.4	1	03/27/21 14:32	03/28/21 15:25	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	58	%	10-160		1	03/27/21 14:32	03/28/21 15:25	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	13.2	1.4	1	03/29/21 12:37	03/30/21 11:27	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	90	%	31-130		1	03/29/21 12:37	03/30/21 11:27	321-60-8	
Nitrobenzene-d5 (S)	117	%	32-130		1	03/29/21 12:37	03/30/21 11:27	4165-60-0	
Terphenyl-d14 (S)	133	%	24-130		1	03/29/21 12:37	03/30/21 11:27	1718-51-0	S3
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	434	153	1	03/27/21 14:29	03/29/21 14:05	83-32-9	
Acenaphthylene	ND	ug/kg	434	153	1	03/27/21 14:29	03/29/21 14:05	208-96-8	
Aniline	ND	ug/kg	434	170	1	03/27/21 14:29	03/29/21 14:05	62-53-3	
Anthracene	ND	ug/kg	434	142	1	03/27/21 14:29	03/29/21 14:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	434	145	1	03/27/21 14:29	03/29/21 14:05	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	434	145	1	03/27/21 14:29	03/29/21 14:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	434	168	1	03/27/21 14:29	03/29/21 14:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	434	153	1	03/27/21 14:29	03/29/21 14:05	207-08-9	
Benzoic Acid	ND	ug/kg	2170	933	1	03/27/21 14:29	03/29/21 14:05	65-85-0	
Benzyl alcohol	ND	ug/kg	868	329	1	03/27/21 14:29	03/29/21 14:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	434	167	1	03/27/21 14:29	03/29/21 14:05	101-55-3	
Butylbenzylphthalate	ND	ug/kg	434	183	1	03/27/21 14:29	03/29/21 14:05	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	868	305	1	03/27/21 14:29	03/29/21 14:05	59-50-7	
4-Chloroaniline	ND	ug/kg	868	341	1	03/27/21 14:29	03/29/21 14:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	434	180	1	03/27/21 14:29	03/29/21 14:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	434	163	1	03/27/21 14:29	03/29/21 14:05	111-44-4	
2-Chloronaphthalene	ND	ug/kg	434	172	1	03/27/21 14:29	03/29/21 14:05	91-58-7	
2-Chlorophenol	ND	ug/kg	434	163	1	03/27/21 14:29	03/29/21 14:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	434	162	1	03/27/21 14:29	03/29/21 14:05	7005-72-3	
Chrysene	ND	ug/kg	434	158	1	03/27/21 14:29	03/29/21 14:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	434	167	1	03/27/21 14:29	03/29/21 14:05	53-70-3	
Dibenzofuran	ND	ug/kg	434	157	1	03/27/21 14:29	03/29/21 14:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	868	293	1	03/27/21 14:29	03/29/21 14:05	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_2-2.5-20210324 **Lab ID: 92529815010** Collected: 03/24/21 15:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	434	170	1	03/27/21 14:29	03/29/21 14:05	120-83-2	
Diethylphthalate	ND	ug/kg	434	159	1	03/27/21 14:29	03/29/21 14:05	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	434	180	1	03/27/21 14:29	03/29/21 14:05	105-67-9	
Dimethylphthalate	ND	ug/kg	434	158	1	03/27/21 14:29	03/29/21 14:05	131-11-3	
Di-n-butylphthalate	ND	ug/kg	434	146	1	03/27/21 14:29	03/29/21 14:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	868	405	1	03/27/21 14:29	03/29/21 14:05	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2170	1340	1	03/27/21 14:29	03/29/21 14:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	434	167	1	03/27/21 14:29	03/29/21 14:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	434	159	1	03/27/21 14:29	03/29/21 14:05	606-20-2	
Di-n-octylphthalate	ND	ug/kg	434	171	1	03/27/21 14:29	03/29/21 14:05	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	434	168	1	03/27/21 14:29	03/29/21 14:05	117-81-7	v1
Fluoranthene	ND	ug/kg	434	149	1	03/27/21 14:29	03/29/21 14:05	206-44-0	
Fluorene	ND	ug/kg	434	153	1	03/27/21 14:29	03/29/21 14:05	86-73-7	
Hexachlorobenzene	ND	ug/kg	434	170	1	03/27/21 14:29	03/29/21 14:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	434	249	1	03/27/21 14:29	03/29/21 14:05	77-47-4	v2
Hexachloroethane	ND	ug/kg	434	166	1	03/27/21 14:29	03/29/21 14:05	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	434	171	1	03/27/21 14:29	03/29/21 14:05	193-39-5	
Isophorone	ND	ug/kg	434	193	1	03/27/21 14:29	03/29/21 14:05	78-59-1	v1
1-Methylnaphthalene	ND	ug/kg	434	153	1	03/27/21 14:29	03/29/21 14:05	90-12-0	
2-Methylnaphthalene	ND	ug/kg	434	174	1	03/27/21 14:29	03/29/21 14:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	434	178	1	03/27/21 14:29	03/29/21 14:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	434	175	1	03/27/21 14:29	03/29/21 14:05	15831-10-4	
2-Nitroaniline	ND	ug/kg	2170	355	1	03/27/21 14:29	03/29/21 14:05	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2170	341	1	03/27/21 14:29	03/29/21 14:05	99-09-2	IL
4-Nitroaniline	ND	ug/kg	868	330	1	03/27/21 14:29	03/29/21 14:05	100-01-6	
Nitrobenzene	ND	ug/kg	434	201	1	03/27/21 14:29	03/29/21 14:05	98-95-3	
2-Nitrophenol	ND	ug/kg	434	188	1	03/27/21 14:29	03/29/21 14:05	88-75-5	
4-Nitrophenol	ND	ug/kg	2170	839	1	03/27/21 14:29	03/29/21 14:05	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	434	146	1	03/27/21 14:29	03/29/21 14:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	434	163	1	03/27/21 14:29	03/29/21 14:05	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	434	154	1	03/27/21 14:29	03/29/21 14:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	434	207	1	03/27/21 14:29	03/29/21 14:05	108-60-1	v1
Pentachlorophenol	ND	ug/kg	868	425	1	03/27/21 14:29	03/29/21 14:05	87-86-5	
Phenanthrene	ND	ug/kg	434	142	1	03/27/21 14:29	03/29/21 14:05	85-01-8	
Phenol	ND	ug/kg	434	193	1	03/27/21 14:29	03/29/21 14:05	108-95-2	
Pyrene	ND	ug/kg	434	176	1	03/27/21 14:29	03/29/21 14:05	129-00-0	
Pyridine	ND	ug/kg	434	137	1	03/27/21 14:29	03/29/21 14:05	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	434	199	1	03/27/21 14:29	03/29/21 14:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	434	179	1	03/27/21 14:29	03/29/21 14:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-130		1	03/27/21 14:29	03/29/21 14:05	4165-60-0	
2-Fluorobiphenyl (S)	51	%	19-130		1	03/27/21 14:29	03/29/21 14:05	321-60-8	
Terphenyl-d14 (S)	77	%	15-130		1	03/27/21 14:29	03/29/21 14:05	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	03/27/21 14:29	03/29/21 14:05	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_2-2.5-20210324 **Lab ID:** 92529815010 Collected: 03/24/21 15:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	58	%	18-130		1	03/27/21 14:29	03/29/21 14:05	367-12-4	
2,4,6-Tribromophenol (S)	56	%	18-130		1	03/27/21 14:29	03/29/21 14:05	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	146	46.7	1	03/26/21 16:58	03/26/21 22:36	67-64-1	
Benzene	ND	ug/kg	7.3	2.9	1	03/26/21 16:58	03/26/21 22:36	71-43-2	
Bromobenzene	ND	ug/kg	7.3	2.4	1	03/26/21 16:58	03/26/21 22:36	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	2.2	1	03/26/21 16:58	03/26/21 22:36	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	2.8	1	03/26/21 16:58	03/26/21 22:36	75-27-4	
Bromoform	ND	ug/kg	7.3	2.6	1	03/26/21 16:58	03/26/21 22:36	75-25-2	
Bromomethane	ND	ug/kg	14.6	11.5	1	03/26/21 16:58	03/26/21 22:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	146	35.0	1	03/26/21 16:58	03/26/21 22:36	78-93-3	
n-Butylbenzene	ND	ug/kg	7.3	3.4	1	03/26/21 16:58	03/26/21 22:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	3.2	1	03/26/21 16:58	03/26/21 22:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	2.6	1	03/26/21 16:58	03/26/21 22:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	2.7	1	03/26/21 16:58	03/26/21 22:36	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1.4	1	03/26/21 16:58	03/26/21 22:36	108-90-7	
Chloroethane	ND	ug/kg	14.6	5.6	1	03/26/21 16:58	03/26/21 22:36	75-00-3	
Chloroform	7.1J	ug/kg	7.3	4.4	1	03/26/21 16:58	03/26/21 22:36	67-66-3	1g
Chloromethane	ND	ug/kg	14.6	6.1	1	03/26/21 16:58	03/26/21 22:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	2.6	1	03/26/21 16:58	03/26/21 22:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1.3	1	03/26/21 16:58	03/26/21 22:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	2.8	1	03/26/21 16:58	03/26/21 22:36	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	4.1	1	03/26/21 16:58	03/26/21 22:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	3.2	1	03/26/21 16:58	03/26/21 22:36	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1.6	1	03/26/21 16:58	03/26/21 22:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	2.6	1	03/26/21 16:58	03/26/21 22:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	2.3	1	03/26/21 16:58	03/26/21 22:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1.9	1	03/26/21 16:58	03/26/21 22:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.6	3.2	1	03/26/21 16:58	03/26/21 22:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	3.0	1	03/26/21 16:58	03/26/21 22:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	4.8	1	03/26/21 16:58	03/26/21 22:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	3.0	1	03/26/21 16:58	03/26/21 22:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	03/26/21 16:58	03/26/21 22:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	03/26/21 16:58	03/26/21 22:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	2.2	1	03/26/21 16:58	03/26/21 22:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	2.3	1	03/26/21 16:58	03/26/21 22:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	2.4	1	03/26/21 16:58	03/26/21 22:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.3	3.5	1	03/26/21 16:58	03/26/21 22:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	2.0	1	03/26/21 16:58	03/26/21 22:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	2.5	1	03/26/21 16:58	03/26/21 22:36	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6A_SE_2-2.5-20210324 **Lab ID:** 92529815010 Collected: 03/24/21 15:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	7.3	2.0	1	03/26/21 16:58	03/26/21 22:36	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	3.4	1	03/26/21 16:58	03/26/21 22:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.6	11.9	1	03/26/21 16:58	03/26/21 22:36	87-68-3	
2-Hexanone	ND	ug/kg	72.8	7.0	1	03/26/21 16:58	03/26/21 22:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	2.5	1	03/26/21 16:58	03/26/21 22:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	3.6	1	03/26/21 16:58	03/26/21 22:36	99-87-6	
Methylene Chloride	ND	ug/kg	29.1	20.0	1	03/26/21 16:58	03/26/21 22:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.8	7.0	1	03/26/21 16:58	03/26/21 22:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	2.7	1	03/26/21 16:58	03/26/21 22:36	1634-04-4	
Naphthalene	ND	ug/kg	7.3	3.8	1	03/26/21 16:58	03/26/21 22:36	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	2.6	1	03/26/21 16:58	03/26/21 22:36	103-65-1	
Styrene	ND	ug/kg	7.3	1.9	1	03/26/21 16:58	03/26/21 22:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	2.8	1	03/26/21 16:58	03/26/21 22:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1.9	1	03/26/21 16:58	03/26/21 22:36	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	2.3	1	03/26/21 16:58	03/26/21 22:36	127-18-4	
Toluene	ND	ug/kg	7.3	2.1	1	03/26/21 16:58	03/26/21 22:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	5.9	1	03/26/21 16:58	03/26/21 22:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	6.1	1	03/26/21 16:58	03/26/21 22:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	3.8	1	03/26/21 16:58	03/26/21 22:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	2.4	1	03/26/21 16:58	03/26/21 22:36	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1.9	1	03/26/21 16:58	03/26/21 22:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	4.0	1	03/26/21 16:58	03/26/21 22:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	3.7	1	03/26/21 16:58	03/26/21 22:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	2.0	1	03/26/21 16:58	03/26/21 22:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	2.4	1	03/26/21 16:58	03/26/21 22:36	108-67-8	
Vinyl acetate	ND	ug/kg	72.8	5.3	1	03/26/21 16:58	03/26/21 22:36	108-05-4	
Vinyl chloride	ND	ug/kg	14.6	3.7	1	03/26/21 16:58	03/26/21 22:36	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	4.2	1	03/26/21 16:58	03/26/21 22:36	1330-20-7	
m&p-Xylene	ND	ug/kg	14.6	5.0	1	03/26/21 16:58	03/26/21 22:36	179601-23-1	
o-Xylene	ND	ug/kg	7.3	3.2	1	03/26/21 16:58	03/26/21 22:36	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/26/21 16:58	03/26/21 22:36	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	03/26/21 16:58	03/26/21 22:36	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/26/21 16:58	03/26/21 22:36	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.7	%	0.10	0.10	1		03/26/21 17:38		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_0-0.6-20210324 **Lab ID: 92529815011** Collected: 03/24/21 14:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	56.2	20.6	1	03/27/21 14:32	03/28/21 15:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	56.2	21.7	1	03/27/21 14:32	03/28/21 15:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	56.2	19.7	1	03/27/21 14:32	03/28/21 15:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	56.2	10.6	1	03/27/21 14:32	03/28/21 15:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	56.2	14.0	1	03/27/21 14:32	03/28/21 15:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	56.2	10.6	1	03/27/21 14:32	03/28/21 15:39	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	56.2	13.4	1	03/27/21 14:32	03/28/21 15:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	89	%	10-160		1	03/27/21 14:32	03/28/21 15:39	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	334	ug/kg	17.2	1.8	1	03/29/21 12:37	03/30/21 11:49	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	130	%	31-130		1	03/29/21 12:37	03/30/21 11:49	321-60-8	
Nitrobenzene-d5 (S)	130	%	32-130		1	03/29/21 12:37	03/30/21 11:49	4165-60-0	
Terphenyl-d14 (S)	168	%	24-130		1	03/29/21 12:37	03/30/21 11:49	1718-51-0	S0
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	565	199	1	03/27/21 14:29	03/29/21 14:32	83-32-9	
Acenaphthylene	ND	ug/kg	565	199	1	03/27/21 14:29	03/29/21 14:32	208-96-8	
Aniline	ND	ug/kg	565	221	1	03/27/21 14:29	03/29/21 14:32	62-53-3	
Anthracene	ND	ug/kg	565	185	1	03/27/21 14:29	03/29/21 14:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	565	188	1	03/27/21 14:29	03/29/21 14:32	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	565	188	1	03/27/21 14:29	03/29/21 14:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	565	219	1	03/27/21 14:29	03/29/21 14:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	565	199	1	03/27/21 14:29	03/29/21 14:32	207-08-9	
Benzoic Acid	ND	ug/kg	2830	1210	1	03/27/21 14:29	03/29/21 14:32	65-85-0	
Benzyl alcohol	ND	ug/kg	1130	428	1	03/27/21 14:29	03/29/21 14:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	565	218	1	03/27/21 14:29	03/29/21 14:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	565	238	1	03/27/21 14:29	03/29/21 14:32	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1130	397	1	03/27/21 14:29	03/29/21 14:32	59-50-7	
4-Chloroaniline	ND	ug/kg	1130	444	1	03/27/21 14:29	03/29/21 14:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	565	235	1	03/27/21 14:29	03/29/21 14:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	565	212	1	03/27/21 14:29	03/29/21 14:32	111-44-4	
2-Chloronaphthalene	ND	ug/kg	565	224	1	03/27/21 14:29	03/29/21 14:32	91-58-7	
2-Chlorophenol	ND	ug/kg	565	212	1	03/27/21 14:29	03/29/21 14:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	565	211	1	03/27/21 14:29	03/29/21 14:32	7005-72-3	
Chrysene	ND	ug/kg	565	206	1	03/27/21 14:29	03/29/21 14:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	565	218	1	03/27/21 14:29	03/29/21 14:32	53-70-3	
Dibenzofuran	ND	ug/kg	565	204	1	03/27/21 14:29	03/29/21 14:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1130	382	1	03/27/21 14:29	03/29/21 14:32	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_0-0.6-20210324 **Lab ID: 92529815011** Collected: 03/24/21 14:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	565	221	1	03/27/21 14:29	03/29/21 14:32	120-83-2	
Diethylphthalate	ND	ug/kg	565	207	1	03/27/21 14:29	03/29/21 14:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	565	235	1	03/27/21 14:29	03/29/21 14:32	105-67-9	
Dimethylphthalate	ND	ug/kg	565	206	1	03/27/21 14:29	03/29/21 14:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	565	190	1	03/27/21 14:29	03/29/21 14:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1130	528	1	03/27/21 14:29	03/29/21 14:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2830	1750	1	03/27/21 14:29	03/29/21 14:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	565	218	1	03/27/21 14:29	03/29/21 14:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	565	207	1	03/27/21 14:29	03/29/21 14:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	565	223	1	03/27/21 14:29	03/29/21 14:32	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	565	219	1	03/27/21 14:29	03/29/21 14:32	117-81-7	v1
Fluoranthene	ND	ug/kg	565	194	1	03/27/21 14:29	03/29/21 14:32	206-44-0	
Fluorene	ND	ug/kg	565	199	1	03/27/21 14:29	03/29/21 14:32	86-73-7	
Hexachlorobenzene	ND	ug/kg	565	221	1	03/27/21 14:29	03/29/21 14:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	565	324	1	03/27/21 14:29	03/29/21 14:32	77-47-4	v2
Hexachloroethane	ND	ug/kg	565	216	1	03/27/21 14:29	03/29/21 14:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	565	223	1	03/27/21 14:29	03/29/21 14:32	193-39-5	
Isophorone	ND	ug/kg	565	252	1	03/27/21 14:29	03/29/21 14:32	78-59-1	v1
1-Methylnaphthalene	ND	ug/kg	565	199	1	03/27/21 14:29	03/29/21 14:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	565	226	1	03/27/21 14:29	03/29/21 14:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	565	231	1	03/27/21 14:29	03/29/21 14:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	565	228	1	03/27/21 14:29	03/29/21 14:32	15831-10-4	
2-Nitroaniline	ND	ug/kg	2830	463	1	03/27/21 14:29	03/29/21 14:32	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2830	444	1	03/27/21 14:29	03/29/21 14:32	99-09-2	IL
4-Nitroaniline	ND	ug/kg	1130	430	1	03/27/21 14:29	03/29/21 14:32	100-01-6	
Nitrobenzene	ND	ug/kg	565	262	1	03/27/21 14:29	03/29/21 14:32	98-95-3	
2-Nitrophenol	ND	ug/kg	565	245	1	03/27/21 14:29	03/29/21 14:32	88-75-5	
4-Nitrophenol	ND	ug/kg	2830	1090	1	03/27/21 14:29	03/29/21 14:32	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	565	190	1	03/27/21 14:29	03/29/21 14:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	565	212	1	03/27/21 14:29	03/29/21 14:32	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	565	200	1	03/27/21 14:29	03/29/21 14:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	565	269	1	03/27/21 14:29	03/29/21 14:32	108-60-1	v1
Pentachlorophenol	ND	ug/kg	1130	553	1	03/27/21 14:29	03/29/21 14:32	87-86-5	
Phenanthrene	ND	ug/kg	565	185	1	03/27/21 14:29	03/29/21 14:32	85-01-8	
Phenol	ND	ug/kg	565	252	1	03/27/21 14:29	03/29/21 14:32	108-95-2	
Pyrene	ND	ug/kg	565	230	1	03/27/21 14:29	03/29/21 14:32	129-00-0	
Pyridine	ND	ug/kg	565	178	1	03/27/21 14:29	03/29/21 14:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	565	259	1	03/27/21 14:29	03/29/21 14:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	565	233	1	03/27/21 14:29	03/29/21 14:32	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	62	%	21-130		1	03/27/21 14:29	03/29/21 14:32	4165-60-0	
2-Fluorobiphenyl (S)	48	%	19-130		1	03/27/21 14:29	03/29/21 14:32	321-60-8	
Terphenyl-d14 (S)	71	%	15-130		1	03/27/21 14:29	03/29/21 14:32	1718-51-0	
Phenol-d6 (S)	52	%	18-130		1	03/27/21 14:29	03/29/21 14:32	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_0-0.6-20210324 **Lab ID:** 92529815011 Collected: 03/24/21 14:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	50	%	18-130		1	03/27/21 14:29	03/29/21 14:32	367-12-4	
2,4,6-Tribromophenol (S)	50	%	18-130		1	03/27/21 14:29	03/29/21 14:32	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	234	75.2	1	03/26/21 16:58	03/26/21 22:54	67-64-1	
Benzene	ND	ug/kg	11.7	4.7	1	03/26/21 16:58	03/26/21 22:54	71-43-2	
Bromobenzene	ND	ug/kg	11.7	3.8	1	03/26/21 16:58	03/26/21 22:54	108-86-1	
Bromochloromethane	ND	ug/kg	11.7	3.5	1	03/26/21 16:58	03/26/21 22:54	74-97-5	
Bromodichloromethane	ND	ug/kg	11.7	4.5	1	03/26/21 16:58	03/26/21 22:54	75-27-4	
Bromoform	ND	ug/kg	11.7	4.1	1	03/26/21 16:58	03/26/21 22:54	75-25-2	
Bromomethane	ND	ug/kg	23.4	18.5	1	03/26/21 16:58	03/26/21 22:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	234	56.2	1	03/26/21 16:58	03/26/21 22:54	78-93-3	
n-Butylbenzene	ND	ug/kg	11.7	5.5	1	03/26/21 16:58	03/26/21 22:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.7	5.2	1	03/26/21 16:58	03/26/21 22:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.7	4.2	1	03/26/21 16:58	03/26/21 22:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.7	4.4	1	03/26/21 16:58	03/26/21 22:54	56-23-5	
Chlorobenzene	ND	ug/kg	11.7	2.2	1	03/26/21 16:58	03/26/21 22:54	108-90-7	
Chloroethane	ND	ug/kg	23.4	9.0	1	03/26/21 16:58	03/26/21 22:54	75-00-3	
Chloroform	8.9J	ug/kg	11.7	7.1	1	03/26/21 16:58	03/26/21 22:54	67-66-3	1g
Chloromethane	ND	ug/kg	23.4	9.8	1	03/26/21 16:58	03/26/21 22:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.7	4.1	1	03/26/21 16:58	03/26/21 22:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.7	2.1	1	03/26/21 16:58	03/26/21 22:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.7	4.5	1	03/26/21 16:58	03/26/21 22:54	96-12-8	
Dibromochloromethane	ND	ug/kg	11.7	6.6	1	03/26/21 16:58	03/26/21 22:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.7	5.2	1	03/26/21 16:58	03/26/21 22:54	106-93-4	
Dibromomethane	ND	ug/kg	11.7	2.5	1	03/26/21 16:58	03/26/21 22:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.7	4.2	1	03/26/21 16:58	03/26/21 22:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.7	3.6	1	03/26/21 16:58	03/26/21 22:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.7	3.0	1	03/26/21 16:58	03/26/21 22:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	23.4	5.1	1	03/26/21 16:58	03/26/21 22:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.7	4.8	1	03/26/21 16:58	03/26/21 22:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.7	7.8	1	03/26/21 16:58	03/26/21 22:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.7	4.8	1	03/26/21 16:58	03/26/21 22:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.7	4.0	1	03/26/21 16:58	03/26/21 22:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.7	4.1	1	03/26/21 16:58	03/26/21 22:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.7	3.5	1	03/26/21 16:58	03/26/21 22:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.7	3.7	1	03/26/21 16:58	03/26/21 22:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.7	3.8	1	03/26/21 16:58	03/26/21 22:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.7	5.6	1	03/26/21 16:58	03/26/21 22:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.7	3.2	1	03/26/21 16:58	03/26/21 22:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.7	4.0	1	03/26/21 16:58	03/26/21 22:54	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_0-0.6-20210324 **Lab ID:** 92529815011 Collected: 03/24/21 14:00 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	11.7	3.2	1	03/26/21 16:58	03/26/21 22:54	108-20-3	
Ethylbenzene	ND	ug/kg	11.7	5.5	1	03/26/21 16:58	03/26/21 22:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	23.4	19.2	1	03/26/21 16:58	03/26/21 22:54	87-68-3	
2-Hexanone	ND	ug/kg	117	11.3	1	03/26/21 16:58	03/26/21 22:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.7	4.0	1	03/26/21 16:58	03/26/21 22:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.7	5.8	1	03/26/21 16:58	03/26/21 22:54	99-87-6	
Methylene Chloride	ND	ug/kg	46.8	32.1	1	03/26/21 16:58	03/26/21 22:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	117	11.3	1	03/26/21 16:58	03/26/21 22:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.7	4.4	1	03/26/21 16:58	03/26/21 22:54	1634-04-4	
Naphthalene	ND	ug/kg	11.7	6.2	1	03/26/21 16:58	03/26/21 22:54	91-20-3	
n-Propylbenzene	ND	ug/kg	11.7	4.2	1	03/26/21 16:58	03/26/21 22:54	103-65-1	
Styrene	ND	ug/kg	11.7	3.1	1	03/26/21 16:58	03/26/21 22:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.7	4.5	1	03/26/21 16:58	03/26/21 22:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.7	3.1	1	03/26/21 16:58	03/26/21 22:54	79-34-5	
Tetrachloroethene	ND	ug/kg	11.7	3.7	1	03/26/21 16:58	03/26/21 22:54	127-18-4	
Toluene	ND	ug/kg	11.7	3.3	1	03/26/21 16:58	03/26/21 22:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.7	9.5	1	03/26/21 16:58	03/26/21 22:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.7	9.8	1	03/26/21 16:58	03/26/21 22:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.7	6.1	1	03/26/21 16:58	03/26/21 22:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.7	3.9	1	03/26/21 16:58	03/26/21 22:54	79-00-5	
Trichloroethene	ND	ug/kg	11.7	3.0	1	03/26/21 16:58	03/26/21 22:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.7	6.4	1	03/26/21 16:58	03/26/21 22:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.7	5.9	1	03/26/21 16:58	03/26/21 22:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.7	3.2	1	03/26/21 16:58	03/26/21 22:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.7	3.9	1	03/26/21 16:58	03/26/21 22:54	108-67-8	
Vinyl acetate	ND	ug/kg	117	8.5	1	03/26/21 16:58	03/26/21 22:54	108-05-4	
Vinyl chloride	ND	ug/kg	23.4	5.9	1	03/26/21 16:58	03/26/21 22:54	75-01-4	
Xylene (Total)	ND	ug/kg	23.4	6.7	1	03/26/21 16:58	03/26/21 22:54	1330-20-7	
m&p-Xylene	ND	ug/kg	23.4	8.0	1	03/26/21 16:58	03/26/21 22:54	179601-23-1	
o-Xylene	ND	ug/kg	11.7	5.2	1	03/26/21 16:58	03/26/21 22:54	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1	03/26/21 16:58	03/26/21 22:54	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/26/21 16:58	03/26/21 22:54	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1	03/26/21 16:58	03/26/21 22:54	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	41.4	%	0.10	0.10	1		03/26/21 17:38		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_2-2.5-20210324 **Lab ID:** 92529815012 Collected: 03/24/21 14:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.0	18.3	1	03/27/21 14:32	03/28/21 15:54	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.0	19.3	1	03/27/21 14:32	03/28/21 15:54	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.0	17.5	1	03/27/21 14:32	03/28/21 15:54	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.0	9.4	1	03/27/21 14:32	03/28/21 15:54	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.0	12.5	1	03/27/21 14:32	03/28/21 15:54	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.0	9.4	1	03/27/21 14:32	03/28/21 15:54	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.0	12.0	1	03/27/21 14:32	03/28/21 15:54	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	101	%	10-160		1	03/27/21 14:32	03/28/21 15:54	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	15.0	1.5	1	03/29/21 12:37	03/30/21 12:11	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	99	%	31-130		1	03/29/21 12:37	03/30/21 12:11	321-60-8	
Nitrobenzene-d5 (S)	116	%	32-130		1	03/29/21 12:37	03/30/21 12:11	4165-60-0	
Terphenyl-d14 (S)	135	%	24-130		1	03/29/21 12:37	03/30/21 12:11	1718-51-0	S3
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 14:59	83-32-9	
Acenaphthylene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 14:59	208-96-8	
Aniline	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 14:59	62-53-3	
Anthracene	ND	ug/kg	495	162	1	03/27/21 14:29	03/29/21 14:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	495	165	1	03/27/21 14:29	03/29/21 14:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	495	165	1	03/27/21 14:29	03/29/21 14:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	495	192	1	03/27/21 14:29	03/29/21 14:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 14:59	207-08-9	
Benzoic Acid	ND	ug/kg	2480	1060	1	03/27/21 14:29	03/29/21 14:59	65-85-0	
Benzyl alcohol	ND	ug/kg	991	375	1	03/27/21 14:29	03/29/21 14:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 14:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	495	209	1	03/27/21 14:29	03/29/21 14:59	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	991	348	1	03/27/21 14:29	03/29/21 14:59	59-50-7	
4-Chloroaniline	ND	ug/kg	991	389	1	03/27/21 14:29	03/29/21 14:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	495	206	1	03/27/21 14:29	03/29/21 14:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 14:59	111-44-4	
2-Chloronaphthalene	ND	ug/kg	495	197	1	03/27/21 14:29	03/29/21 14:59	91-58-7	
2-Chlorophenol	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 14:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	495	185	1	03/27/21 14:29	03/29/21 14:59	7005-72-3	
Chrysene	ND	ug/kg	495	180	1	03/27/21 14:29	03/29/21 14:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 14:59	53-70-3	
Dibenzofuran	ND	ug/kg	495	179	1	03/27/21 14:29	03/29/21 14:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	991	335	1	03/27/21 14:29	03/29/21 14:59	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_2-2.5-20210324 **Lab ID: 92529815012** Collected: 03/24/21 14:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 14:59	120-83-2	
Diethylphthalate	ND	ug/kg	495	182	1	03/27/21 14:29	03/29/21 14:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	495	206	1	03/27/21 14:29	03/29/21 14:59	105-67-9	
Dimethylphthalate	ND	ug/kg	495	180	1	03/27/21 14:29	03/29/21 14:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	495	167	1	03/27/21 14:29	03/29/21 14:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	991	462	1	03/27/21 14:29	03/29/21 14:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2480	1530	1	03/27/21 14:29	03/29/21 14:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 14:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	495	182	1	03/27/21 14:29	03/29/21 14:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	495	195	1	03/27/21 14:29	03/29/21 14:59	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	495	192	1	03/27/21 14:29	03/29/21 14:59	117-81-7	v1
Fluoranthene	ND	ug/kg	495	170	1	03/27/21 14:29	03/29/21 14:59	206-44-0	
Fluorene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 14:59	86-73-7	
Hexachlorobenzene	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 14:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	495	284	1	03/27/21 14:29	03/29/21 14:59	77-47-4	v2
Hexachloroethane	ND	ug/kg	495	189	1	03/27/21 14:29	03/29/21 14:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	495	195	1	03/27/21 14:29	03/29/21 14:59	193-39-5	
Isophorone	ND	ug/kg	495	221	1	03/27/21 14:29	03/29/21 14:59	78-59-1	v1
1-Methylnaphthalene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 14:59	90-12-0	
2-Methylnaphthalene	ND	ug/kg	495	198	1	03/27/21 14:29	03/29/21 14:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	495	203	1	03/27/21 14:29	03/29/21 14:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	495	200	1	03/27/21 14:29	03/29/21 14:59	15831-10-4	
2-Nitroaniline	ND	ug/kg	2480	405	1	03/27/21 14:29	03/29/21 14:59	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2480	389	1	03/27/21 14:29	03/29/21 14:59	99-09-2	IL
4-Nitroaniline	ND	ug/kg	991	377	1	03/27/21 14:29	03/29/21 14:59	100-01-6	
Nitrobenzene	ND	ug/kg	495	230	1	03/27/21 14:29	03/29/21 14:59	98-95-3	
2-Nitrophenol	ND	ug/kg	495	215	1	03/27/21 14:29	03/29/21 14:59	88-75-5	
4-Nitrophenol	ND	ug/kg	2480	958	1	03/27/21 14:29	03/29/21 14:59	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	495	167	1	03/27/21 14:29	03/29/21 14:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 14:59	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	495	176	1	03/27/21 14:29	03/29/21 14:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	495	236	1	03/27/21 14:29	03/29/21 14:59	108-60-1	v1
Pentachlorophenol	ND	ug/kg	991	485	1	03/27/21 14:29	03/29/21 14:59	87-86-5	
Phenanthrene	ND	ug/kg	495	162	1	03/27/21 14:29	03/29/21 14:59	85-01-8	
Phenol	ND	ug/kg	495	221	1	03/27/21 14:29	03/29/21 14:59	108-95-2	
Pyrene	ND	ug/kg	495	201	1	03/27/21 14:29	03/29/21 14:59	129-00-0	
Pyridine	ND	ug/kg	495	156	1	03/27/21 14:29	03/29/21 14:59	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	495	227	1	03/27/21 14:29	03/29/21 14:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	495	204	1	03/27/21 14:29	03/29/21 14:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/27/21 14:29	03/29/21 14:59	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	03/27/21 14:29	03/29/21 14:59	321-60-8	
Terphenyl-d14 (S)	75	%	15-130		1	03/27/21 14:29	03/29/21 14:59	1718-51-0	
Phenol-d6 (S)	58	%	18-130		1	03/27/21 14:29	03/29/21 14:59	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_2-2.5-20210324 **Lab ID:** 92529815012 Collected: 03/24/21 14:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 14:59	367-12-4	
2,4,6-Tribromophenol (S)	56	%	18-130		1	03/27/21 14:29	03/29/21 14:59	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	201	64.6	1	03/26/21 16:58	03/26/21 23:12	67-64-1	
Benzene	ND	ug/kg	10.1	4.0	1	03/26/21 16:58	03/26/21 23:12	71-43-2	
Bromobenzene	ND	ug/kg	10.1	3.3	1	03/26/21 16:58	03/26/21 23:12	108-86-1	
Bromochloromethane	ND	ug/kg	10.1	3.0	1	03/26/21 16:58	03/26/21 23:12	74-97-5	
Bromodichloromethane	ND	ug/kg	10.1	3.9	1	03/26/21 16:58	03/26/21 23:12	75-27-4	
Bromoform	ND	ug/kg	10.1	3.5	1	03/26/21 16:58	03/26/21 23:12	75-25-2	
Bromomethane	ND	ug/kg	20.1	15.9	1	03/26/21 16:58	03/26/21 23:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	201	48.3	1	03/26/21 16:58	03/26/21 23:12	78-93-3	
n-Butylbenzene	ND	ug/kg	10.1	4.8	1	03/26/21 16:58	03/26/21 23:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.1	4.4	1	03/26/21 16:58	03/26/21 23:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.1	3.6	1	03/26/21 16:58	03/26/21 23:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.1	3.8	1	03/26/21 16:58	03/26/21 23:12	56-23-5	
Chlorobenzene	ND	ug/kg	10.1	1.9	1	03/26/21 16:58	03/26/21 23:12	108-90-7	
Chloroethane	ND	ug/kg	20.1	7.8	1	03/26/21 16:58	03/26/21 23:12	75-00-3	
Chloroform	8.4J	ug/kg	10.1	6.1	1	03/26/21 16:58	03/26/21 23:12	67-66-3	1g
Chloromethane	ND	ug/kg	20.1	8.5	1	03/26/21 16:58	03/26/21 23:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.1	3.6	1	03/26/21 16:58	03/26/21 23:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.1	1.8	1	03/26/21 16:58	03/26/21 23:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.1	3.9	1	03/26/21 16:58	03/26/21 23:12	96-12-8	
Dibromochloromethane	ND	ug/kg	10.1	5.7	1	03/26/21 16:58	03/26/21 23:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.1	4.4	1	03/26/21 16:58	03/26/21 23:12	106-93-4	
Dibromomethane	ND	ug/kg	10.1	2.2	1	03/26/21 16:58	03/26/21 23:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.1	3.6	1	03/26/21 16:58	03/26/21 23:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.1	3.1	1	03/26/21 16:58	03/26/21 23:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.1	2.6	1	03/26/21 16:58	03/26/21 23:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.1	4.4	1	03/26/21 16:58	03/26/21 23:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.1	4.1	1	03/26/21 16:58	03/26/21 23:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.1	6.7	1	03/26/21 16:58	03/26/21 23:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.1	4.1	1	03/26/21 16:58	03/26/21 23:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.1	3.4	1	03/26/21 16:58	03/26/21 23:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.1	3.5	1	03/26/21 16:58	03/26/21 23:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.1	3.0	1	03/26/21 16:58	03/26/21 23:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.1	3.1	1	03/26/21 16:58	03/26/21 23:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.1	3.3	1	03/26/21 16:58	03/26/21 23:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.1	4.8	1	03/26/21 16:58	03/26/21 23:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.1	2.7	1	03/26/21 16:58	03/26/21 23:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.1	3.5	1	03/26/21 16:58	03/26/21 23:12	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-6B_SE_2-2.5-20210324 **Lab ID:** 92529815012 Collected: 03/24/21 14:30 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	10.1	2.7	1	03/26/21 16:58	03/26/21 23:12	108-20-3	
Ethylbenzene	ND	ug/kg	10.1	4.7	1	03/26/21 16:58	03/26/21 23:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	20.1	16.5	1	03/26/21 16:58	03/26/21 23:12	87-68-3	
2-Hexanone	ND	ug/kg	101	9.7	1	03/26/21 16:58	03/26/21 23:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.1	3.4	1	03/26/21 16:58	03/26/21 23:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.1	5.0	1	03/26/21 16:58	03/26/21 23:12	99-87-6	
Methylene Chloride	ND	ug/kg	40.3	27.6	1	03/26/21 16:58	03/26/21 23:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	101	9.7	1	03/26/21 16:58	03/26/21 23:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.1	3.8	1	03/26/21 16:58	03/26/21 23:12	1634-04-4	
Naphthalene	ND	ug/kg	10.1	5.3	1	03/26/21 16:58	03/26/21 23:12	91-20-3	
n-Propylbenzene	ND	ug/kg	10.1	3.6	1	03/26/21 16:58	03/26/21 23:12	103-65-1	
Styrene	ND	ug/kg	10.1	2.7	1	03/26/21 16:58	03/26/21 23:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.1	3.9	1	03/26/21 16:58	03/26/21 23:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.1	2.7	1	03/26/21 16:58	03/26/21 23:12	79-34-5	
Tetrachloroethene	ND	ug/kg	10.1	3.2	1	03/26/21 16:58	03/26/21 23:12	127-18-4	
Toluene	ND	ug/kg	10.1	2.9	1	03/26/21 16:58	03/26/21 23:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.1	8.1	1	03/26/21 16:58	03/26/21 23:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.1	8.5	1	03/26/21 16:58	03/26/21 23:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.1	5.2	1	03/26/21 16:58	03/26/21 23:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.1	3.3	1	03/26/21 16:58	03/26/21 23:12	79-00-5	
Trichloroethene	ND	ug/kg	10.1	2.6	1	03/26/21 16:58	03/26/21 23:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.1	5.5	1	03/26/21 16:58	03/26/21 23:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.1	5.1	1	03/26/21 16:58	03/26/21 23:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10.1	2.8	1	03/26/21 16:58	03/26/21 23:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.1	3.4	1	03/26/21 16:58	03/26/21 23:12	108-67-8	
Vinyl acetate	ND	ug/kg	101	7.3	1	03/26/21 16:58	03/26/21 23:12	108-05-4	
Vinyl chloride	ND	ug/kg	20.1	5.1	1	03/26/21 16:58	03/26/21 23:12	75-01-4	
Xylene (Total)	ND	ug/kg	20.1	5.7	1	03/26/21 16:58	03/26/21 23:12	1330-20-7	
m&p-Xylene	ND	ug/kg	20.1	6.9	1	03/26/21 16:58	03/26/21 23:12	179601-23-1	
o-Xylene	ND	ug/kg	10.1	4.5	1	03/26/21 16:58	03/26/21 23:12	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 23:12	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-134		1	03/26/21 16:58	03/26/21 23:12	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1	03/26/21 16:58	03/26/21 23:12	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	34.0	%	0.10	0.10	1		03/26/21 17:38		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_0-0.6-20210324 **Lab ID:** 92529815013 Collected: 03/24/21 15:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	65.3	23.9	1	03/27/21 14:32	03/28/21 16:08	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	65.3	25.2	1	03/27/21 14:32	03/28/21 16:08	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	65.3	22.9	1	03/27/21 14:32	03/28/21 16:08	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	65.3	12.3	1	03/27/21 14:32	03/28/21 16:08	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	65.3	16.3	1	03/27/21 14:32	03/28/21 16:08	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	65.3	12.3	1	03/27/21 14:32	03/28/21 16:08	11097-69-1	
PCB-1260 (Aroclor 1260)	189	ug/kg	65.3	15.6	1	03/27/21 14:32	03/28/21 16:08	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	86	%	10-160		1	03/27/21 14:32	03/28/21 16:08	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	12200	ug/kg	396	40.7	20	03/29/21 12:37	03/30/21 14:01	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	0	%	31-130		20	03/29/21 12:37	03/30/21 14:01	321-60-8	D3,S4
Nitrobenzene-d5 (S)	0	%	32-130		20	03/29/21 12:37	03/30/21 14:01	4165-60-0	S4
Terphenyl-d14 (S)	0	%	24-130		20	03/29/21 12:37	03/30/21 14:01	1718-51-0	S4
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	1920	ug/kg	657	231	1	03/27/21 14:29	03/30/21 14:05	83-32-9	
Acenaphthylene	1990	ug/kg	657	231	1	03/27/21 14:29	03/30/21 14:05	208-96-8	
Aniline	ND	ug/kg	657	257	1	03/27/21 14:29	03/30/21 14:05	62-53-3	
Anthracene	3830	ug/kg	657	215	1	03/27/21 14:29	03/30/21 14:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	657	219	1	03/27/21 14:29	03/30/21 14:05	56-55-3	
Benzo(b)fluoranthene	11100	ug/kg	3290	1100	5	03/27/21 14:29	03/30/21 14:36	205-99-2	
Benzo(g,h,i)perylene	5670	ug/kg	657	255	1	03/27/21 14:29	03/30/21 14:05	191-24-2	
Benzo(k)fluoranthene	3870	ug/kg	3290	1150	5	03/27/21 14:29	03/30/21 14:36	207-08-9	
Benzoic Acid	ND	ug/kg	3290	1410	1	03/27/21 14:29	03/30/21 14:05	65-85-0	
Benzyl alcohol	ND	ug/kg	1310	498	1	03/27/21 14:29	03/30/21 14:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	657	253	1	03/27/21 14:29	03/30/21 14:05	101-55-3	
Butylbenzylphthalate	ND	ug/kg	657	277	1	03/27/21 14:29	03/30/21 14:05	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1310	462	1	03/27/21 14:29	03/30/21 14:05	59-50-7	
4-Chloroaniline	ND	ug/kg	1310	516	1	03/27/21 14:29	03/30/21 14:05	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	657	273	1	03/27/21 14:29	03/30/21 14:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	657	247	1	03/27/21 14:29	03/30/21 14:05	111-44-4	
2-Chloronaphthalene	ND	ug/kg	657	261	1	03/27/21 14:29	03/30/21 14:05	91-58-7	
2-Chlorophenol	ND	ug/kg	657	247	1	03/27/21 14:29	03/30/21 14:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	657	245	1	03/27/21 14:29	03/30/21 14:05	7005-72-3	
Chrysene	9090	ug/kg	3290	1190	5	03/27/21 14:29	03/30/21 14:36	218-01-9	
Dibenz(a,h)anthracene	1800	ug/kg	657	253	1	03/27/21 14:29	03/30/21 14:05	53-70-3	
Dibenzofuran	1190	ug/kg	657	237	1	03/27/21 14:29	03/30/21 14:05	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1310	444	1	03/27/21 14:29	03/30/21 14:05	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_0-0.6-20210324 Lab ID: 92529815013 Collected: 03/24/21 15:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	657	257	1	03/27/21 14:29	03/30/21 14:05	120-83-2	
Diethylphthalate	ND	ug/kg	657	241	1	03/27/21 14:29	03/30/21 14:05	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	657	273	1	03/27/21 14:29	03/30/21 14:05	105-67-9	
Dimethylphthalate	ND	ug/kg	657	239	1	03/27/21 14:29	03/30/21 14:05	131-11-3	
Di-n-butylphthalate	ND	ug/kg	657	221	1	03/27/21 14:29	03/30/21 14:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1310	613	1	03/27/21 14:29	03/30/21 14:05	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3290	2030	1	03/27/21 14:29	03/30/21 14:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	657	253	1	03/27/21 14:29	03/30/21 14:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	657	241	1	03/27/21 14:29	03/30/21 14:05	606-20-2	
Di-n-octylphthalate	ND	ug/kg	657	259	1	03/27/21 14:29	03/30/21 14:05	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	657	255	1	03/27/21 14:29	03/30/21 14:05	117-81-7	v1
Fluoranthene	16300	ug/kg	3290	1120	5	03/27/21 14:29	03/30/21 14:36	206-44-0	
Fluorene	1980	ug/kg	657	231	1	03/27/21 14:29	03/30/21 14:05	86-73-7	
Hexachlorobenzene	ND	ug/kg	657	257	1	03/27/21 14:29	03/30/21 14:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	657	376	1	03/27/21 14:29	03/30/21 14:05	77-47-4	v2
Hexachloroethane	ND	ug/kg	657	251	1	03/27/21 14:29	03/30/21 14:05	67-72-1	
Indeno(1,2,3-cd)pyrene	5380	ug/kg	657	259	1	03/27/21 14:29	03/30/21 14:05	193-39-5	
Isophorone	ND	ug/kg	657	293	1	03/27/21 14:29	03/30/21 14:05	78-59-1	
1-Methylnaphthalene	942	ug/kg	657	231	1	03/27/21 14:29	03/30/21 14:05	90-12-0	
2-Methylnaphthalene	1340	ug/kg	657	263	1	03/27/21 14:29	03/30/21 14:05	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	657	269	1	03/27/21 14:29	03/30/21 14:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	329J	ug/kg	657	265	1	03/27/21 14:29	03/30/21 14:05	15831-10-4	
2-Nitroaniline	ND	ug/kg	3290	538	1	03/27/21 14:29	03/30/21 14:05	88-74-4	
3-Nitroaniline	ND	ug/kg	3290	516	1	03/27/21 14:29	03/30/21 14:05	99-09-2	IL
4-Nitroaniline	ND	ug/kg	1310	500	1	03/27/21 14:29	03/30/21 14:05	100-01-6	
Nitrobenzene	ND	ug/kg	657	305	1	03/27/21 14:29	03/30/21 14:05	98-95-3	
2-Nitrophenol	ND	ug/kg	657	285	1	03/27/21 14:29	03/30/21 14:05	88-75-5	
4-Nitrophenol	ND	ug/kg	3290	1270	1	03/27/21 14:29	03/30/21 14:05	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	657	221	1	03/27/21 14:29	03/30/21 14:05	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	657	247	1	03/27/21 14:29	03/30/21 14:05	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	657	233	1	03/27/21 14:29	03/30/21 14:05	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	657	313	1	03/27/21 14:29	03/30/21 14:05	108-60-1	v1
Pentachlorophenol	ND	ug/kg	1310	643	1	03/27/21 14:29	03/30/21 14:05	87-86-5	
Phenanthrene	7400	ug/kg	3290	1080	5	03/27/21 14:29	03/30/21 14:36	85-01-8	
Phenol	ND	ug/kg	657	293	1	03/27/21 14:29	03/30/21 14:05	108-95-2	
Pyrene	17000	ug/kg	3290	1330	5	03/27/21 14:29	03/30/21 14:36	129-00-0	
Pyridine	ND	ug/kg	657	207	1	03/27/21 14:29	03/30/21 14:05	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	657	301	1	03/27/21 14:29	03/30/21 14:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	657	271	1	03/27/21 14:29	03/30/21 14:05	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	21-130		1	03/27/21 14:29	03/30/21 14:05	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	03/27/21 14:29	03/30/21 14:05	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	03/27/21 14:29	03/30/21 14:05	1718-51-0	
Phenol-d6 (S)	58	%	18-130		1	03/27/21 14:29	03/30/21 14:05	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_0-0.6-20210324 Lab ID: 92529815013 Collected: 03/24/21 15:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	54	%	18-130		1	03/27/21 14:29	03/30/21 14:05	367-12-4	
2,4,6-Tribromophenol (S)	59	%	18-130		1	03/27/21 14:29	03/30/21 14:05	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	1320	424	4	03/26/21 16:58	03/27/21 03:07	67-64-1	
Benzene	86.6	ug/kg	66.0	26.3	4	03/26/21 16:58	03/27/21 03:07	71-43-2	
Bromobenzene	ND	ug/kg	66.0	21.5	4	03/26/21 16:58	03/27/21 03:07	108-86-1	
Bromochloromethane	ND	ug/kg	66.0	19.5	4	03/26/21 16:58	03/27/21 03:07	74-97-5	
Bromodichloromethane	ND	ug/kg	66.0	25.5	4	03/26/21 16:58	03/27/21 03:07	75-27-4	
Bromoform	ND	ug/kg	66.0	23.2	4	03/26/21 16:58	03/27/21 03:07	75-25-2	
Bromomethane	ND	ug/kg	132	104	4	03/26/21 16:58	03/27/21 03:07	74-83-9	
2-Butanone (MEK)	ND	ug/kg	1320	317	4	03/26/21 16:58	03/27/21 03:07	78-93-3	
n-Butylbenzene	ND	ug/kg	66.0	31.2	4	03/26/21 16:58	03/27/21 03:07	104-51-8	
sec-Butylbenzene	ND	ug/kg	66.0	29.0	4	03/26/21 16:58	03/27/21 03:07	135-98-8	
tert-Butylbenzene	ND	ug/kg	66.0	23.5	4	03/26/21 16:58	03/27/21 03:07	98-06-6	
Carbon tetrachloride	ND	ug/kg	66.0	24.7	4	03/26/21 16:58	03/27/21 03:07	56-23-5	
Chlorobenzene	ND	ug/kg	66.0	12.7	4	03/26/21 16:58	03/27/21 03:07	108-90-7	
Chloroethane	ND	ug/kg	132	51.0	4	03/26/21 16:58	03/27/21 03:07	75-00-3	
Chloroform	53.7J	ug/kg	66.0	40.1	4	03/26/21 16:58	03/27/21 03:07	67-66-3	1g
Chloromethane	ND	ug/kg	132	55.4	4	03/26/21 16:58	03/27/21 03:07	74-87-3	
2-Chlorotoluene	ND	ug/kg	66.0	23.4	4	03/26/21 16:58	03/27/21 03:07	95-49-8	
4-Chlorotoluene	ND	ug/kg	66.0	11.7	4	03/26/21 16:58	03/27/21 03:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	66.0	25.6	4	03/26/21 16:58	03/27/21 03:07	96-12-8	
Dibromochloromethane	ND	ug/kg	66.0	37.1	4	03/26/21 16:58	03/27/21 03:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	66.0	29.0	4	03/26/21 16:58	03/27/21 03:07	106-93-4	
Dibromomethane	ND	ug/kg	66.0	14.1	4	03/26/21 16:58	03/27/21 03:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	66.0	23.8	4	03/26/21 16:58	03/27/21 03:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	66.0	20.5	4	03/26/21 16:58	03/27/21 03:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	66.0	17.2	4	03/26/21 16:58	03/27/21 03:07	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	132	28.6	4	03/26/21 16:58	03/27/21 03:07	75-71-8	
1,1-Dichloroethane	ND	ug/kg	66.0	27.2	4	03/26/21 16:58	03/27/21 03:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	66.0	43.7	4	03/26/21 16:58	03/27/21 03:07	107-06-2	
1,1-Dichloroethene	ND	ug/kg	66.0	27.2	4	03/26/21 16:58	03/27/21 03:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	66.0	22.6	4	03/26/21 16:58	03/27/21 03:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	66.0	23.1	4	03/26/21 16:58	03/27/21 03:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	66.0	19.8	4	03/26/21 16:58	03/27/21 03:07	78-87-5	
1,3-Dichloropropane	ND	ug/kg	66.0	20.6	4	03/26/21 16:58	03/27/21 03:07	142-28-9	
2,2-Dichloropropane	ND	ug/kg	66.0	21.5	4	03/26/21 16:58	03/27/21 03:07	594-20-7	
1,1-Dichloropropene	ND	ug/kg	66.0	31.7	4	03/26/21 16:58	03/27/21 03:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	66.0	18.0	4	03/26/21 16:58	03/27/21 03:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	66.0	22.7	4	03/26/21 16:58	03/27/21 03:07	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_0-0.6-20210324 **Lab ID:** 92529815013 Collected: 03/24/21 15:45 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	66.0	17.8	4	03/26/21 16:58	03/27/21 03:07	108-20-3	
Ethylbenzene	143	ug/kg	66.0	30.8	4	03/26/21 16:58	03/27/21 03:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	132	108	4	03/26/21 16:58	03/27/21 03:07	87-68-3	
2-Hexanone	ND	ug/kg	660	63.6	4	03/26/21 16:58	03/27/21 03:07	591-78-6	
Isopropylbenzene (Cumene)	102	ug/kg	66.0	22.4	4	03/26/21 16:58	03/27/21 03:07	98-82-8	
p-Isopropyltoluene	265	ug/kg	66.0	32.5	4	03/26/21 16:58	03/27/21 03:07	99-87-6	
Methylene Chloride	ND	ug/kg	264	181	4	03/26/21 16:58	03/27/21 03:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	660	63.6	4	03/26/21 16:58	03/27/21 03:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	66.0	24.7	4	03/26/21 16:58	03/27/21 03:07	1634-04-4	
Naphthalene	58600	ug/kg	66.0	34.7	4	03/26/21 16:58	03/27/21 03:07	91-20-3	
n-Propylbenzene	ND	ug/kg	66.0	23.5	4	03/26/21 16:58	03/27/21 03:07	103-65-1	
Styrene	38.6J	ug/kg	66.0	17.4	4	03/26/21 16:58	03/27/21 03:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	66.0	25.3	4	03/26/21 16:58	03/27/21 03:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	66.0	17.4	4	03/26/21 16:58	03/27/21 03:07	79-34-5	
Tetrachloroethene	ND	ug/kg	66.0	20.9	4	03/26/21 16:58	03/27/21 03:07	127-18-4	
Toluene	165	ug/kg	66.0	18.7	4	03/26/21 16:58	03/27/21 03:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	66.0	53.3	4	03/26/21 16:58	03/27/21 03:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	66.0	55.4	4	03/26/21 16:58	03/27/21 03:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	66.0	34.3	4	03/26/21 16:58	03/27/21 03:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	66.0	21.9	4	03/26/21 16:58	03/27/21 03:07	79-00-5	
Trichloroethene	ND	ug/kg	66.0	17.0	4	03/26/21 16:58	03/27/21 03:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	66.0	36.3	4	03/26/21 16:58	03/27/21 03:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	66.0	33.4	4	03/26/21 16:58	03/27/21 03:07	96-18-4	
1,2,4-Trimethylbenzene	1650	ug/kg	66.0	18.1	4	03/26/21 16:58	03/27/21 03:07	95-63-6	
1,3,5-Trimethylbenzene	893	ug/kg	66.0	22.2	4	03/26/21 16:58	03/27/21 03:07	108-67-8	
Vinyl acetate	ND	ug/kg	660	48.1	4	03/26/21 16:58	03/27/21 03:07	108-05-4	
Vinyl chloride	ND	ug/kg	132	33.5	4	03/26/21 16:58	03/27/21 03:07	75-01-4	
Xylene (Total)	712	ug/kg	132	37.6	4	03/26/21 16:58	03/27/21 03:07	1330-20-7	
m&p-Xylene	472	ug/kg	132	45.2	4	03/26/21 16:58	03/27/21 03:07	179601-23-1	
o-Xylene	240	ug/kg	66.0	29.2	4	03/26/21 16:58	03/27/21 03:07	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		4	03/26/21 16:58	03/27/21 03:07	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		4	03/26/21 16:58	03/27/21 03:07	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		4	03/26/21 16:58	03/27/21 03:07	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	49.1	%	0.10	0.10	1		03/26/21 17:38		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_5-6-20210324 **Lab ID: 92529815014** Collected: 03/24/21 16:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.7	18.2	1	03/27/21 14:32	03/28/21 17:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.7	19.2	1	03/27/21 14:32	03/28/21 17:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.7	17.4	1	03/27/21 14:32	03/28/21 17:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.7	9.4	1	03/27/21 14:32	03/28/21 17:05	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.7	12.4	1	03/27/21 14:32	03/28/21 17:05	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.7	9.4	1	03/27/21 14:32	03/28/21 17:05	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.7	11.9	1	03/27/21 14:32	03/28/21 17:05	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	86	%	10-160		1	03/27/21 14:32	03/28/21 17:05	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	162	ug/kg	14.9	1.5	1	03/29/21 12:37	03/30/21 12:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	123	%	31-130		1	03/29/21 12:37	03/30/21 12:55	321-60-8	
Nitrobenzene-d5 (S)	124	%	32-130		1	03/29/21 12:37	03/30/21 12:55	4165-60-0	
Terphenyl-d14 (S)	148	%	24-130		1	03/29/21 12:37	03/30/21 12:55	1718-51-0	S0
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	321J	ug/kg	495	174	1	03/27/21 14:29	03/29/21 15:53	83-32-9	
Acenaphthylene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 15:53	208-96-8	
Aniline	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 15:53	62-53-3	
Anthracene	ND	ug/kg	495	162	1	03/27/21 14:29	03/29/21 15:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	495	165	1	03/27/21 14:29	03/29/21 15:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	495	165	1	03/27/21 14:29	03/29/21 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	495	192	1	03/27/21 14:29	03/29/21 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 15:53	207-08-9	
Benzoic Acid	ND	ug/kg	2480	1060	1	03/27/21 14:29	03/29/21 15:53	65-85-0	
Benzyl alcohol	ND	ug/kg	991	375	1	03/27/21 14:29	03/29/21 15:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 15:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	495	209	1	03/27/21 14:29	03/29/21 15:53	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	991	348	1	03/27/21 14:29	03/29/21 15:53	59-50-7	
4-Chloroaniline	ND	ug/kg	991	389	1	03/27/21 14:29	03/29/21 15:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	495	206	1	03/27/21 14:29	03/29/21 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 15:53	111-44-4	
2-Chloronaphthalene	ND	ug/kg	495	197	1	03/27/21 14:29	03/29/21 15:53	91-58-7	
2-Chlorophenol	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 15:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	495	185	1	03/27/21 14:29	03/29/21 15:53	7005-72-3	
Chrysene	ND	ug/kg	495	180	1	03/27/21 14:29	03/29/21 15:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 15:53	53-70-3	
Dibenzofuran	ND	ug/kg	495	179	1	03/27/21 14:29	03/29/21 15:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	991	335	1	03/27/21 14:29	03/29/21 15:53	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_5-6-20210324 **Lab ID: 92529815014** Collected: 03/24/21 16:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 15:53	120-83-2	
Diethylphthalate	ND	ug/kg	495	182	1	03/27/21 14:29	03/29/21 15:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	495	206	1	03/27/21 14:29	03/29/21 15:53	105-67-9	
Dimethylphthalate	ND	ug/kg	495	180	1	03/27/21 14:29	03/29/21 15:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	495	167	1	03/27/21 14:29	03/29/21 15:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	991	462	1	03/27/21 14:29	03/29/21 15:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2480	1530	1	03/27/21 14:29	03/29/21 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	495	191	1	03/27/21 14:29	03/29/21 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	495	182	1	03/27/21 14:29	03/29/21 15:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	495	195	1	03/27/21 14:29	03/29/21 15:53	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	495	192	1	03/27/21 14:29	03/29/21 15:53	117-81-7	v1
Fluoranthene	316J	ug/kg	495	170	1	03/27/21 14:29	03/29/21 15:53	206-44-0	
Fluorene	ND	ug/kg	495	174	1	03/27/21 14:29	03/29/21 15:53	86-73-7	
Hexachlorobenzene	ND	ug/kg	495	194	1	03/27/21 14:29	03/29/21 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	495	284	1	03/27/21 14:29	03/29/21 15:53	77-47-4	v2
Hexachloroethane	ND	ug/kg	495	189	1	03/27/21 14:29	03/29/21 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	495	195	1	03/27/21 14:29	03/29/21 15:53	193-39-5	
Isophorone	ND	ug/kg	495	221	1	03/27/21 14:29	03/29/21 15:53	78-59-1	v1
1-Methylnaphthalene	309J	ug/kg	495	174	1	03/27/21 14:29	03/29/21 15:53	90-12-0	
2-Methylnaphthalene	275J	ug/kg	495	198	1	03/27/21 14:29	03/29/21 15:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	495	203	1	03/27/21 14:29	03/29/21 15:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	495	200	1	03/27/21 14:29	03/29/21 15:53	15831-10-4	
2-Nitroaniline	ND	ug/kg	2480	405	1	03/27/21 14:29	03/29/21 15:53	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2480	389	1	03/27/21 14:29	03/29/21 15:53	99-09-2	IL
4-Nitroaniline	ND	ug/kg	991	377	1	03/27/21 14:29	03/29/21 15:53	100-01-6	
Nitrobenzene	ND	ug/kg	495	230	1	03/27/21 14:29	03/29/21 15:53	98-95-3	
2-Nitrophenol	ND	ug/kg	495	215	1	03/27/21 14:29	03/29/21 15:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2480	958	1	03/27/21 14:29	03/29/21 15:53	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/kg	495	167	1	03/27/21 14:29	03/29/21 15:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	495	186	1	03/27/21 14:29	03/29/21 15:53	621-64-7	v1
N-Nitrosodiphenylamine	ND	ug/kg	495	176	1	03/27/21 14:29	03/29/21 15:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	495	236	1	03/27/21 14:29	03/29/21 15:53	108-60-1	v1
Pentachlorophenol	ND	ug/kg	991	485	1	03/27/21 14:29	03/29/21 15:53	87-86-5	
Phenanthrene	431J	ug/kg	495	162	1	03/27/21 14:29	03/29/21 15:53	85-01-8	
Phenol	ND	ug/kg	495	221	1	03/27/21 14:29	03/29/21 15:53	108-95-2	
Pyrene	255J	ug/kg	495	201	1	03/27/21 14:29	03/29/21 15:53	129-00-0	
Pyridine	ND	ug/kg	495	156	1	03/27/21 14:29	03/29/21 15:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	495	227	1	03/27/21 14:29	03/29/21 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	495	204	1	03/27/21 14:29	03/29/21 15:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	03/27/21 14:29	03/29/21 15:53	4165-60-0	
2-Fluorobiphenyl (S)	43	%	19-130		1	03/27/21 14:29	03/29/21 15:53	321-60-8	
Terphenyl-d14 (S)	51	%	15-130		1	03/27/21 14:29	03/29/21 15:53	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	03/27/21 14:29	03/29/21 15:53	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_5-6-20210324 **Lab ID:** 92529815014 Collected: 03/24/21 16:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	53	%	18-130		1	03/27/21 14:29	03/29/21 15:53	367-12-4	
2,4,6-Tribromophenol (S)	53	%	18-130		1	03/27/21 14:29	03/29/21 15:53	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	181	58.1	1	03/26/21 16:58	03/26/21 23:30	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	03/26/21 16:58	03/26/21 23:30	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	03/26/21 16:58	03/26/21 23:30	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	03/26/21 16:58	03/26/21 23:30	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	03/26/21 16:58	03/26/21 23:30	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	03/26/21 16:58	03/26/21 23:30	75-25-2	
Bromomethane	ND	ug/kg	18.1	14.3	1	03/26/21 16:58	03/26/21 23:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	181	43.4	1	03/26/21 16:58	03/26/21 23:30	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	03/26/21 16:58	03/26/21 23:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	03/26/21 16:58	03/26/21 23:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	03/26/21 16:58	03/26/21 23:30	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	03/26/21 16:58	03/26/21 23:30	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	03/26/21 16:58	03/26/21 23:30	108-90-7	
Chloroethane	ND	ug/kg	18.1	7.0	1	03/26/21 16:58	03/26/21 23:30	75-00-3	
Chloroform	8.1J	ug/kg	9.1	5.5	1	03/26/21 16:58	03/26/21 23:30	67-66-3	1g
Chloromethane	ND	ug/kg	18.1	7.6	1	03/26/21 16:58	03/26/21 23:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	03/26/21 16:58	03/26/21 23:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	03/26/21 16:58	03/26/21 23:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	03/26/21 16:58	03/26/21 23:30	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	03/26/21 16:58	03/26/21 23:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	03/26/21 16:58	03/26/21 23:30	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	03/26/21 16:58	03/26/21 23:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	03/26/21 16:58	03/26/21 23:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	03/26/21 16:58	03/26/21 23:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	03/26/21 16:58	03/26/21 23:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.1	3.9	1	03/26/21 16:58	03/26/21 23:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.7	1	03/26/21 16:58	03/26/21 23:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	03/26/21 16:58	03/26/21 23:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.7	1	03/26/21 16:58	03/26/21 23:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	03/26/21 16:58	03/26/21 23:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	03/26/21 16:58	03/26/21 23:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	03/26/21 16:58	03/26/21 23:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	03/26/21 16:58	03/26/21 23:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	03/26/21 16:58	03/26/21 23:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.3	1	03/26/21 16:58	03/26/21 23:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	03/26/21 16:58	03/26/21 23:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	03/26/21 16:58	03/26/21 23:30	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: DA4-SB-7_SE_5-6-20210324 **Lab ID:** 92529815014 Collected: 03/24/21 16:15 Received: 03/25/21 12:21 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.1	2.4	1	03/26/21 16:58	03/26/21 23:30	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.2	1	03/26/21 16:58	03/26/21 23:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.1	14.8	1	03/26/21 16:58	03/26/21 23:30	87-68-3	
2-Hexanone	ND	ug/kg	90.5	8.7	1	03/26/21 16:58	03/26/21 23:30	591-78-6	
Isopropylbenzene (Cumene)	7.3J	ug/kg	9.1	3.1	1	03/26/21 16:58	03/26/21 23:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	03/26/21 16:58	03/26/21 23:30	99-87-6	
Methylene Chloride	ND	ug/kg	36.2	24.8	1	03/26/21 16:58	03/26/21 23:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	90.5	8.7	1	03/26/21 16:58	03/26/21 23:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	03/26/21 16:58	03/26/21 23:30	1634-04-4	
Naphthalene	198	ug/kg	9.1	4.8	1	03/26/21 16:58	03/26/21 23:30	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	03/26/21 16:58	03/26/21 23:30	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	03/26/21 16:58	03/26/21 23:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	03/26/21 16:58	03/26/21 23:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	03/26/21 16:58	03/26/21 23:30	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	03/26/21 16:58	03/26/21 23:30	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	03/26/21 16:58	03/26/21 23:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.3	1	03/26/21 16:58	03/26/21 23:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	03/26/21 16:58	03/26/21 23:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	03/26/21 16:58	03/26/21 23:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	03/26/21 16:58	03/26/21 23:30	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	03/26/21 16:58	03/26/21 23:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	03/26/21 16:58	03/26/21 23:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	03/26/21 16:58	03/26/21 23:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	03/26/21 16:58	03/26/21 23:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.0	1	03/26/21 16:58	03/26/21 23:30	108-67-8	
Vinyl acetate	ND	ug/kg	90.5	6.6	1	03/26/21 16:58	03/26/21 23:30	108-05-4	
Vinyl chloride	ND	ug/kg	18.1	4.6	1	03/26/21 16:58	03/26/21 23:30	75-01-4	
Xylene (Total)	ND	ug/kg	18.1	5.2	1	03/26/21 16:58	03/26/21 23:30	1330-20-7	
m&p-Xylene	ND	ug/kg	18.1	6.2	1	03/26/21 16:58	03/26/21 23:30	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	03/26/21 16:58	03/26/21 23:30	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/26/21 16:58	03/26/21 23:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		1	03/26/21 16:58	03/26/21 23:30	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1	03/26/21 16:58	03/26/21 23:30	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	33.8	%	0.10	0.10	1		03/26/21 17:38		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Sample Project No.: 92529815

Sample: **EB-1_WQ_20210324** Lab ID: **92529815015** Collected: 03/24/21 16:30 Received: 03/25/21 12:21 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 15:31	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/30/21 10:51	03/31/21 15:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 15:31	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/30/21 10:51	03/31/21 15:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 15:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 15:31	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/30/21 10:51	03/31/21 15:31	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/30/21 10:51	03/31/21 15:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 15:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/30/21 10:51	03/31/21 15:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/30/21 10:51	03/31/21 15:31	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/30/21 10:51	03/31/21 15:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 15:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 15:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 15:31	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 15:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 15:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 15:31	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 15:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/30/21 10:51	03/31/21 15:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 15:31	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 15:31	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 15:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 15:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/30/21 10:51	03/31/21 15:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/30/21 10:51	03/31/21 15:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 15:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 15:31	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/30/21 10:51	03/31/21 15:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/30/21 10:51	03/31/21 15:31	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 15:31	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 15:31	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 15:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 15:31	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 15:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/30/21 10:51	03/31/21 15:31	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 15:31	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 15:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 15:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 15:31	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: **EB-1_WQ_20210324** Lab ID: **92529815015** Collected: 03/24/21 16:30 Received: 03/25/21 12:21 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/30/21 10:51	03/31/21 15:31	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 15:31	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/30/21 10:51	03/31/21 15:31	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 15:31	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 15:31	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/30/21 10:51	03/31/21 15:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 15:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/30/21 10:51	03/31/21 15:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 15:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 15:31	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 15:31	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 15:31	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 15:31	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 15:31	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 15:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 15:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-144		1	03/30/21 10:51	03/31/21 15:31	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	03/30/21 10:51	03/31/21 15:31	321-60-8	
Terphenyl-d14 (S)	122	%	34-163		1	03/30/21 10:51	03/31/21 15:31	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/30/21 10:51	03/31/21 15:31	13127-88-3	
2-Fluorophenol (S)	58	%	10-130		1	03/30/21 10:51	03/31/21 15:31	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-144		1	03/30/21 10:51	03/31/21 15:31	118-79-6	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/30/21 14:43	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/30/21 14:43	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/30/21 14:43	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/30/21 14:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/30/21 14:43	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/30/21 14:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/30/21 14:43	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/30/21 14:43	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/30/21 14:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/30/21 14:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/30/21 14:43	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/30/21 14:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/30/21 14:43	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/30/21 14:43	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/30/21 14:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/30/21 14:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/30/21 14:43	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/30/21 14:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/30/21 14:43	95-50-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Sample: EB-1_WQ_20210324 **Lab ID: 92529815015** Collected: 03/24/21 16:30 Received: 03/25/21 12:21 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/30/21 14:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/30/21 14:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/30/21 14:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/30/21 14:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/30/21 14:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/30/21 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/30/21 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/30/21 14:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/30/21 14:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/30/21 14:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/30/21 14:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/30/21 14:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/30/21 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/30/21 14:43	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/30/21 14:43	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/30/21 14:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/30/21 14:43	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/30/21 14:43	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/30/21 14:43	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/30/21 14:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/30/21 14:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/30/21 14:43	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/30/21 14:43	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/30/21 14:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/30/21 14:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/30/21 14:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/30/21 14:43	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/30/21 14:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/30/21 14:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/30/21 14:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/30/21 14:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/30/21 14:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/30/21 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/30/21 14:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/30/21 14:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/30/21 14:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/30/21 14:43	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/30/21 14:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/30/21 14:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/30/21 14:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130		1		03/30/21 14:43	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		03/30/21 14:43	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/30/21 14:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch: 610199

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815015

METHOD BLANK: 3213193

Matrix: Water

Associated Lab Samples: 92529815015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/30/21 12:35	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/30/21 12:35	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/30/21 12:35	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/30/21 12:35	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/30/21 12:35	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/30/21 12:35	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/30/21 12:35	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/30/21 12:35	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/30/21 12:35	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/30/21 12:35	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/30/21 12:35	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/30/21 12:35	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/30/21 12:35	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/30/21 12:35	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/30/21 12:35	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/30/21 12:35	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/30/21 12:35	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/30/21 12:35	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/30/21 12:35	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/30/21 12:35	
2-Hexanone	ug/L	ND	5.0	0.48	03/30/21 12:35	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/30/21 12:35	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/30/21 12:35	
Acetone	ug/L	ND	25.0	5.1	03/30/21 12:35	
Benzene	ug/L	ND	1.0	0.34	03/30/21 12:35	
Bromobenzene	ug/L	ND	1.0	0.29	03/30/21 12:35	
Bromochloromethane	ug/L	ND	1.0	0.47	03/30/21 12:35	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/30/21 12:35	
Bromoform	ug/L	ND	1.0	0.34	03/30/21 12:35	
Bromomethane	ug/L	ND	2.0	1.7	03/30/21 12:35	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/30/21 12:35	
Chlorobenzene	ug/L	ND	1.0	0.28	03/30/21 12:35	
Chloroethane	ug/L	ND	1.0	0.65	03/30/21 12:35	
Chloroform	ug/L	ND	5.0	1.6	03/30/21 12:35	
Chloromethane	ug/L	ND	1.0	0.54	03/30/21 12:35	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/30/21 12:35	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/30/21 12:35	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/30/21 12:35	
Dibromomethane	ug/L	ND	1.0	0.39	03/30/21 12:35	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/30/21 12:35	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

METHOD BLANK: 3213193 Matrix: Water
Associated Lab Samples: 92529815015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/30/21 12:35	
Ethylbenzene	ug/L	ND	1.0	0.30	03/30/21 12:35	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/30/21 12:35	
m&p-Xylene	ug/L	ND	2.0	0.71	03/30/21 12:35	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/30/21 12:35	
Methylene Chloride	ug/L	ND	5.0	2.0	03/30/21 12:35	
Naphthalene	ug/L	ND	1.0	0.64	03/30/21 12:35	
o-Xylene	ug/L	ND	1.0	0.34	03/30/21 12:35	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/30/21 12:35	
Styrene	ug/L	ND	1.0	0.29	03/30/21 12:35	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/30/21 12:35	
Toluene	ug/L	ND	1.0	0.48	03/30/21 12:35	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/30/21 12:35	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/30/21 12:35	
Trichloroethene	ug/L	ND	1.0	0.38	03/30/21 12:35	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/30/21 12:35	
Vinyl acetate	ug/L	ND	2.0	1.3	03/30/21 12:35	
Vinyl chloride	ug/L	ND	1.0	0.39	03/30/21 12:35	
Xylene (Total)	ug/L	ND	1.0	0.34	03/30/21 12:35	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/30/21 12:35	
4-Bromofluorobenzene (S)	%	96	70-130		03/30/21 12:35	
Toluene-d8 (S)	%	101	70-130		03/30/21 12:35	

LABORATORY CONTROL SAMPLE: 3213194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,1-Trichloroethane	ug/L	50	50.6	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	70-130	
1,1,2-Trichloroethane	ug/L	50	50.0	100	70-130	
1,1-Dichloroethane	ug/L	50	54.1	108	70-130	
1,1-Dichloroethene	ug/L	50	49.7	99	70-130	
1,1-Dichloropropene	ug/L	50	52.8	106	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	70-130	
1,2,3-Trichloropropane	ug/L	50	50.2	100	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dichloroethane	ug/L	50	49.8	100	70-130	
1,2-Dichloropropane	ug/L	50	52.5	105	70-130	
1,3-Dichlorobenzene	ug/L	50	48.0	96	70-130	
1,3-Dichloropropane	ug/L	50	50.7	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
2,2-Dichloropropane	ug/L	50	53.3	107	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3213194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	117	117	70-130	
2-Chlorotoluene	ug/L	50	48.8	98	70-130	
2-Hexanone	ug/L	100	102	102	70-130	
4-Chlorotoluene	ug/L	50	47.1	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	120	120	70-130	
Benzene	ug/L	50	50.4	101	70-130	
Bromobenzene	ug/L	50	47.7	95	70-130	
Bromochloromethane	ug/L	50	51.7	103	70-130	
Bromodichloromethane	ug/L	50	45.7	91	70-130	
Bromoform	ug/L	50	51.9	104	70-130	
Bromomethane	ug/L	50	41.9	84	70-130 v3	
Carbon tetrachloride	ug/L	50	49.6	99	70-130	
Chlorobenzene	ug/L	50	50.4	101	70-130	
Chloroethane	ug/L	50	42.8	86	70-130	
Chloroform	ug/L	50	51.0	102	70-130	
Chloromethane	ug/L	50	49.3	99	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.8	102	70-130	
Dibromochloromethane	ug/L	50	51.8	104	70-130	
Dibromomethane	ug/L	50	49.7	99	70-130	
Dichlorodifluoromethane	ug/L	50	47.6	95	70-130	
Diisopropyl ether	ug/L	50	56.5	113	70-130	
Ethylbenzene	ug/L	50	49.8	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	56.7	113	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	52.9	106	70-130	
Naphthalene	ug/L	50	52.5	105	70-130	
o-Xylene	ug/L	50	50.9	102	70-130	
p-Isopropyltoluene	ug/L	50	49.9	100	70-130	
Styrene	ug/L	50	52.9	106	70-130	
Tetrachloroethene	ug/L	50	49.1	98	70-130	
Toluene	ug/L	50	49.1	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.0	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.6	101	70-130	
Trichloroethene	ug/L	50	50.6	101	70-130	
Trichlorofluoromethane	ug/L	50	44.1	88	70-130	
Vinyl acetate	ug/L	100	123	123	70-130	
Vinyl chloride	ug/L	50	48.1	96	70-130	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Parameter	Units	92529781035		MS		MSD		3213195		3213196		Qual
		Result	Conc.	Spike	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	386	438	97	109	73-134	12	30
1,1,1-Trichloroethane	ug/L	ND	400	400	400	418	456	105	114	82-143	9	30
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	387	432	97	108	70-136	11	30
1,1,2-Trichloroethane	ug/L	ND	400	400	400	397	436	99	109	70-135	10	30
1,1-Dichloroethane	ug/L	ND	400	400	400	433	478	108	120	70-139	10	30
1,1-Dichloroethene	ug/L	ND	400	400	400	412	451	103	113	70-154	9	30
1,1-Dichloropropene	ug/L	ND	400	400	400	433	471	108	118	70-149	8	30
1,2,3-Trichlorobenzene	ug/L	36.4	400	400	400	446	503	102	117	70-135	12	30
1,2,3-Trichloropropane	ug/L	ND	400	400	400	365	407	91	102	71-137	11	30
1,2,4-Trichlorobenzene	ug/L	413	400	400	400	816	888	101	119	73-140	8	30
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	394	437	98	109	65-134	10	30
1,2-Dichlorobenzene	ug/L	95.0	400	400	400	486	533	98	110	70-133	9	30
1,2-Dichloroethane	ug/L	ND	400	400	400	394	435	98	109	70-137	10	30
1,2-Dichloropropane	ug/L	192	400	400	400	617	672	106	120	70-140	9	30
1,3-Dichlorobenzene	ug/L	ND	400	400	400	386	427	97	107	70-135	10	30
1,3-Dichloropropane	ug/L	ND	400	400	400	396	449	99	112	70-143	12	30
1,4-Dichlorobenzene	ug/L	35.4	400	400	400	440	478	101	111	70-133	8	30
2,2-Dichloropropane	ug/L	ND	400	400	400	410	453	102	113	61-148	10	30
2-Butanone (MEK)	ug/L	ND	800	800	800	874	940	107	115	60-139	7	30
2-Chlorotoluene	ug/L	ND	400	400	400	397	430	99	108	70-144	8	30
2-Hexanone	ug/L	ND	800	800	800	735	846	92	106	65-138	14	30
4-Chlorotoluene	ug/L	ND	400	400	400	392	419	98	105	70-137	7	30
4-Methyl-2-pentanone (MIBK)	ug/L	266	800	800	800	1060	1130	99	108	65-135	7	30
Acetone	ug/L	5690	800	800	800	6040	6080	44	49	60-148	1	30 M1
Benzene	ug/L	73.6	400	400	400	488	533	104	115	70-151	9	30
Bromobenzene	ug/L	ND	400	400	400	381	427	95	107	70-136	12	30
Bromochloromethane	ug/L	ND	400	400	400	427	475	107	119	70-141	10	30
Bromodichloromethane	ug/L	ND	400	400	400	354	389	89	97	70-138	9	30
Bromoform	ug/L	ND	400	400	400	369	421	92	105	63-130	13	30
Bromomethane	ug/L	ND	400	400	400	136	181	34	45	15-152	28	30 v3
Carbon tetrachloride	ug/L	ND	400	400	400	404	445	101	111	70-143	10	30
Chlorobenzene	ug/L	1500	400	400	400	1830	1960	85	117	70-138	7	30
Chloroethane	ug/L	ND	400	400	400	382	415	95	104	52-163	8	30
Chloroform	ug/L	2080	400	400	400	2400	2500	78	104	70-139	4	30
Chloromethane	ug/L	ND	400	400	400	335	387	84	97	41-139	14	30
cis-1,2-Dichloroethene	ug/L	ND	400	400	400	419	465	103	115	70-141	10	30
cis-1,3-Dichloropropene	ug/L	ND	400	400	400	381	420	95	105	70-137	10	30
Dibromochloromethane	ug/L	ND	400	400	400	382	440	96	110	70-134	14	30
Dibromomethane	ug/L	ND	400	400	400	406	441	101	110	70-138	8	30
Dichlorodifluoromethane	ug/L	ND	400	400	400	388	431	97	108	47-155	10	30
Diisopropyl ether	ug/L	78.3	400	400	400	508	554	108	119	63-144	9	30
Ethylbenzene	ug/L	24.3	400	400	400	426	477	100	113	66-153	11	30
Hexachloro-1,3-butadiene	ug/L	ND	400	400	400	439	495	110	124	65-149	12	30
m&p-Xylene	ug/L	76.0	800	800	800	869	971	99	112	69-152	11	30

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Parameter	Units	3213195		3213196		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Methyl-tert-butyl ether	ug/L	ND	400	400	391	434	98	109	54-156	10	30		
Methylene Chloride	ug/L	329	400	400	714	772	96	111	42-159	8	30		
Naphthalene	ug/L	24.6	400	400	416	470	98	111	61-148	12	30		
o-Xylene	ug/L	43.5	400	400	446	492	101	112	70-148	10	30		
p-Isopropyltoluene	ug/L	ND	400	400	405	438	101	109	70-146	8	30		
Styrene	ug/L	ND	400	400	413	461	103	115	70-135	11	30		
Tetrachloroethene	ug/L	ND	400	400	394	442	99	110	59-143	11	30		
Toluene	ug/L	3110	400	400	3330	3420	56	78	59-148	3	30	M1	
trans-1,2-Dichloroethene	ug/L	ND	400	400	436	472	109	118	70-146	8	30		
trans-1,3-Dichloropropene	ug/L	ND	400	400	379	414	95	103	70-135	9	30		
Trichloroethene	ug/L	80.0	400	400	499	542	105	116	70-147	8	30		
Trichlorofluoromethane	ug/L	ND	400	400	379	415	95	104	70-148	9	30		
Vinyl acetate	ug/L	ND	800	800	928	1020	116	128	49-151	9	30		
Vinyl chloride	ug/L	ND	400	400	391	436	98	109	70-156	11	30		
Xylene (Total)	ug/L	119	1200	1200	1310	1460	100	112	63-158	11	30		
1,2-Dichloroethane-d4 (S)	%						99	99	70-130				
4-Bromofluorobenzene (S)	%						97	98	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch:	609681	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815001, 92529815002, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

METHOD BLANK: 3211289 Matrix: Solid

Associated Lab Samples: 92529815001, 92529815002, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/26/21 18:41	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/26/21 18:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/26/21 18:41	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/26/21 18:41	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/26/21 18:41	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/26/21 18:41	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/26/21 18:41	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/26/21 18:41	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/26/21 18:41	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/26/21 18:41	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/26/21 18:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/26/21 18:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/26/21 18:41	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/26/21 18:41	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/26/21 18:41	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/26/21 18:41	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/26/21 18:41	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/26/21 18:41	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/26/21 18:41	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/26/21 18:41	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/26/21 18:41	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/26/21 18:41	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/26/21 18:41	
2-Hexanone	ug/kg	ND	50.0	4.8	03/26/21 18:41	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/26/21 18:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/26/21 18:41	
Acetone	ug/kg	ND	100	32.1	03/26/21 18:41	
Benzene	ug/kg	ND	5.0	2.0	03/26/21 18:41	
Bromobenzene	ug/kg	ND	5.0	1.6	03/26/21 18:41	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/26/21 18:41	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/26/21 18:41	
Bromoform	ug/kg	ND	5.0	1.8	03/26/21 18:41	
Bromomethane	ug/kg	ND	10.0	7.9	03/26/21 18:41	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/26/21 18:41	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/26/21 18:41	
Chloroethane	ug/kg	ND	10.0	3.9	03/26/21 18:41	
Chloroform	ug/kg	4.0J	5.0	3.0	03/26/21 18:41	
Chloromethane	ug/kg	ND	10.0	4.2	03/26/21 18:41	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/26/21 18:41	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

METHOD BLANK: 3211289

Matrix: Solid

Associated Lab Samples: 92529815001, 92529815002, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/26/21 18:41	
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/26/21 18:41	
Dibromomethane	ug/kg	ND	5.0	1.1	03/26/21 18:41	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/26/21 18:41	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/26/21 18:41	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/26/21 18:41	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/26/21 18:41	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/26/21 18:41	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/26/21 18:41	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/26/21 18:41	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/26/21 18:41	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/26/21 18:41	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/26/21 18:41	
Naphthalene	ug/kg	ND	5.0	2.6	03/26/21 18:41	
o-Xylene	ug/kg	ND	5.0	2.2	03/26/21 18:41	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/26/21 18:41	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/26/21 18:41	
Styrene	ug/kg	ND	5.0	1.3	03/26/21 18:41	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/26/21 18:41	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/26/21 18:41	
Toluene	ug/kg	ND	5.0	1.4	03/26/21 18:41	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/26/21 18:41	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/26/21 18:41	
Trichloroethene	ug/kg	ND	5.0	1.3	03/26/21 18:41	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/26/21 18:41	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/26/21 18:41	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/26/21 18:41	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/26/21 18:41	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/26/21 18:41	
4-Bromofluorobenzene (S)	%	107	69-134		03/26/21 18:41	
Toluene-d8 (S)	%	100	70-130		03/26/21 18:41	

LABORATORY CONTROL SAMPLE: 3211290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1180	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1170	93	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1250	100	70-130	
1,1-Dichloroethene	ug/kg	1250	1280	103	70-130	
1,1-Dichloropropene	ug/kg	1250	1230	98	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1230	98	65-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3211290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1200	96	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1230	98	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	98	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1230	99	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1170	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
2,2-Dichloropropane	ug/kg	1250	1180	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2630	105	70-130	
2-Chlorotoluene	ug/kg	1250	1280	103	70-130	
2-Hexanone	ug/kg	2500	2620	105	70-130	
4-Chlorotoluene	ug/kg	1250	1250	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2590	104	70-130	
Acetone	ug/kg	2500	2670	107	69-130	
Benzene	ug/kg	1250	1230	99	70-130	
Bromobenzene	ug/kg	1250	1210	97	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1110	89	69-130	
Bromoform	ug/kg	1250	1160	93	70-130	
Bromomethane	ug/kg	1250	1080	86	52-130	
Carbon tetrachloride	ug/kg	1250	1200	96	70-130	
Chlorobenzene	ug/kg	1250	1160	93	70-130	
Chloroethane	ug/kg	1250	1170	94	65-130	
Chloroform	ug/kg	1250	1120	90	70-130	
Chloromethane	ug/kg	1250	1160	92	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1250	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	99	70-130	
Dibromochloromethane	ug/kg	1250	1250	100	70-130	
Dibromomethane	ug/kg	1250	1190	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1260	101	45-156	
Diisopropyl ether	ug/kg	1250	1230	99	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1240	99	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1170	94	70-130	
m&p-Xylene	ug/kg	2500	2410	96	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1280	103	65-130	
n-Butylbenzene	ug/kg	1250	1200	96	67-130	
n-Propylbenzene	ug/kg	1250	1230	98	70-130	
Naphthalene	ug/kg	1250	1220	98	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1210	97	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3211290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1170	94	69-130	
Styrene	ug/kg	1250	1250	100	70-130	
tert-Butylbenzene	ug/kg	1250	1190	95	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1200	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1270	102	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	97	68-130	
Trichloroethene	ug/kg	1250	1180	94	70-130	
Trichlorofluoromethane	ug/kg	1250	1110	89	70-130	
Vinyl acetate	ug/kg	2500	2970	119	70-130	
Vinyl chloride	ug/kg	1250	1120	90	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3211292

Parameter	Units	92529815002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	846	900	106	70-131	
1,1,1-Trichloroethane	ug/kg	ND	846	905	107	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	846	889	105	66-130	
1,1,2-Trichloroethane	ug/kg	ND	846	899	106	66-133	
1,1-Dichloroethane	ug/kg	ND	846	849	100	65-130	
1,1-Dichloroethene	ug/kg	ND	846	925	109	10-158	
1,1-Dichloropropene	ug/kg	ND	846	927	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	846	946	112	27-138	
1,2,3-Trichloropropane	ug/kg	ND	846	819	97	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	846	873	103	51-134	
1,2,4-Trimethylbenzene	ug/kg	12.4	846	917	107	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	846	857	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	846	898	106	70-130	
1,2-Dichlorobenzene	ug/kg	ND	846	915	108	69-130	
1,2-Dichloroethane	ug/kg	ND	846	924	109	59-130	
1,2-Dichloropropane	ug/kg	ND	846	974	115	70-130	
1,3,5-Trimethylbenzene	ug/kg	7.3J	846	912	107	65-137	
1,3-Dichlorobenzene	ug/kg	ND	846	867	102	70-130	
1,3-Dichloropropane	ug/kg	ND	846	952	112	70-130	
1,4-Dichlorobenzene	ug/kg	ND	846	889	105	68-130	
2,2-Dichloropropane	ug/kg	ND	846	426	50	32-130	
2-Butanone (MEK)	ug/kg	ND	1690	1790	104	10-136	
2-Chlorotoluene	ug/kg	ND	846	940	111	69-141	
2-Hexanone	ug/kg	ND	1690	1840	109	10-144	
4-Chlorotoluene	ug/kg	ND	846	932	110	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1690	1860	110	25-143	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

MATRIX SPIKE SAMPLE: 3211292		92529815002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	91.5J	1690	1770	99	10-130	
Benzene	ug/kg	ND	846	947	112	67-130	
Bromobenzene	ug/kg	ND	846	888	105	70-130	
Bromochloromethane	ug/kg	ND	846	823	97	69-134	
Bromodichloromethane	ug/kg	ND	846	826	98	64-130	
Bromoform	ug/kg	ND	846	816	96	62-130	
Bromomethane	ug/kg	ND	846	674	80	20-176	
Carbon tetrachloride	ug/kg	ND	846	876	104	65-140	
Chlorobenzene	ug/kg	ND	846	891	105	70-130	
Chloroethane	ug/kg	ND	846	262	31	10-130	
Chloroform	ug/kg	7.5J	846	835	98	63-130	
Chloromethane	ug/kg	ND	846	925	109	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	846	907	107	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	846	798	94	67-130	
Dibromochloromethane	ug/kg	ND	846	895	106	67-130	
Dibromomethane	ug/kg	ND	846	851	101	63-131	
Dichlorodifluoromethane	ug/kg	ND	846	932	110	44-180	
Diisopropyl ether	ug/kg	ND	846	886	105	63-130	
Ethylbenzene	ug/kg	6.2J	846	873	102	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	846	903	107	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	846	923	109	69-135	
m&p-Xylene	ug/kg	10.5J	1690	1880	110	60-133	
Methyl-tert-butyl ether	ug/kg	ND	846	837	99	65-130	
Methylene Chloride	ug/kg	ND	846	908	107	61-130	
n-Butylbenzene	ug/kg	ND	846	831	98	65-140	
n-Propylbenzene	ug/kg	ND	846	902	107	67-140	
Naphthalene	ug/kg	523	846	1510	117	15-145	
o-Xylene	ug/kg	ND	846	917	108	66-133	
p-Isopropyltoluene	ug/kg	ND	846	892	105	56-147	
sec-Butylbenzene	ug/kg	ND	846	906	107	65-139	
Styrene	ug/kg	ND	846	943	111	70-132	
tert-Butylbenzene	ug/kg	ND	846	897	106	62-135	
Tetrachloroethene	ug/kg	ND	846	824	97	70-135	
Toluene	ug/kg	5.0J	846	925	109	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	846	884	105	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	846	774	91	62-130	
Trichloroethene	ug/kg	ND	846	883	104	70-135	
Trichlorofluoromethane	ug/kg	ND	846	283	33	10-130	
Vinyl acetate	ug/kg	ND	1690	1830	108	53-130	
Vinyl chloride	ug/kg	ND	846	844	100	61-148	
Xylene (Total)	ug/kg	10.5J	2540	2790	110	63-132	
1,2-Dichloroethane-d4 (S)	%				121	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3211291

Parameter	Units	92529815001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	21.2	22.0	4	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	160J	144J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	251J	293J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	17.0J	17.2J		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	14.6J	16.0J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3211291

Parameter	Units	92529815001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	33.9J	32.5J			30
Methyl-tert-butyl ether	ug/kg	ND	ND			30
Methylene Chloride	ug/kg	ND	ND			30
n-Butylbenzene	ug/kg	ND	ND			30
n-Propylbenzene	ug/kg	ND	ND			30
Naphthalene	ug/kg	268	263	2		30
o-Xylene	ug/kg	16.9J	15.2J			30
p-Isopropyltoluene	ug/kg	13.3J	14.6J			30
sec-Butylbenzene	ug/kg	ND	ND			30
Styrene	ug/kg	ND	ND			30
tert-Butylbenzene	ug/kg	ND	ND			30
Tetrachloroethene	ug/kg	ND	ND			30
Toluene	ug/kg	34.5	32.8	5		30
trans-1,2-Dichloroethene	ug/kg	ND	ND			30
trans-1,3-Dichloropropene	ug/kg	ND	ND			30
Trichloroethene	ug/kg	ND	ND			30
Trichlorofluoromethane	ug/kg	ND	ND			30
Vinyl acetate	ug/kg	ND	ND			30
Vinyl chloride	ug/kg	ND	ND			30
Xylene (Total)	ug/kg	50.8	ND			30
1,2-Dichloroethane-d4 (S)	%	106	106			
4-Bromofluorobenzene (S)	%	110	108			
Toluene-d8 (S)	%	101	101			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch: 609987

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815003, 92529815009

METHOD BLANK: 3212509

Matrix: Solid

Associated Lab Samples: 92529815003, 92529815009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/30/21 02:10	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/30/21 02:10	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/30/21 02:10	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/30/21 02:10	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/30/21 02:10	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/30/21 02:10	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/30/21 02:10	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/30/21 02:10	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/30/21 02:10	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/30/21 02:10	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/30/21 02:10	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/30/21 02:10	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/30/21 02:10	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/30/21 02:10	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/30/21 02:10	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/30/21 02:10	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/30/21 02:10	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/30/21 02:10	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/30/21 02:10	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/30/21 02:10	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/30/21 02:10	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/30/21 02:10	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/30/21 02:10	
2-Hexanone	ug/kg	ND	50.0	4.8	03/30/21 02:10	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/30/21 02:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/30/21 02:10	
Acetone	ug/kg	ND	100	32.1	03/30/21 02:10	
Benzene	ug/kg	ND	5.0	2.0	03/30/21 02:10	
Bromobenzene	ug/kg	ND	5.0	1.6	03/30/21 02:10	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/30/21 02:10	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/30/21 02:10	
Bromoform	ug/kg	ND	5.0	1.8	03/30/21 02:10	
Bromomethane	ug/kg	ND	10.0	7.9	03/30/21 02:10	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/30/21 02:10	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/30/21 02:10	
Chloroethane	ug/kg	ND	10.0	3.9	03/30/21 02:10	
Chloroform	ug/kg	8.7	5.0	3.0	03/30/21 02:10	1g
Chloromethane	ug/kg	ND	10.0	4.2	03/30/21 02:10	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/30/21 02:10	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/30/21 02:10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

METHOD BLANK: 3212509

Matrix: Solid

Associated Lab Samples: 92529815003, 92529815009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/30/21 02:10	
Dibromomethane	ug/kg	ND	5.0	1.1	03/30/21 02:10	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/30/21 02:10	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/30/21 02:10	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/30/21 02:10	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/30/21 02:10	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/30/21 02:10	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/30/21 02:10	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/30/21 02:10	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/30/21 02:10	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/30/21 02:10	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/30/21 02:10	
Naphthalene	ug/kg	ND	5.0	2.6	03/30/21 02:10	
o-Xylene	ug/kg	ND	5.0	2.2	03/30/21 02:10	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/30/21 02:10	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/30/21 02:10	
Styrene	ug/kg	ND	5.0	1.3	03/30/21 02:10	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/30/21 02:10	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/30/21 02:10	
Toluene	ug/kg	ND	5.0	1.4	03/30/21 02:10	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/30/21 02:10	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/30/21 02:10	
Trichloroethene	ug/kg	ND	5.0	1.3	03/30/21 02:10	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/30/21 02:10	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/30/21 02:10	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/30/21 02:10	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/30/21 02:10	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/30/21 02:10	
4-Bromofluorobenzene (S)	%	109	69-134		03/30/21 02:10	
Toluene-d8 (S)	%	100	70-130		03/30/21 02:10	

LABORATORY CONTROL SAMPLE: 3212510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1220	97	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1250	100	70-130	
1,1-Dichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1350	108	70-130	
1,1-Dichloropropene	ug/kg	1250	1300	104	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1220	98	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1220	98	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3212510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1260	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1220	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1250	100	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,2-Dichloroethane	ug/kg	1250	1290	103	63-130	
1,2-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1250	100	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichloropropane	ug/kg	1250	1310	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1180	95	70-130	
2,2-Dichloropropane	ug/kg	1250	1180	94	66-130	
2-Butanone (MEK)	ug/kg	2500	2840	114	70-130	
2-Chlorotoluene	ug/kg	1250	1340	107	70-130	
2-Hexanone	ug/kg	2500	2790	112	70-130	
4-Chlorotoluene	ug/kg	1250	1260	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2760	111	70-130	
Acetone	ug/kg	2500	2770	111	69-130	
Benzene	ug/kg	1250	1270	102	70-130	
Bromobenzene	ug/kg	1250	1230	98	70-130	
Bromochloromethane	ug/kg	1250	1300	104	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1180	94	70-130	
Bromomethane	ug/kg	1250	1020	82	52-130	
Carbon tetrachloride	ug/kg	1250	1210	97	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1210	97	65-130	
Chloroform	ug/kg	1250	1180	94	70-130	
Chloromethane	ug/kg	1250	1190	95	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1320	105	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1270	102	70-130	
Dibromochloromethane	ug/kg	1250	1260	101	70-130	
Dibromomethane	ug/kg	1250	1210	97	70-130	
Dichlorodifluoromethane	ug/kg	1250	1280	102	45-156	
Diisopropyl ether	ug/kg	1250	1310	105	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1190	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1210	97	70-130	
m&p-Xylene	ug/kg	2500	2480	99	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1260	101	70-130	
Methylene Chloride	ug/kg	1250	1370	109	65-130	
n-Butylbenzene	ug/kg	1250	1210	97	67-130	
n-Propylbenzene	ug/kg	1250	1240	99	70-130	
Naphthalene	ug/kg	1250	1270	102	70-130	
o-Xylene	ug/kg	1250	1210	97	70-130	
p-Isopropyltoluene	ug/kg	1250	1220	98	67-130	
sec-Butylbenzene	ug/kg	1250	1200	96	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3212510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1190	95	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	100	68-130	
Trichloroethene	ug/kg	1250	1200	96	70-130	
Trichlorofluoromethane	ug/kg	1250	1160	93	70-130	
Vinyl acetate	ug/kg	2500	3140	126	70-130	
Vinyl chloride	ug/kg	1250	1160	93	61-130	
Xylene (Total)	ug/kg	3750	3690	98	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			108	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3212512

Parameter	Units	92529815009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	952	1050	110	70-131	
1,1,1-Trichloroethane	ug/kg	ND	952	1090	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	952	1040	109	66-130	
1,1,2-Trichloroethane	ug/kg	ND	952	1070	112	66-133	
1,1-Dichloroethane	ug/kg	ND	952	1030	108	65-130	
1,1-Dichloroethene	ug/kg	ND	952	1120	118	10-158	
1,1-Dichloropropene	ug/kg	ND	952	1160	122	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	952	1140	120	27-138	
1,2,3-Trichloropropane	ug/kg	ND	952	1030	108	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	952	1090	114	51-134	
1,2,4-Trimethylbenzene	ug/kg	8.6J	952	1120	117	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	952	966	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	952	1070	113	70-130	
1,2-Dichlorobenzene	ug/kg	ND	952	1090	114	69-130	
1,2-Dichloroethane	ug/kg	ND	952	1140	120	59-130	
1,2-Dichloropropane	ug/kg	ND	952	1150	121	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	952	1140	119	65-137	
1,3-Dichlorobenzene	ug/kg	ND	952	1060	111	70-130	
1,3-Dichloropropane	ug/kg	ND	952	1130	118	70-130	
1,4-Dichlorobenzene	ug/kg	ND	952	1060	111	68-130	
2,2-Dichloropropane	ug/kg	ND	952	995	105	32-130	
2-Butanone (MEK)	ug/kg	ND	1900	2270	119	10-136	
2-Chlorotoluene	ug/kg	ND	952	1160	122	69-141	
2-Hexanone	ug/kg	ND	1900	2270	119	10-144	
4-Chlorotoluene	ug/kg	ND	952	1130	119	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1900	2270	119	25-143	
Acetone	ug/kg	ND	1900	1900	98	10-130	
Benzene	ug/kg	7.3J	952	1140	119	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

MATRIX SPIKE SAMPLE: 3212512		92529815009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	952	1060	111	70-130	
Bromochloromethane	ug/kg	ND	952	999	105	69-134	
Bromodichloromethane	ug/kg	ND	952	991	104	64-130	
Bromoform	ug/kg	ND	952	935	98	62-130	
Bromomethane	ug/kg	ND	952	790	83	20-176	
Carbon tetrachloride	ug/kg	ND	952	1030	108	65-140	
Chlorobenzene	ug/kg	ND	952	1060	111	70-130	
Chloroethane	ug/kg	ND	952	333	35	10-130	
Chloroform	ug/kg	13.2	952	995	103	63-130	
Chloromethane	ug/kg	ND	952	1170	123	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	952	1110	116	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	952	1080	113	67-130	
Dibromochloromethane	ug/kg	ND	952	1040	109	67-130	
Dibromomethane	ug/kg	ND	952	1020	107	63-131	
Dichlorodifluoromethane	ug/kg	ND	952	1170	123	44-180	
Diisopropyl ether	ug/kg	ND	952	1090	115	63-130	
Ethylbenzene	ug/kg	8.1J	952	1050	110	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	952	1190	125	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	952	1120	118	69-135	
m&p-Xylene	ug/kg	28.0	1900	2290	119	60-133	
Methyl-tert-butyl ether	ug/kg	ND	952	1020	108	65-130	
Methylene Chloride	ug/kg	ND	952	1140	120	61-130	
n-Butylbenzene	ug/kg	ND	952	1120	117	65-140	
n-Propylbenzene	ug/kg	ND	952	1140	120	67-140	
Naphthalene	ug/kg	55.6	952	1160	116	15-145	
o-Xylene	ug/kg	11.7	952	1120	116	66-133	
p-Isopropyltoluene	ug/kg	ND	952	1130	119	56-147	
sec-Butylbenzene	ug/kg	ND	952	1130	119	65-139	
Styrene	ug/kg	ND	952	1130	119	70-132	
tert-Butylbenzene	ug/kg	ND	952	1110	117	62-135	
Tetrachloroethene	ug/kg	ND	952	1030	109	70-135	
Toluene	ug/kg	33.1	952	1140	116	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	952	1120	117	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	952	1050	111	62-130	
Trichloroethene	ug/kg	ND	952	1090	114	70-135	
Trichlorofluoromethane	ug/kg	ND	952	351	37	10-130	
Vinyl acetate	ug/kg	ND	1900	2460	130	53-130	
Vinyl chloride	ug/kg	ND	952	1070	113	61-148	
Xylene (Total)	ug/kg	39.7	2850	3410	118	63-132	
1,2-Dichloroethane-d4 (S)	%				126	70-130	
4-Bromofluorobenzene (S)	%				108	69-134	
Toluene-d8 (S)	%				101	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3212511

Parameter	Units	92529815003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	8.8J	7.2J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	98.1J	92.2J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	13.6	13.7	1	30	1g
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	11.0	8.9J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3212511

Parameter	Units	92529815003 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	33.9	24.9	31	30	D6
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	40.0	37.1	7	30	
o-Xylene	ug/kg	11.5	9.5J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	33.7	24.4	32	30	D6
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	45.4	24.9	58	30	
1,2-Dichloroethane-d4 (S)	%	105	107			
4-Bromofluorobenzene (S)	%	111	109			
Toluene-d8 (S)	%	101	102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

QC Batch: 609780 Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

METHOD BLANK: 3211652 Matrix: Solid
Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	33.1	12.1	03/28/21 16:37	
PCB-1221 (Aroclor 1221)	ug/kg	ND	33.1	12.8	03/28/21 16:37	
PCB-1232 (Aroclor 1232)	ug/kg	ND	33.1	11.6	03/28/21 16:37	
PCB-1242 (Aroclor 1242)	ug/kg	ND	33.1	6.2	03/28/21 16:37	
PCB-1248 (Aroclor 1248)	ug/kg	ND	33.1	8.3	03/28/21 16:37	
PCB-1254 (Aroclor 1254)	ug/kg	ND	33.1	6.2	03/28/21 16:37	
PCB-1260 (Aroclor 1260)	ug/kg	ND	33.1	7.9	03/28/21 16:37	
Decachlorobiphenyl (S)	%	86	10-160		03/28/21 16:37	

LABORATORY CONTROL SAMPLE: 3211653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	168	116	69	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	168	114	67	47-139	
Decachlorobiphenyl (S)	%			79	10-160	

MATRIX SPIKE SAMPLE: 3211654

Parameter	Units	92529973003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	211	215	102	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	211	201	95	10-142	
Decachlorobiphenyl (S)	%				102	10-160	

SAMPLE DUPLICATE: 3211655

Parameter	Units	92529973004 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	97	108			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch: 610114

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815015

METHOD BLANK: 3212855

Matrix: Water

Associated Lab Samples: 92529815015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/31/21 08:18	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/31/21 08:18	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/31/21 08:18	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/31/21 08:18	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/31/21 08:18	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/31/21 08:18	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/31/21 08:18	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/31/21 08:18	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/31/21 08:18	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/31/21 08:18	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/31/21 08:18	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/31/21 08:18	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/31/21 08:18	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/31/21 08:18	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/31/21 08:18	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/31/21 08:18	
Acenaphthene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Acenaphthylene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Aniline	ug/L	ND	10.0	1.6	03/31/21 08:18	
Anthracene	ug/L	ND	10.0	2.3	03/31/21 08:18	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/31/21 08:18	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/31/21 08:18	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzoic Acid	ug/L	ND	50.0	3.4	03/31/21 08:18	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/31/21 08:18	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/31/21 08:18	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/31/21 08:18	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/31/21 08:18	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/31/21 08:18	
Chrysene	ug/L	ND	10.0	2.8	03/31/21 08:18	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

METHOD BLANK: 3212855

Matrix: Water

Associated Lab Samples: 92529815015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/31/21 08:18	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/31/21 08:18	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/31/21 08:18	
Dibenzofuran	ug/L	ND	10.0	2.1	03/31/21 08:18	
Diethylphthalate	ug/L	ND	10.0	2.0	03/31/21 08:18	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/31/21 08:18	
Fluoranthene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Fluorene	ug/L	ND	10.0	2.1	03/31/21 08:18	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/31/21 08:18	
Hexachloroethane	ug/L	ND	10.0	1.4	03/31/21 08:18	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/31/21 08:18	
Isophorone	ug/L	ND	10.0	1.7	03/31/21 08:18	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/31/21 08:18	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/31/21 08:18	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/31/21 08:18	
Nitrobenzene	ug/L	ND	10.0	1.9	03/31/21 08:18	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/31/21 08:18	
Phenanthrene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Phenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
Pyrene	ug/L	ND	10.0	2.2	03/31/21 08:18	
2,4,6-Tribromophenol (S)	%	76	10-144		03/31/21 08:18	
2-Fluorobiphenyl (S)	%	63	10-130		03/31/21 08:18	
2-Fluorophenol (S)	%	51	10-130		03/31/21 08:18	
Nitrobenzene-d5 (S)	%	72	10-144		03/31/21 08:18	
Phenol-d6 (S)	%	40	10-130		03/31/21 08:18	
Terphenyl-d14 (S)	%	115	34-163		03/31/21 08:18	

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	32.4	65	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.2	74	28-130	
2,4,5-Trichlorophenol	ug/L	50	42.1	84	35-130	
2,4,6-Trichlorophenol	ug/L	50	41.1	82	31-130	
2,4-Dichlorophenol	ug/L	50	38.4	77	35-130	
2,4-Dimethylphenol	ug/L	50	40.4	81	34-130	
2,4-Dinitrophenol	ug/L	250	231	92	10-153	
2,4-Dinitrotoluene	ug/L	50	50.4	101	37-136	
2,6-Dinitrotoluene	ug/L	50	47.6	95	33-136	
2-Chloronaphthalene	ug/L	50	33.1	66	26-130	
2-Chlorophenol	ug/L	50	38.2	76	37-130	
2-Methylnaphthalene	ug/L	50	31.7	63	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.9	72	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	91.5	91	37-130	
2-Nitrophenol	ug/L	50	39.5	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.8	72	34-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	34-136	
3-Nitroaniline	ug/L	100	93.1	93	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	98.3	98	21-157	
4-Bromophenylphenyl ether	ug/L	50	49.5	99	38-130	
4-Chloro-3-methylphenol	ug/L	100	82.6	83	37-130	
4-Chloroaniline	ug/L	100	76.7	77	38-130	
4-Chlorophenylphenyl ether	ug/L	50	38.9	78	33-130	
4-Nitroaniline	ug/L	100	103	103	42-137	
4-Nitrophenol	ug/L	250	147	59	10-130	
Acenaphthene	ug/L	50	38.2	76	33-130	
Acenaphthylene	ug/L	50	39.5	79	35-130	
Aniline	ug/L	50	34.2	68	22-130	
Anthracene	ug/L	50	49.3	99	48-130	
Benzo(a)anthracene	ug/L	50	53.0	106	48-137	
Benzo(b)fluoranthene	ug/L	50	52.9	106	52-138	
Benzo(g,h,i)perylene	ug/L	50	63.2	126	48-140	
Benzo(k)fluoranthene	ug/L	50	51.8	104	48-139	
Benzoic Acid	ug/L	250	133	53	10-130	
Benzyl alcohol	ug/L	100	76.7	77	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.2	82	34-130	
bis(2-Chloroethyl) ether	ug/L	50	43.1	86	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	58.5	117	32-165	
Butylbenzylphthalate	ug/L	50	54.9	110	34-161	
Chrysene	ug/L	50	51.0	102	47-131	
Di-n-butylphthalate	ug/L	50	55.1	110	39-144	
Di-n-octylphthalate	ug/L	50	51.4	103	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.5	121	49-138	
Dibenzofuran	ug/L	50	40.6	81	33-130	
Diethylphthalate	ug/L	50	47.1	94	38-131	
Dimethylphthalate	ug/L	50	46.1	92	37-130	
Fluoranthene	ug/L	50	51.8	104	46-137	
Fluorene	ug/L	50	43.5	87	37-130	
Hexachlorobenzene	ug/L	50	43.7	87	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.8	44	10-130	
Hexachloroethane	ug/L	50	24.7	49	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	62.1	124	41-130	
Isophorone	ug/L	50	40.4	81	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	41.6	83	36-130	
N-Nitrosodimethylamine	ug/L	50	36.1	72	34-130	
N-Nitrosodiphenylamine	ug/L	50	45.7	91	37-130	
Nitrobenzene	ug/L	50	38.6	77	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	48.1	96	44-130	
Phenol	ug/L	50	24.9	50	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	51.9	104	47-134	
2,4,6-Tribromophenol (S)	%			108	10-144	
2-Fluorobiphenyl (S)	%			72	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			81	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			121	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212857 3212858

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529686001 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	15.4	50	50	61.6	53.4	92	76	10-130	14	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	51.1	45.6	102	91	12-142	11	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	56.1	35.6	112	71	10-143	45	30	R1	
2,4,6-Trichlorophenol	ug/L	ND	50	50	53.7	26.5	107	53	10-147	68	30	R1	
2,4-Dichlorophenol	ug/L	ND	50	50	53.5	40.6	107	81	10-138	27	30		
2,4-Dimethylphenol	ug/L	ND	50	50	52.5	48.3	105	97	25-130	8	30		
2,4-Dinitrophenol	ug/L	ND	250	250	284	ND	114	3	10-165		30	M1	
2,4-Dinitrotoluene	ug/L	ND	50	50	62.1	54.2	124	108	29-148	14	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	59.2	52.6	118	105	26-146	12	30		
2-Chloronaphthalene	ug/L	ND	50	50	46.2	38.7	92	77	11-130	18	30		
2-Chlorophenol	ug/L	ND	50	50	49.6	40.5	99	81	10-133	20	30		
2-Methylnaphthalene	ug/L	10.9	50	50	57.1	48.6	92	75	13-130	16	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.4	43.6	97	87	20-130	10	30		
2-Nitroaniline	ug/L	ND	100	100	115	100	115	100	24-136	14	30		
2-Nitrophenol	ug/L	ND	50	50	56.5	43.2	113	86	10-153	27	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	45.2	42.3	90	85	16-130	7	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	90.9	111	91	111	10-153	20	30		
3-Nitroaniline	ug/L	ND	100	100	111	103	111	103	22-151	8	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	117	20.7	117	21	10-180	140	30	R1	
4-Bromophenylphenyl ether	ug/L	ND	50	50	57.9	51.7	116	103	25-130	11	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	104	94.2	104	94	25-133	10	30		
4-Chloroaniline	ug/L	ND	100	100	96.2	91.2	96	91	14-132	5	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	51.0	45.0	102	90	19-130	12	30		
4-Nitroaniline	ug/L	ND	100	100	117	112	117	112	29-150	4	30		
4-Nitrophenol	ug/L	ND	250	250	173	24.5J	69	10	10-130		30		
Acenaphthene	ug/L	ND	50	50	52.8	44.7	102	86	16-130	17	30		
Acenaphthylene	ug/L	ND	50	50	52.6	45.1	105	90	15-137	15	30		
Aniline	ug/L	ND	50	50	36.4	40.5	73	81	10-130	11	30		
Anthracene	ug/L	ND	50	50	58.6	52.2	117	104	37-136	11	30		
Benzo(a)anthracene	ug/L	ND	50	50	62.6	59.6	125	119	40-145	5	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	62.9	58.8	126	118	39-151	7	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	71.5	66.1	143	132	40-147	8	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Parameter	Units	3212857		3212858		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92529686001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	62.7	56.7	125	113	40-146	10	30		
Benzoic Acid	ug/L	ND	250	250	171	ND	69	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	105	96.6	105	97	25-130	8	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	55.0	49.2	110	98	23-130	11	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.2	51.9	116	104	25-130	11	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	66.0	60.9	132	122	28-166	8	30		
Butylbenzylphthalate	ug/L	ND	50	50	68.4	62.8	137	126	33-165	9	30		
Chrysene	ug/L	ND	50	50	61.0	58.2	122	116	38-141	5	30		
Di-n-butylphthalate	ug/L	ND	50	50	62.8	57.7	126	115	32-153	8	30		
Di-n-octylphthalate	ug/L	ND	50	50	63.9	59.4	128	119	30-175	7	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	69.4	65.6	139	131	39-148	6	30		
Dibenzofuran	ug/L	ND	50	50	52.3	46.0	105	92	20-130	13	30		
Diethylphthalate	ug/L	ND	50	50	58.3	51.8	117	104	28-142	12	30		
Dimethylphthalate	ug/L	ND	50	50	56.5	49.3	113	99	26-136	14	30		
Fluoranthene	ug/L	ND	50	50	59.7	57.2	119	114	39-143	4	30		
Fluorene	ug/L	ND	50	50	57.8	49.4	109	92	24-132	16	30		
Hexachlorobenzene	ug/L	ND	50	50	50.9	47.8	102	96	29-130	6	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.8	25.6	66	51	10-130	24	30		
Hexachloroethane	ug/L	ND	50	50	40.5	34.1	81	68	10-130	17	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	70.1	66.4	140	133	39-148	5	30		
Isophorone	ug/L	ND	50	50	54.3	48.4	109	97	23-130	12	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	55.8	50.7	112	101	25-130	10	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	47.9	44.7	96	89	22-130	7	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	52.8	48.2	106	96	26-134	9	30		
Nitrobenzene	ug/L	ND	50	50	54.3	49.0	109	98	25-130	10	30		
Pentachlorophenol	ug/L	ND	100	100	122	40.6	122	41	10-175	100	30	R1	
Phenanthrene	ug/L	ND	50	50	61.2	55.7	114	103	36-133	9	30		
Phenol	ug/L	ND	50	50	31.2	29.2	60	56	10-130	7	30		
Pyrene	ug/L	ND	50	50	65.8	57.8	132	116	40-143	13	30		
2,4,6-Tribromophenol (S)	%						130	84	10-144				
2-Fluorobiphenyl (S)	%						97	81	10-130				
2-Fluorophenol (S)	%						74	51	10-130				
Nitrobenzene-d5 (S)	%						106	96	10-144				
Phenol-d6 (S)	%						58	53	10-130				
Terphenyl-d14 (S)	%						142	129	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch:	609903	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

METHOD BLANK: 3212082 Matrix: Solid

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10	1.0	03/30/21 06:42	
2-Fluorobiphenyl (S)	%	92	31-130		03/30/21 06:42	
Nitrobenzene-d5 (S)	%	102	32-130		03/30/21 06:42	
Terphenyl-d14 (S)	%	144	24-130		03/30/21 06:42	S3

LABORATORY CONTROL SAMPLE: 3212083

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	18.6	56	44-130	
2-Fluorobiphenyl (S)	%			93	31-130	
Nitrobenzene-d5 (S)	%			102	32-130	
Terphenyl-d14 (S)	%			119	24-130	

MATRIX SPIKE SAMPLE: 3212084

Parameter	Units	92529815003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	696	52.9	331	-689	10-130	M1
2-Fluorobiphenyl (S)	%				148	31-130	S0
Nitrobenzene-d5 (S)	%				144	32-130	S0
Terphenyl-d14 (S)	%				173	24-130	S0

SAMPLE DUPLICATE: 3212085

Parameter	Units	92529815004 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	62.3	408	147	30	D6
2-Fluorobiphenyl (S)	%	90	109			
Nitrobenzene-d5 (S)	%	123	119			
Terphenyl-d14 (S)	%	148	152			S0

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch:	609779	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

METHOD BLANK: 3211646 Matrix: Solid

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	325	114	03/29/21 11:03	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	325	154	03/29/21 11:03	
2,4,5-Trichlorophenol	ug/kg	ND	325	149	03/29/21 11:03	
2,4,6-Trichlorophenol	ug/kg	ND	325	134	03/29/21 11:03	
2,4-Dichlorophenol	ug/kg	ND	325	127	03/29/21 11:03	
2,4-Dimethylphenol	ug/kg	ND	325	135	03/29/21 11:03	
2,4-Dinitrophenol	ug/kg	ND	1620	1000	03/29/21 11:03	
2,4-Dinitrotoluene	ug/kg	ND	325	125	03/29/21 11:03	
2,6-Dinitrotoluene	ug/kg	ND	325	119	03/29/21 11:03	
2-Chloronaphthalene	ug/kg	ND	325	129	03/29/21 11:03	
2-Chlorophenol	ug/kg	ND	325	122	03/29/21 11:03	
2-Methylnaphthalene	ug/kg	ND	325	130	03/29/21 11:03	
2-Methylphenol(o-Cresol)	ug/kg	ND	325	133	03/29/21 11:03	
2-Nitroaniline	ug/kg	ND	1620	266	03/29/21 11:03	
2-Nitrophenol	ug/kg	ND	325	141	03/29/21 11:03	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	325	131	03/29/21 11:03	
3,3'-Dichlorobenzidine	ug/kg	ND	649	219	03/29/21 11:03	IL
3-Nitroaniline	ug/kg	ND	1620	255	03/29/21 11:03	
4,6-Dinitro-2-methylphenol	ug/kg	ND	649	303	03/29/21 11:03	
4-Bromophenylphenyl ether	ug/kg	ND	325	125	03/29/21 11:03	
4-Chloro-3-methylphenol	ug/kg	ND	649	228	03/29/21 11:03	
4-Chloroaniline	ug/kg	ND	649	255	03/29/21 11:03	
4-Chlorophenylphenyl ether	ug/kg	ND	325	121	03/29/21 11:03	
4-Nitroaniline	ug/kg	ND	649	247	03/29/21 11:03	
4-Nitrophenol	ug/kg	ND	1620	628	03/29/21 11:03	
Acenaphthene	ug/kg	ND	325	114	03/29/21 11:03	
Acenaphthylene	ug/kg	ND	325	114	03/29/21 11:03	
Aniline	ug/kg	ND	325	127	03/29/21 11:03	v2
Anthracene	ug/kg	ND	325	106	03/29/21 11:03	
Benzo(a)anthracene	ug/kg	ND	325	108	03/29/21 11:03	
Benzo(b)fluoranthene	ug/kg	ND	325	108	03/29/21 11:03	
Benzo(g,h,i)perylene	ug/kg	ND	325	126	03/29/21 11:03	
Benzo(k)fluoranthene	ug/kg	ND	325	114	03/29/21 11:03	
Benzoic Acid	ug/kg	ND	1620	697	03/29/21 11:03	
Benzyl alcohol	ug/kg	ND	649	246	03/29/21 11:03	
bis(2-Chloroethoxy)methane	ug/kg	ND	325	135	03/29/21 11:03	
bis(2-Chloroethyl) ether	ug/kg	ND	325	122	03/29/21 11:03	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	325	126	03/29/21 11:03	v1
Butylbenzylphthalate	ug/kg	ND	325	137	03/29/21 11:03	v1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

METHOD BLANK: 3211646

Matrix: Solid

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	325	118	03/29/21 11:03	
Di-n-butylphthalate	ug/kg	ND	325	109	03/29/21 11:03	
Di-n-octylphthalate	ug/kg	ND	325	128	03/29/21 11:03	v1
Dibenz(a,h)anthracene	ug/kg	ND	325	125	03/29/21 11:03	
Dibenzofuran	ug/kg	ND	325	117	03/29/21 11:03	
Diethylphthalate	ug/kg	ND	325	119	03/29/21 11:03	
Dimethylphthalate	ug/kg	ND	325	118	03/29/21 11:03	
Fluoranthene	ug/kg	ND	325	111	03/29/21 11:03	
Fluorene	ug/kg	ND	325	114	03/29/21 11:03	
Hexachlorobenzene	ug/kg	ND	325	127	03/29/21 11:03	
Hexachlorocyclopentadiene	ug/kg	ND	325	186	03/29/21 11:03	v2
Hexachloroethane	ug/kg	ND	325	124	03/29/21 11:03	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	325	128	03/29/21 11:03	
Isophorone	ug/kg	ND	325	145	03/29/21 11:03	
N-Nitroso-di-n-propylamine	ug/kg	ND	325	122	03/29/21 11:03	
N-Nitrosodimethylamine	ug/kg	ND	325	109	03/29/21 11:03	v1
N-Nitrosodiphenylamine	ug/kg	ND	325	115	03/29/21 11:03	
Nitrobenzene	ug/kg	ND	325	150	03/29/21 11:03	
Pentachlorophenol	ug/kg	ND	649	318	03/29/21 11:03	
Phenanthrene	ug/kg	ND	325	106	03/29/21 11:03	
Phenol	ug/kg	ND	325	145	03/29/21 11:03	
Pyrene	ug/kg	ND	325	132	03/29/21 11:03	
Pyridine	ug/kg	ND	325	102	03/29/21 11:03	
2,4,6-Tribromophenol (S)	%	67	18-130		03/29/21 11:03	
2-Fluorobiphenyl (S)	%	69	19-130		03/29/21 11:03	
2-Fluorophenol (S)	%	72	18-130		03/29/21 11:03	
Nitrobenzene-d5 (S)	%	72	21-130		03/29/21 11:03	
Phenol-d6 (S)	%	69	18-130		03/29/21 11:03	
Terphenyl-d14 (S)	%	106	15-130		03/29/21 11:03	

LABORATORY CONTROL SAMPLE: 3211647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1690	1210	71	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1690	1220	72	38-130	
2,4,5-Trichlorophenol	ug/kg	1690	1290	77	49-130	
2,4,6-Trichlorophenol	ug/kg	1690	1210	72	50-130	
2,4-Dichlorophenol	ug/kg	1690	1250	74	51-130	
2,4-Dimethylphenol	ug/kg	1690	1330	79	53-130	
2,4-Dinitrophenol	ug/kg	8450	5200	62	39-130	
2,4-Dinitrotoluene	ug/kg	1690	1250	74	53-130	
2,6-Dinitrotoluene	ug/kg	1690	1300	77	55-130	
2-Chloronaphthalene	ug/kg	1690	1280	76	48-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3211647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1690	1260	74	54-130	
2-Methylnaphthalene	ug/kg	1690	1220	72	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1690	1280	76	50-130	
2-Nitroaniline	ug/kg	3380	2610	77	49-130	
2-Nitrophenol	ug/kg	1690	1280	76	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1690	1230	73	50-130	
3,3'-Dichlorobenzidine	ug/kg	3380	2480	73	47-130	IL
3-Nitroaniline	ug/kg	3380	2620	77	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3380	2290	68	50-142	
4-Bromophenylphenyl ether	ug/kg	1690	1260	75	55-130	
4-Chloro-3-methylphenol	ug/kg	3380	2480	73	52-130	
4-Chloroaniline	ug/kg	3380	2380	70	49-130	
4-Chlorophenylphenyl ether	ug/kg	1690	1180	70	53-130	
4-Nitroaniline	ug/kg	3380	2390	71	51-130	
4-Nitrophenol	ug/kg	8450	5390	64	40-130	
Acenaphthene	ug/kg	1690	1270	75	56-130	
Acenaphthylene	ug/kg	1690	1320	78	58-130	
Aniline	ug/kg	1690	1140	67	44-130	v3
Anthracene	ug/kg	1690	1270	75	60-130	
Benzo(a)anthracene	ug/kg	1690	1420	84	59-130	
Benzo(b)fluoranthene	ug/kg	1690	1370	81	54-130	
Benzo(g,h,i)perylene	ug/kg	1690	1230	73	59-130	
Benzo(k)fluoranthene	ug/kg	1690	1370	81	54-130	
Benzoic Acid	ug/kg	8450	4960	59	19-130	
Benzyl alcohol	ug/kg	3380	2490	74	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1690	1270	75	55-130	
bis(2-Chloroethyl) ether	ug/kg	1690	1300	77	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1690	1560	92	58-130	v1
Butylbenzylphthalate	ug/kg	1690	1600	95	46-138	v1
Chrysene	ug/kg	1690	1400	83	57-130	
Di-n-butylphthalate	ug/kg	1690	1280	76	57-130	
Di-n-octylphthalate	ug/kg	1690	1590	94	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1690	1260	75	60-130	
Dibenzofuran	ug/kg	1690	1250	74	54-130	
Diethylphthalate	ug/kg	1690	1270	75	55-130	
Dimethylphthalate	ug/kg	1690	1270	75	57-130	
Fluoranthene	ug/kg	1690	1190	71	57-130	
Fluorene	ug/kg	1690	1250	74	56-130	
Hexachlorobenzene	ug/kg	1690	1230	73	53-130	
Hexachlorocyclopentadiene	ug/kg	1690	665	39	23-130	v3
Hexachloroethane	ug/kg	1690	1250	74	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1690	1250	74	61-130	
Isophorone	ug/kg	1690	1180	70	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1690	1210	72	52-130	
N-Nitrosodimethylamine	ug/kg	1690	1300	77	45-130	v1
N-Nitrosodiphenylamine	ug/kg	1690	1280	76	56-130	
Nitrobenzene	ug/kg	1690	1320	78	50-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

LABORATORY CONTROL SAMPLE: 3211647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3380	2060	61	33-130	
Phenanthrene	ug/kg	1690	1260	75	60-130	
Phenol	ug/kg	1690	1350	80	54-130	
Pyrene	ug/kg	1690	1550	92	61-130	
Pyridine	ug/kg	1690	1020	60	35-130	
2,4,6-Tribromophenol (S)	%			73	18-130	
2-Fluorobiphenyl (S)	%			75	19-130	
2-Fluorophenol (S)	%			80	18-130	
Nitrobenzene-d5 (S)	%			75	21-130	
Phenol-d6 (S)	%			77	18-130	
Terphenyl-d14 (S)	%			107	15-130	

MATRIX SPIKE SAMPLE: 3211648

Parameter	Units	92529706001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	2220	1500	67	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2220	1500	68	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	2220	1560	70	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	2220	1470	66	23-130	
2,4-Dichlorophenol	ug/kg	ND	2220	1550	70	29-130	
2,4-Dimethylphenol	ug/kg	ND	2220	1620	73	13-130	
2,4-Dinitrophenol	ug/kg	ND	11100	6930	62	10-131	
2,4-Dinitrotoluene	ug/kg	ND	2220	1560	70	28-130	
2,6-Dinitrotoluene	ug/kg	ND	2220	1600	72	36-130	
2-Chloronaphthalene	ug/kg	ND	2220	1530	69	27-130	
2-Chlorophenol	ug/kg	ND	2220	1600	72	29-130	
2-Methylnaphthalene	ug/kg	ND	2220	1500	67	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	2220	1600	72	20-130	
2-Nitroaniline	ug/kg	ND	4450	3210	72	29-130	
2-Nitrophenol	ug/kg	ND	2220	1630	73	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2220	1550	70	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	4450	3200	72	15-130 IL	
3-Nitroaniline	ug/kg	ND	4450	3280	74	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	4450	3030	68	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	2220	1470	66	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	4450	3190	72	30-130	
4-Chloroaniline	ug/kg	ND	4450	3020	68	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	2220	1400	63	32-130	
4-Nitroaniline	ug/kg	ND	4450	3170	71	30-130	
4-Nitrophenol	ug/kg	ND	11100	6820	61	17-130	
Acenaphthene	ug/kg	ND	2220	1520	69	29-130	
Acenaphthylene	ug/kg	ND	2220	1590	72	31-130	
Aniline	ug/kg	ND	2220	1460	66	10-130 v3	
Anthracene	ug/kg	ND	2220	1540	69	33-130	
Benzo(a)anthracene	ug/kg	ND	2220	1670	75	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

MATRIX SPIKE SAMPLE: 3211648		92529706001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	2220	1610	73	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	2220	1420	64	28-130	
Benzo(k)fluoranthene	ug/kg	ND	2220	1600	72	31-130	
Benzoic Acid	ug/kg	ND	11100	3050	27	10-130	
Benzyl alcohol	ug/kg	ND	4450	3170	71	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	2220	1570	71	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	2220	1630	73	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2220	1750	79	40-130	v1
Butylbenzylphthalate	ug/kg	ND	2220	1840	83	40-130	v1
Chrysene	ug/kg	ND	2220	1660	75	30-130	
Di-n-butylphthalate	ug/kg	ND	2220	1550	70	41-130	
Di-n-octylphthalate	ug/kg	ND	2220	1870	84	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	2220	1460	66	27-130	
Dibenzofuran	ug/kg	ND	2220	1510	68	32-130	
Diethylphthalate	ug/kg	ND	2220	1610	72	40-130	
Dimethylphthalate	ug/kg	ND	2220	1600	72	37-130	
Fluoranthene	ug/kg	ND	2220	1490	67	26-130	
Fluorene	ug/kg	ND	2220	1500	67	31-130	
Hexachlorobenzene	ug/kg	ND	2220	1460	66	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	2220	760	34	10-130	v3
Hexachloroethane	ug/kg	ND	2220	1550	70	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2220	1450	65	28-130	
Isophorone	ug/kg	ND	2220	1500	67	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	2220	1550	70	31-130	
N-Nitrosodimethylamine	ug/kg	ND	2220	1710	77	20-130	v1
N-Nitrosodiphenylamine	ug/kg	ND	2220	1570	71	32-130	
Nitrobenzene	ug/kg	ND	2220	1640	74	25-130	
Pentachlorophenol	ug/kg	ND	4450	2520	57	10-130	
Phenanthrene	ug/kg	ND	2220	1540	69	34-130	
Phenol	ug/kg	ND	2220	1700	77	14-130	
Pyrene	ug/kg	ND	2220	1770	79	31-130	
Pyridine	ug/kg	ND	2220	1370	62	10-130	
2,4,6-Tribromophenol (S)	%				70	18-130	
2-Fluorobiphenyl (S)	%				68	19-130	
2-Fluorophenol (S)	%				77	18-130	
Nitrobenzene-d5 (S)	%				73	21-130	
Phenol-d6 (S)	%				74	18-130	
Terphenyl-d14 (S)	%				90	15-130	

SAMPLE DUPLICATE: 3211649

Parameter	Units	92529706002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3211649

Parameter	Units	92529706002 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	v2
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	v1
Butylbenzylphthalate	ug/kg	ND	ND		30	v1
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	v1
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	v2

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

SAMPLE DUPLICATE: 3211649

Parameter	Units	92529706002 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30 v1	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	61	66			
2-Fluorobiphenyl (S)	%	49	67			
2-Fluorophenol (S)	%	48	68			
Nitrobenzene-d5 (S)	%	49	70			
Phenol-d6 (S)	%	46	67			
Terphenyl-d14 (S)	%	97	105			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

QC Batch:	609695	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92529815001, 92529815002, 92529815003, 92529815004, 92529815005, 92529815006, 92529815007, 92529815008, 92529815009, 92529815010, 92529815011, 92529815012, 92529815013, 92529815014

SAMPLE DUPLICATE: 3211412

Parameter	Units	92529557001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.4	13.5	13	25	N2

SAMPLE DUPLICATE: 3211413

Parameter	Units	92529864001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	56.3	55.0	2	25	N2

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

1g	Laboratory contaminant.
B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030600

Pace Project No.: 92529815

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529815001	DA4-SB-5_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815002	DA4-SB-5_SE_6-7-20210324	EPA 3546	609780	EPA 8082A	609813
92529815003	DA4-SB-5A_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815004	DA4-SB-5A_SE_2-2.5-20210324	EPA 3546	609780	EPA 8082A	609813
92529815005	DA4-SB-5B_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815006	DA4-SB-5B_SE_2-2.5-20210324	EPA 3546	609780	EPA 8082A	609813
92529815007	DA4-SB-6_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815008	DA4-SB-6_SE_4-5-20210324	EPA 3546	609780	EPA 8082A	609813
92529815009	DA4-SB-6A_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815010	DA4-SB-6A_SE_2-2.5-20210324	EPA 3546	609780	EPA 8082A	609813
92529815011	DA4-SB-6B_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815012	DA4-SB-6B_SE_2-2.5-20210324	EPA 3546	609780	EPA 8082A	609813
92529815013	DA4-SB-7_SE_0-0.6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815014	DA4-SB-7_SE_5-6-20210324	EPA 3546	609780	EPA 8082A	609813
92529815015	EB-1_WQ_20210324	EPA 3510C	610114	EPA 8270E	610399
92529815001	DA4-SB-5_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815002	DA4-SB-5_SE_6-7-20210324	EPA 3546	609903	EPA 8270E	610118
92529815003	DA4-SB-5A_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815004	DA4-SB-5A_SE_2-2.5-20210324	EPA 3546	609903	EPA 8270E	610118
92529815005	DA4-SB-5B_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815006	DA4-SB-5B_SE_2-2.5-20210324	EPA 3546	609903	EPA 8270E	610118
92529815007	DA4-SB-6_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815008	DA4-SB-6_SE_4-5-20210324	EPA 3546	609903	EPA 8270E	610118
92529815009	DA4-SB-6A_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815010	DA4-SB-6A_SE_2-2.5-20210324	EPA 3546	609903	EPA 8270E	610118
92529815011	DA4-SB-6B_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815012	DA4-SB-6B_SE_2-2.5-20210324	EPA 3546	609903	EPA 8270E	610118
92529815013	DA4-SB-7_SE_0-0.6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815014	DA4-SB-7_SE_5-6-20210324	EPA 3546	609903	EPA 8270E	610118
92529815001	DA4-SB-5_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815002	DA4-SB-5_SE_6-7-20210324	EPA 3546	609779	EPA 8270E	609890
92529815003	DA4-SB-5A_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815004	DA4-SB-5A_SE_2-2.5-20210324	EPA 3546	609779	EPA 8270E	609890
92529815005	DA4-SB-5B_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815006	DA4-SB-5B_SE_2-2.5-20210324	EPA 3546	609779	EPA 8270E	609890
92529815007	DA4-SB-6_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815008	DA4-SB-6_SE_4-5-20210324	EPA 3546	609779	EPA 8270E	609890
92529815009	DA4-SB-6A_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815010	DA4-SB-6A_SE_2-2.5-20210324	EPA 3546	609779	EPA 8270E	609890
92529815011	DA4-SB-6B_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815012	DA4-SB-6B_SE_2-2.5-20210324	EPA 3546	609779	EPA 8270E	609890
92529815013	DA4-SB-7_SE_0-0.6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815014	DA4-SB-7_SE_5-6-20210324	EPA 3546	609779	EPA 8270E	609890
92529815015	EB-1_WQ_20210324	EPA 8260D	610199		
92529815001	DA4-SB-5_SE_0-0.6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815002	DA4-SB-5_SE_6-7-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879

REPORT OF LABORATORY ANALYSIS

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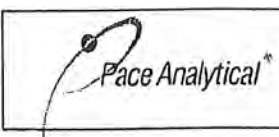
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030600
Pace Project No.: 92529815

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529815003	DA4-SB-5A_SE_0-0.6-20210324	EPA 5035A/5030B	609987	EPA 8260D	610060
92529815004	DA4-SB-5A_SE_2-2.5-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815005	DA4-SB-5B_SE_0-0.6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815006	DA4-SB-5B_SE_2-2.5-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815007	DA4-SB-6_SE_0-0.6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815008	DA4-SB-6_SE_4-5-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815009	DA4-SB-6A_SE_0-0.6-20210324	EPA 5035A/5030B	609987	EPA 8260D	610060
92529815010	DA4-SB-6A_SE_2-2.5-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815011	DA4-SB-6B_SE_0-0.6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815012	DA4-SB-6B_SE_2-2.5-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815013	DA4-SB-7_SE_0-0.6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815014	DA4-SB-7_SE_5-6-20210324	EPA 5035A/5030B	609681	EPA 8260D	609879
92529815001	DA4-SB-5_SE_0-0.6-20210324	SW-846	609695		
92529815002	DA4-SB-5_SE_6-7-20210324	SW-846	609695		
92529815003	DA4-SB-5A_SE_0-0.6-20210324	SW-846	609695		
92529815004	DA4-SB-5A_SE_2-2.5-20210324	SW-846	609695		
92529815005	DA4-SB-5B_SE_0-0.6-20210324	SW-846	609695		
92529815006	DA4-SB-5B_SE_2-2.5-20210324	SW-846	609695		
92529815007	DA4-SB-6_SE_0-0.6-20210324	SW-846	609695		
92529815008	DA4-SB-6_SE_4-5-20210324	SW-846	609695		
92529815009	DA4-SB-6A_SE_0-0.6-20210324	SW-846	609695		
92529815010	DA4-SB-6A_SE_2-2.5-20210324	SW-846	609695		
92529815011	DA4-SB-6B_SE_0-0.6-20210324	SW-846	609695		
92529815012	DA4-SB-6B_SE_2-2.5-20210324	SW-846	609695		
92529815013	DA4-SB-7_SE_0-0.6-20210324	SW-846	609695		
92529815014	DA4-SB-7_SE_5-6-20210324	SW-846	609695		

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name: Syntecra

Project **WO# : 92529815**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-26-21
AMK

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 92T064 Type of Ice: Wet Blue None

Cooler Temp: 4.6/23 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.6/2.9

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes Date/Time/ID/Analysis Matrix: <u>SL + WT</u>	9.
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

No Trip Blank received

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92529815

PM: KLH1

Due Date: 04/01/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
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5	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
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10	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92529815

PM: KLH1

Due Date: 04/01/21

CLIENT: 92-Duke Ener

pg 2

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1									2												3								
2									2													3							
3																													
4												1																	
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Section D Regulatory Agency	
Company: Synterra	Address: 148 River Street Suite 220, Greenville, SC 29601 Email To: kking@synterracorp.com Phone: kking@synterracorp.com	Report To: Tom King	Copy To: Heather Smith	Attention:	Company Name:	Address:	State / Location:
Requested Due Date: Standard TAT	Purchase Order #: Former Bramlette MGP	Project Name: Former Bramlette MGP	Project Number: 002731.00.04	Pages Quote:	Pages Project Manager: Kevin Herring	Pages Profile #:	Requested Analysis Filtered (Y/N): SC

ITEM #	MATRIX ID One Character per box (A-Z, 0-9, /, -) Sample Ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AS OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analyses Test	Requested Analysis Filtered (Y/N)				Residual Chlorine (Y/N)	SAMPLE CONDITIONS																	
						START DATE	END DATE					UNPRESERVED	H2SO4	HNO3	HCl		NaOH	Na2S2O3	Methanol	Other	8260	8270 & 8270 LV	8082	Trip Blank	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)						
						DATE	TIME					DATE	TIME	5	5		5	5	5	5	5	5	5	5	5	5	5	5	5	5				
1	DA4-SB-5_SE_0-0-6_20210324			SL C	G	3/24/2021	0900	--	5	X	X	X																						
2	DA4-SB-5_SE_6-7_20210324			SL C	G	3/24/2021	0940	--	5	X	X	X																						
3	DA4-SB-5A_SE_0-0-6_20210324			SL C	G	3/24/2021	1050	--	5	X	X	X																						
4	DA4-SB-5A_SE_2-2-5_20210324			SL C	G	3/24/2021	1110	--	5	X	X	X																						
5	DA4-SB-5B_SE_0-0-6_20210324			SL C	G	3/24/2021	1000	--	5	X	X	X																						
6	DA4-SB-5B_SE_2-2-5_20210324			SL C	G	3/24/2021	1030	--	5	X	X	X																						
7	DA4-SB-6_SE_0-0-6_20210324			SL C	G	3/24/2021	1300	--	5	X	X	X																						
8	DA4-SB-6_SE_4-5_20210324			SL C	G	3/24/2021	1340	--	5	X	X	X																						
9	DA4-SB-6A_SE_0-0-6_20210324			SL C	G	3/24/2021	1445	--	5	X	X	X																						
10	DA4-SB-6A_SE_2-2-5_20210324			SL C	G	3/24/2021	1515	--	5	X	X	X																						
11	DA4-SB-6B_SE_0-0-6_20210324			SL C	G	3/24/2021	1400	--	5	X	X	X																						
12	DA4-SB-6B_SE_2-2-5_20210324			SL C	G	3/24/2021	1430	--	5	X	X	X																						

RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME	
<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>0700</i>		<i>Synterra Cold Storage</i>		<i>3/25/21</i>		<i>1700</i>	
<i>Synterra Cold Storage</i>		<i>3/25/21</i>		<i>1000</i>		<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>1000</i>	
<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>1021</i>		<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>1221</i>	
<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>1045</i>		<i>Tom King / 22 King</i>		<i>3/25/21</i>		<i>1345</i>	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: *Tom King*

SIGNATURE of SAMPLER: *[Signature]* DATE Signed: *3/25/21*

TEMP in C: _____ Received on Ice (Y/N): _____ Custody Sealed Cooler (Y/N): _____ Samples Intact (Y/N): _____

A. Mucken / PACE / RWL 3-25-21 1830 AWP PACE AVL 3-26-21 8:00 AM 9:23

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synterra Address: 148 River Street Suite 220, Greenville, SC 29601 Email To: king@synterracorp.com Phone: Requested Due Date: STANDARD TAT

Section B Required Project Information: Report To: Tom King Copy To: Heather Smith Purchase Order #: Project Name: Former Bramlette MGP Project Number: 00.2731.00.04

Section C Invoice Information: Attention: Company Name: Address: Pace Quote: Pace Project Manager: Kevin Herring Pace Profile #: 7754

Regulatory Agency: State / Location: Requested Analysis Filtered (Y/N)

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Y/N	Residual Chlorine (Y/N)
			START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3			
1	DA4-SB-7_SE_0-0.6_20210324	SL C	3/24/2021	1545	5										
2	DA4-SB-7_SE_5-6_20210324	SL C	3/24/2021	1615	5										
3	TRIP BLANK	WT G			2										
4	EG-1-WA_20210324	WT G	3/24/2021	1630	1										
5															
6															
7															
8															
9															
10															
11															
12															

ADDITIONAL COMMENTS: Relinquished by / Affiliation: Tom King / Synterra Cold Storage Date: 3/25/21 Time: 1221

Accepted by / Affiliation: Pace / Pace Date: 3-25-21 Time: 1345

Signature of Sampler: Tom King Date Signed: 3/25/21

Signature of Analytical Lab: Pace Date Signed: 3/25/21

TEMP in C: 4.6

Received on ice (Y/N): Y

Custody Sealed Cooler (Y/N): N

Samples Intact (Y/N): Y

April 06, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92530395001	DA4-SB-8_SE_0-0.6_20210329	Solid	03/29/21 11:45	03/30/21 12:53
92530395002	DA4-SB-8_SE_5-6_20210329	Solid	03/29/21 13:20	03/30/21 12:53
92530395003	DA4-SB-8A_SE_0-0.6_20210329	Solid	03/29/21 14:20	03/30/21 12:53
92530395004	DA4-SB-8A_SE_2-2.5_20210329	Solid	03/29/21 14:35	03/30/21 12:53
92530395005	DA4-SB-8B_SE_0-0.6_20210329	Solid	03/29/21 13:45	03/30/21 12:53
92530395006	DA4-SB-8B_SE_2-2.5_20210329	Solid	03/29/21 14:00	03/30/21 12:53
92530395007	DA4-SB-9_SE_0-0.6_20210329	Solid	03/29/21 15:15	03/30/21 12:53
92530395008	DA4-SB-9_SE_7-8_20210329	Solid	03/29/21 16:15	03/30/21 12:53
92530395009	FD-2_SE_20210329	Solid	03/29/21 00:00	03/30/21 12:53
92530395010	TRIP BLANK	Water	03/29/21 00:00	03/30/21 12:53

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530395001	DA4-SB-8_SE_0-0.6_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395002	DA4-SB-8_SE_5-6_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395003	DA4-SB-8A_SE_0-0.6_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395004	DA4-SB-8A_SE_2-2.5_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395005	DA4-SB-8B_SE_0-0.6_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395006	DA4-SB-8B_SE_2-2.5_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395007	DA4-SB-9_SE_0-0.6_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395008	DA4-SB-9_SE_7-8_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395009	FD-2_SE_20210329	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530395010	TRIP BLANK	EPA 8260D	PM1	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92530395001	DA4-SB-8_SE_0-0.6_20210329					
EPA 8082A	PCB-1260 (Aroclor 1260)	187	ug/kg	70.2	04/05/21 11:44	
EPA 8270E	Benzo(a)pyrene	1540	ug/kg	21.0	04/02/21 12:49	M1
EPA 8270E	Acenaphthene	1720J	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Acenaphthylene	2100J	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Anthracene	5820	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Benzo(a)anthracene	9870	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Benzo(b)fluoranthene	10400	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Benzo(g,h,i)perylene	5550	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Benzo(k)fluoranthene	3650	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Chrysene	8610	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Fluoranthene	25800	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Fluorene	2370J	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Indeno(1,2,3-cd)pyrene	5130	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Phenanthrene	19700	ug/kg	3500	04/05/21 16:08	
EPA 8270E	Pyrene	20800	ug/kg	3500	04/05/21 16:08	
EPA 8260D	Acetone	347J	ug/kg	376	04/01/21 02:23	
EPA 8260D	Benzene	15.5J	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	2-Butanone (MEK)	153J	ug/kg	376	04/01/21 02:23	
EPA 8260D	1,4-Dichlorobenzene	28.1	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	Ethylbenzene	16.9J	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	Naphthalene	566	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	Toluene	44.9	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	1,2,4-Trimethylbenzene	28.5	ug/kg	18.8	04/01/21 02:23	
EPA 8260D	Xylene (Total)	78.3	ug/kg	37.6	04/01/21 02:23	
EPA 8260D	m&p-Xylene	57.6	ug/kg	37.6	04/01/21 02:23	
EPA 8260D	o-Xylene	20.7	ug/kg	18.8	04/01/21 02:23	
SW-846	Percent Moisture	52.8	%	0.10	03/31/21 15:47	N2
92530395002	DA4-SB-8_SE_5-6_20210329					
EPA 8270E	Benzo(a)pyrene	531	ug/kg	15.0	04/02/21 13:29	
EPA 8270E	Acenaphthene	193J	ug/kg	495	04/06/21 08:39	
EPA 8270E	Acenaphthylene	257J	ug/kg	495	04/06/21 08:39	
EPA 8270E	Anthracene	547	ug/kg	495	04/06/21 08:39	
EPA 8270E	Benzo(a)anthracene	1060	ug/kg	495	04/06/21 08:39	
EPA 8270E	Benzo(b)fluoranthene	974	ug/kg	495	04/06/21 08:39	
EPA 8270E	Benzo(g,h,i)perylene	544	ug/kg	495	04/06/21 08:39	
EPA 8270E	Benzo(k)fluoranthene	415J	ug/kg	495	04/06/21 08:39	
EPA 8270E	Chrysene	945	ug/kg	495	04/06/21 08:39	
EPA 8270E	Dibenzofuran	350J	ug/kg	495	04/06/21 08:39	
EPA 8270E	Fluoranthene	2390	ug/kg	495	04/06/21 08:39	
EPA 8270E	Fluorene	537	ug/kg	495	04/06/21 08:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	485J	ug/kg	495	04/06/21 08:39	
EPA 8270E	Phenanthrene	1930	ug/kg	495	04/06/21 08:39	
EPA 8270E	Pyrene	2150	ug/kg	495	04/06/21 08:39	
EPA 8260D	Ethylbenzene	5.0J	ug/kg	9.1	04/01/21 02:59	
EPA 8260D	Naphthalene	211	ug/kg	9.1	04/01/21 02:59	
EPA 8260D	Toluene	8.5J	ug/kg	9.1	04/01/21 02:59	
EPA 8260D	1,2,4-Trimethylbenzene	5.6J	ug/kg	9.1	04/01/21 02:59	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92530395002	DA4-SB-8_SE_5-6_20210329					
EPA 8260D	Xylene (Total)	10.0J	ug/kg	18.2	04/01/21 02:59	
EPA 8260D	m&p-Xylene	10.0J	ug/kg	18.2	04/01/21 02:59	
SW-846	Percent Moisture	33.3	%	0.10	03/31/21 15:47	N2
92530395003	DA4-SB-8A_SE_0-0.6_20210329					
EPA 8270E	Benzo(a)pyrene	89.0	ug/kg	14.1	04/02/21 14:10	
EPA 8270E	Benzo(a)anthracene	225J	ug/kg	473	04/05/21 12:08	
EPA 8270E	Benzo(b)fluoranthene	239J	ug/kg	473	04/05/21 12:08	
EPA 8270E	Chrysene	206J	ug/kg	473	04/05/21 12:08	
EPA 8270E	Fluoranthene	458J	ug/kg	473	04/05/21 12:08	
EPA 8270E	Phenanthrene	256J	ug/kg	473	04/05/21 12:08	
EPA 8270E	Pyrene	409J	ug/kg	473	04/05/21 12:08	
EPA 8260D	Toluene	4.7J	ug/kg	8.6	04/01/21 03:17	
SW-846	Percent Moisture	30.2	%	0.10	03/31/21 15:47	N2
92530395004	DA4-SB-8A_SE_2-2.5_20210329					
EPA 8270E	Benzo(a)pyrene	19.9	ug/kg	13.3	04/02/21 14:30	
EPA 8260D	Acetone	69.6J	ug/kg	166	04/01/21 03:35	
EPA 8260D	Naphthalene	15.3	ug/kg	8.3	04/01/21 03:35	
EPA 8260D	Toluene	7.0J	ug/kg	8.3	04/01/21 03:35	
EPA 8260D	Xylene (Total)	5.9J	ug/kg	16.6	04/01/21 03:35	
EPA 8260D	m&p-Xylene	5.9J	ug/kg	16.6	04/01/21 03:35	
SW-846	Percent Moisture	24.6	%	0.10	03/31/21 15:47	N2
92530395005	DA4-SB-8B_SE_0-0.6_20210329					
EPA 8270E	Benzo(a)pyrene	103	ug/kg	16.1	04/02/21 14:50	
EPA 8270E	Acenaphthylene	2490J	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Anthracene	7080	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Benzo(a)anthracene	12900	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Benzo(b)fluoranthene	12400	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Benzo(g,h,i)perylene	5410	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Benzo(k)fluoranthene	5160	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Chrysene	11000	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Dibenz(a,h)anthracene	1390J	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Dibenzofuran	1690J	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Fluoranthene	30500	ug/kg	5240	04/06/21 09:06	
EPA 8270E	Fluorene	3050	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Indeno(1,2,3-cd)pyrene	5240	ug/kg	2620	04/05/21 17:02	
EPA 8270E	Phenanthrene	28700	ug/kg	5240	04/06/21 09:06	
EPA 8270E	Pyrene	25200	ug/kg	2620	04/05/21 17:02	
EPA 8260D	Naphthalene	19.8	ug/kg	9.4	04/01/21 03:53	
EPA 8260D	Toluene	6.9J	ug/kg	9.4	04/01/21 03:53	
SW-846	Percent Moisture	37.1	%	0.10	03/31/21 15:47	N2
92530395006	DA4-SB-8B_SE_2-2.5_20210329					
EPA 8270E	Benzo(a)pyrene	6.9J	ug/kg	14.8	04/02/21 15:10	
SW-846	Percent Moisture	32.9	%	0.10	03/31/21 15:47	N2

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92530395007	DA4-SB-9_SE_0-0.6_20210329					
EPA 8082A	PCB-1260 (Aroclor 1260)	90.1	ug/kg	70.0	04/05/21 13:10	
EPA 8270E	Benzo(a)pyrene	299	ug/kg	21.1	04/02/21 15:30	
EPA 8270E	Benzo(a)anthracene	244J	ug/kg	688	04/05/21 13:26	
EPA 8270E	Benzo(b)fluoranthene	317J	ug/kg	688	04/05/21 13:26	
EPA 8270E	Fluoranthene	343J	ug/kg	688	04/05/21 13:26	
EPA 8270E	Pyrene	377J	ug/kg	688	04/05/21 13:26	
EPA 8260D	Acetone	206J	ug/kg	333	04/01/21 04:29	
EPA 8260D	2-Butanone (MEK)	80.1J	ug/kg	333	04/01/21 04:29	
EPA 8260D	Ethylbenzene	10.1J	ug/kg	16.6	04/01/21 04:29	
EPA 8260D	Naphthalene	147	ug/kg	16.6	04/01/21 04:29	
EPA 8260D	Toluene	23.6	ug/kg	16.6	04/01/21 04:29	
EPA 8260D	1,2,4-Trimethylbenzene	10J	ug/kg	16.6	04/01/21 04:29	
EPA 8260D	Xylene (Total)	18.3J	ug/kg	33.3	04/01/21 04:29	
EPA 8260D	m&p-Xylene	18.3J	ug/kg	33.3	04/01/21 04:29	
SW-846	Percent Moisture	52.0	%	0.10	03/31/21 15:47	N2
92530395008	DA4-SB-9_SE_7-8_20210329					
EPA 8270E	Benzo(a)pyrene	174	ug/kg	13.6	04/02/21 15:50	
EPA 8270E	Anthracene	223J	ug/kg	448	04/05/21 13:53	
EPA 8270E	Benzo(a)anthracene	236J	ug/kg	448	04/05/21 13:53	
EPA 8270E	Benzo(b)fluoranthene	220J	ug/kg	448	04/05/21 13:53	
EPA 8270E	Chrysene	210J	ug/kg	448	04/05/21 13:53	
EPA 8270E	Fluoranthene	536	ug/kg	448	04/05/21 13:53	
EPA 8270E	Phenanthrene	530	ug/kg	448	04/05/21 13:53	
EPA 8270E	Pyrene	507	ug/kg	448	04/05/21 13:53	
EPA 8260D	Naphthalene	14.2	ug/kg	7.7	04/01/21 04:47	
EPA 8260D	Toluene	6.6J	ug/kg	7.7	04/01/21 04:47	
SW-846	Percent Moisture	26.4	%	0.10	03/31/21 15:48	N2
92530395009	FD-2_SE_20210329					
EPA 8082A	PCB-1260 (Aroclor 1260)	34.6J	ug/kg	55.1	04/05/21 13:39	
EPA 8270E	Benzo(a)pyrene	480	ug/kg	16.8	04/02/21 16:10	
EPA 8270E	Anthracene	2590J	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Benzo(a)anthracene	5930	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Benzo(b)fluoranthene	5240	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Benzo(g,h,i)perylene	2350J	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Benzo(k)fluoranthene	1980J	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Chrysene	4730	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Fluoranthene	12200	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Indeno(1,2,3-cd)pyrene	2260J	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Phenanthrene	4980	ug/kg	2740	04/05/21 17:29	
EPA 8270E	Pyrene	10500	ug/kg	2740	04/05/21 17:29	
EPA 8260D	Acetone	175J	ug/kg	259	04/01/21 05:06	
EPA 8260D	Benzene	6.8J	ug/kg	13.0	04/01/21 05:06	
EPA 8260D	2-Butanone (MEK)	65.1J	ug/kg	259	04/01/21 05:06	
EPA 8260D	Ethylbenzene	9.4J	ug/kg	13.0	04/01/21 05:06	
EPA 8260D	Naphthalene	130	ug/kg	13.0	04/01/21 05:06	
EPA 8260D	Toluene	17.4	ug/kg	13.0	04/01/21 05:06	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92530395009	FD-2_SE_20210329					
EPA 8260D	1,2,4-Trimethylbenzene	9.5J	ug/kg	13.0	04/01/21 05:06	
EPA 8260D	Xylene (Total)	18.2J	ug/kg	25.9	04/01/21 05:06	
EPA 8260D	m&p-Xylene	18.2J	ug/kg	25.9	04/01/21 05:06	
SW-846	Percent Moisture	39.9	%	0.10	03/31/21 15:48	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: April 06, 2021

General Information:

9 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 06, 2021

General Information:

9 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 610716

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3215726)
- Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610716

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92530395001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3215727)
- Benzo(a)pyrene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: April 06, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 06, 2021

General Information:

9 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 610812

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3216459)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-8A_SE_0-0.6_20210329 (Lab ID: 92530395003)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-8A_SE_2-2.5_20210329 (Lab ID: 92530395004)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-8B_SE_0-0.6_20210329 (Lab ID: 92530395005)
 - 2-Nitroaniline
 - 3&4-Methylphenol(m&p Cresol)
 - Butylbenzylphthalate

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 06, 2021

QC Batch: 610812

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Di-n-octylphthalate
- Nitrobenzene
- bis(2-Ethylhexyl)phthalate
- DA4-SB-8B_SE_2-2.5_20210329 (Lab ID: 92530395006)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-8_SE_5-6_20210329 (Lab ID: 92530395002)
 - Nitrobenzene
- DA4-SB-9_SE_0-0.6_20210329 (Lab ID: 92530395007)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DA4-SB-9_SE_7-8_20210329 (Lab ID: 92530395008)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- DUP (Lab ID: 3216462)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- FD-2_SE_20210329 (Lab ID: 92530395009)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate
- LCS (Lab ID: 3216460)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 06, 2021

QC Batch: 610812

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Butylbenzylphthalate
- Di-n-octylphthalate
- Nitrobenzene
- bis(2-Ethylhexyl)phthalate
- MS (Lab ID: 3216461)
 - 2,2'-Oxybis(1-chloropropane)
 - 2-Nitroaniline
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - Nitrobenzene
 - bis(2-Ethylhexyl)phthalate

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3216459)
 - Hexachlorocyclopentadiene
- DA4-SB-8A_SE_0-0.6_20210329 (Lab ID: 92530395003)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DA4-SB-8A_SE_2-2.5_20210329 (Lab ID: 92530395004)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DA4-SB-8B_SE_0-0.6_20210329 (Lab ID: 92530395005)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DA4-SB-8B_SE_2-2.5_20210329 (Lab ID: 92530395006)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DA4-SB-9_SE_0-0.6_20210329 (Lab ID: 92530395007)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DA4-SB-9_SE_7-8_20210329 (Lab ID: 92530395008)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- DUP (Lab ID: 3216462)
 - Hexachlorocyclopentadiene
- FD-2_SE_20210329 (Lab ID: 92530395009)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3216460)
 - Hexachlorocyclopentadiene
- MS (Lab ID: 3216461)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 06, 2021

QC Batch: 610812

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Hexachlorocyclopentadiene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 610812

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- DUP (Lab ID: 3216462)
- Nitrobenzene-d5 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610812

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92530074001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3216461)
 - 3,3'-Dichlorobenzidine
 - N-Nitrosodiphenylamine

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 610812

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-8B_SE_0-0.6_20210329 (Lab ID: 92530395005)
 - Nitrobenzene-d5 (S)
- DA4-SB-8_SE_0-0.6_20210329 (Lab ID: 92530395001)
 - Nitrobenzene-d5 (S)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 06, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 06, 2021

General Information:

9 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610533

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92530395002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3214965)
- Chloromethane

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8_SE_0-0.6_20210329 **Lab ID: 92530395001** Collected: 03/29/21 11:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	70.2	25.7	1	04/02/21 14:48	04/05/21 11:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	70.2	27.1	1	04/02/21 14:48	04/05/21 11:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	70.2	24.6	1	04/02/21 14:48	04/05/21 11:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	70.2	13.2	1	04/02/21 14:48	04/05/21 11:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	70.2	17.5	1	04/02/21 14:48	04/05/21 11:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	70.2	13.2	1	04/02/21 14:48	04/05/21 11:44	11097-69-1	
PCB-1260 (Aroclor 1260)	187	ug/kg	70.2	16.8	1	04/02/21 14:48	04/05/21 11:44	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	56	%	10-160		1	04/02/21 14:48	04/05/21 11:44	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	1540	ug/kg	21.0	2.2	1	04/01/21 14:36	04/02/21 12:49	50-32-8	M1
Surrogates									
2-Fluorobiphenyl (S)	83	%	31-130		1	04/01/21 14:36	04/02/21 12:49	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	04/01/21 14:36	04/02/21 12:49	4165-60-0	
Terphenyl-d14 (S)	72	%	24-130		1	04/01/21 14:36	04/02/21 12:49	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	1720J	ug/kg	3500	1230	5	04/01/21 16:17	04/05/21 16:08	83-32-9	
Acenaphthylene	2100J	ug/kg	3500	1230	5	04/01/21 16:17	04/05/21 16:08	208-96-8	
Aniline	ND	ug/kg	3500	1370	5	04/01/21 16:17	04/05/21 16:08	62-53-3	
Anthracene	5820	ug/kg	3500	1150	5	04/01/21 16:17	04/05/21 16:08	120-12-7	
Benzo(a)anthracene	9870	ug/kg	3500	1170	5	04/01/21 16:17	04/05/21 16:08	56-55-3	
Benzo(b)fluoranthene	10400	ug/kg	3500	1170	5	04/01/21 16:17	04/05/21 16:08	205-99-2	
Benzo(g,h,i)perylene	5550	ug/kg	3500	1360	5	04/01/21 16:17	04/05/21 16:08	191-24-2	
Benzo(k)fluoranthene	3650	ug/kg	3500	1230	5	04/01/21 16:17	04/05/21 16:08	207-08-9	
Benzoic Acid	ND	ug/kg	17500	7520	5	04/01/21 16:17	04/05/21 16:08	65-85-0	
Benzyl alcohol	ND	ug/kg	7000	2650	5	04/01/21 16:17	04/05/21 16:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	3500	1350	5	04/01/21 16:17	04/05/21 16:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	3500	1470	5	04/01/21 16:17	04/05/21 16:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	7000	2460	5	04/01/21 16:17	04/05/21 16:08	59-50-7	
4-Chloroaniline	ND	ug/kg	7000	2750	5	04/01/21 16:17	04/05/21 16:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	3500	1450	5	04/01/21 16:17	04/05/21 16:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	3500	1310	5	04/01/21 16:17	04/05/21 16:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	3500	1390	5	04/01/21 16:17	04/05/21 16:08	91-58-7	
2-Chlorophenol	ND	ug/kg	3500	1310	5	04/01/21 16:17	04/05/21 16:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	3500	1300	5	04/01/21 16:17	04/05/21 16:08	7005-72-3	
Chrysene	8610	ug/kg	3500	1270	5	04/01/21 16:17	04/05/21 16:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	3500	1350	5	04/01/21 16:17	04/05/21 16:08	53-70-3	
Dibenzofuran	ND	ug/kg	3500	1260	5	04/01/21 16:17	04/05/21 16:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	7000	2360	5	04/01/21 16:17	04/05/21 16:08	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-8_SE_0-0.6_20210329 **Lab ID: 92530395001** Collected: 03/29/21 11:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report		DF	Prepared	Analyzed	CAS No.	Qual
			Limit	MDL					
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	3500	1370	5	04/01/21 16:17	04/05/21 16:08	120-83-2	
Diethylphthalate	ND	ug/kg	3500	1280	5	04/01/21 16:17	04/05/21 16:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	3500	1450	5	04/01/21 16:17	04/05/21 16:08	105-67-9	
Dimethylphthalate	ND	ug/kg	3500	1270	5	04/01/21 16:17	04/05/21 16:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	3500	1180	5	04/01/21 16:17	04/05/21 16:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	7000	3270	5	04/01/21 16:17	04/05/21 16:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	17500	10800	5	04/01/21 16:17	04/05/21 16:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	3500	1350	5	04/01/21 16:17	04/05/21 16:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	3500	1280	5	04/01/21 16:17	04/05/21 16:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	3500	1380	5	04/01/21 16:17	04/05/21 16:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3500	1360	5	04/01/21 16:17	04/05/21 16:08	117-81-7	
Fluoranthene	25800	ug/kg	3500	1200	5	04/01/21 16:17	04/05/21 16:08	206-44-0	
Fluorene	2370J	ug/kg	3500	1230	5	04/01/21 16:17	04/05/21 16:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	3500	1370	5	04/01/21 16:17	04/05/21 16:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	3500	2000	5	04/01/21 16:17	04/05/21 16:08	77-47-4	
Hexachloroethane	ND	ug/kg	3500	1340	5	04/01/21 16:17	04/05/21 16:08	67-72-1	
Indeno(1,2,3-cd)pyrene	5130	ug/kg	3500	1380	5	04/01/21 16:17	04/05/21 16:08	193-39-5	
Isophorone	ND	ug/kg	3500	1560	5	04/01/21 16:17	04/05/21 16:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	3500	1230	5	04/01/21 16:17	04/05/21 16:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	3500	1400	5	04/01/21 16:17	04/05/21 16:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	3500	1430	5	04/01/21 16:17	04/05/21 16:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	3500	1410	5	04/01/21 16:17	04/05/21 16:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	17500	2860	5	04/01/21 16:17	04/05/21 16:08	88-74-4	
3-Nitroaniline	ND	ug/kg	17500	2750	5	04/01/21 16:17	04/05/21 16:08	99-09-2	
4-Nitroaniline	ND	ug/kg	7000	2660	5	04/01/21 16:17	04/05/21 16:08	100-01-6	
Nitrobenzene	ND	ug/kg	3500	1620	5	04/01/21 16:17	04/05/21 16:08	98-95-3	
2-Nitrophenol	ND	ug/kg	3500	1520	5	04/01/21 16:17	04/05/21 16:08	88-75-5	
4-Nitrophenol	ND	ug/kg	17500	6760	5	04/01/21 16:17	04/05/21 16:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	3500	1180	5	04/01/21 16:17	04/05/21 16:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	3500	1310	5	04/01/21 16:17	04/05/21 16:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	3500	1240	5	04/01/21 16:17	04/05/21 16:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	3500	1660	5	04/01/21 16:17	04/05/21 16:08	108-60-1	
Pentachlorophenol	ND	ug/kg	7000	3420	5	04/01/21 16:17	04/05/21 16:08	87-86-5	
Phenanthrene	19700	ug/kg	3500	1150	5	04/01/21 16:17	04/05/21 16:08	85-01-8	
Phenol	ND	ug/kg	3500	1560	5	04/01/21 16:17	04/05/21 16:08	108-95-2	
Pyrene	20800	ug/kg	3500	1420	5	04/01/21 16:17	04/05/21 16:08	129-00-0	
Pyridine	ND	ug/kg	3500	1100	5	04/01/21 16:17	04/05/21 16:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	3500	1600	5	04/01/21 16:17	04/05/21 16:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	3500	1440	5	04/01/21 16:17	04/05/21 16:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	45	%	21-130		5	04/01/21 16:17	04/05/21 16:08	4165-60-0	D3
2-Fluorobiphenyl (S)	34	%	19-130		5	04/01/21 16:17	04/05/21 16:08	321-60-8	
Terphenyl-d14 (S)	23	%	15-130		5	04/01/21 16:17	04/05/21 16:08	1718-51-0	
Phenol-d6 (S)	54	%	18-130		5	04/01/21 16:17	04/05/21 16:08	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8_SE_0-0.6_20210329 **Lab ID: 92530395001** Collected: 03/29/21 11:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	55	%	18-130		5	04/01/21 16:17	04/05/21 16:08	367-12-4	
2,4,6-Tribromophenol (S)	56	%	18-130		5	04/01/21 16:17	04/05/21 16:08	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Acetone	347J	ug/kg	376	121	1	03/31/21 15:44	04/01/21 02:23	67-64-1	
Benzene	15.5J	ug/kg	18.8	7.5	1	03/31/21 15:44	04/01/21 02:23	71-43-2	
Bromobenzene	ND	ug/kg	18.8	6.1	1	03/31/21 15:44	04/01/21 02:23	108-86-1	
Bromochloromethane	ND	ug/kg	18.8	5.6	1	03/31/21 15:44	04/01/21 02:23	74-97-5	
Bromodichloromethane	ND	ug/kg	18.8	7.3	1	03/31/21 15:44	04/01/21 02:23	75-27-4	
Bromoform	ND	ug/kg	18.8	6.6	1	03/31/21 15:44	04/01/21 02:23	75-25-2	
Bromomethane	ND	ug/kg	37.6	29.7	1	03/31/21 15:44	04/01/21 02:23	74-83-9	
2-Butanone (MEK)	153J	ug/kg	376	90.3	1	03/31/21 15:44	04/01/21 02:23	78-93-3	
n-Butylbenzene	ND	ug/kg	18.8	8.9	1	03/31/21 15:44	04/01/21 02:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	18.8	8.3	1	03/31/21 15:44	04/01/21 02:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	18.8	6.7	1	03/31/21 15:44	04/01/21 02:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	18.8	7.0	1	03/31/21 15:44	04/01/21 02:23	56-23-5	
Chlorobenzene	ND	ug/kg	18.8	3.6	1	03/31/21 15:44	04/01/21 02:23	108-90-7	
Chloroethane	ND	ug/kg	37.6	14.5	1	03/31/21 15:44	04/01/21 02:23	75-00-3	
Chloroform	ND	ug/kg	18.8	11.4	1	03/31/21 15:44	04/01/21 02:23	67-66-3	
Chloromethane	ND	ug/kg	37.6	15.8	1	03/31/21 15:44	04/01/21 02:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	18.8	6.7	1	03/31/21 15:44	04/01/21 02:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	18.8	3.3	1	03/31/21 15:44	04/01/21 02:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	18.8	7.3	1	03/31/21 15:44	04/01/21 02:23	96-12-8	
Dibromochloromethane	ND	ug/kg	18.8	10.6	1	03/31/21 15:44	04/01/21 02:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	18.8	8.3	1	03/31/21 15:44	04/01/21 02:23	106-93-4	
Dibromomethane	ND	ug/kg	18.8	4.0	1	03/31/21 15:44	04/01/21 02:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	18.8	6.8	1	03/31/21 15:44	04/01/21 02:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	18.8	5.8	1	03/31/21 15:44	04/01/21 02:23	541-73-1	
1,4-Dichlorobenzene	28.1	ug/kg	18.8	4.9	1	03/31/21 15:44	04/01/21 02:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	37.6	8.2	1	03/31/21 15:44	04/01/21 02:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	18.8	7.7	1	03/31/21 15:44	04/01/21 02:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	18.8	12.4	1	03/31/21 15:44	04/01/21 02:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	18.8	7.7	1	03/31/21 15:44	04/01/21 02:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	18.8	6.4	1	03/31/21 15:44	04/01/21 02:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	18.8	6.6	1	03/31/21 15:44	04/01/21 02:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	18.8	5.6	1	03/31/21 15:44	04/01/21 02:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	18.8	5.9	1	03/31/21 15:44	04/01/21 02:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	18.8	6.1	1	03/31/21 15:44	04/01/21 02:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	18.8	9.0	1	03/31/21 15:44	04/01/21 02:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	18.8	5.1	1	03/31/21 15:44	04/01/21 02:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	18.8	6.5	1	03/31/21 15:44	04/01/21 02:23	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-8_SE_0-0.6_20210329 **Lab ID: 92530395001** Collected: 03/29/21 11:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	18.8	5.1	1	03/31/21 15:44	04/01/21 02:23	108-20-3	
Ethylbenzene	16.9J	ug/kg	18.8	8.8	1	03/31/21 15:44	04/01/21 02:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	37.6	30.8	1	03/31/21 15:44	04/01/21 02:23	87-68-3	
2-Hexanone	ND	ug/kg	188	18.1	1	03/31/21 15:44	04/01/21 02:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	18.8	6.4	1	03/31/21 15:44	04/01/21 02:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	18.8	9.3	1	03/31/21 15:44	04/01/21 02:23	99-87-6	
Methylene Chloride	ND	ug/kg	75.2	51.5	1	03/31/21 15:44	04/01/21 02:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	188	18.1	1	03/31/21 15:44	04/01/21 02:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	18.8	7.0	1	03/31/21 15:44	04/01/21 02:23	1634-04-4	
Naphthalene	566	ug/kg	18.8	9.9	1	03/31/21 15:44	04/01/21 02:23	91-20-3	
n-Propylbenzene	ND	ug/kg	18.8	6.7	1	03/31/21 15:44	04/01/21 02:23	103-65-1	
Styrene	ND	ug/kg	18.8	5.0	1	03/31/21 15:44	04/01/21 02:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	18.8	7.2	1	03/31/21 15:44	04/01/21 02:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	18.8	5.0	1	03/31/21 15:44	04/01/21 02:23	79-34-5	
Tetrachloroethene	ND	ug/kg	18.8	5.9	1	03/31/21 15:44	04/01/21 02:23	127-18-4	
Toluene	44.9	ug/kg	18.8	5.3	1	03/31/21 15:44	04/01/21 02:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	18.8	15.2	1	03/31/21 15:44	04/01/21 02:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	18.8	15.8	1	03/31/21 15:44	04/01/21 02:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	18.8	9.8	1	03/31/21 15:44	04/01/21 02:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	18.8	6.2	1	03/31/21 15:44	04/01/21 02:23	79-00-5	
Trichloroethene	ND	ug/kg	18.8	4.9	1	03/31/21 15:44	04/01/21 02:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	18.8	10.3	1	03/31/21 15:44	04/01/21 02:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	18.8	9.5	1	03/31/21 15:44	04/01/21 02:23	96-18-4	
1,2,4-Trimethylbenzene	28.5	ug/kg	18.8	5.2	1	03/31/21 15:44	04/01/21 02:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	18.8	6.3	1	03/31/21 15:44	04/01/21 02:23	108-67-8	
Vinyl acetate	ND	ug/kg	188	13.7	1	03/31/21 15:44	04/01/21 02:23	108-05-4	
Vinyl chloride	ND	ug/kg	37.6	9.6	1	03/31/21 15:44	04/01/21 02:23	75-01-4	
Xylene (Total)	78.3	ug/kg	37.6	10.7	1	03/31/21 15:44	04/01/21 02:23	1330-20-7	
m&p-Xylene	57.6	ug/kg	37.6	12.9	1	03/31/21 15:44	04/01/21 02:23	179601-23-1	
o-Xylene	20.7	ug/kg	18.8	8.3	1	03/31/21 15:44	04/01/21 02:23	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/31/21 15:44	04/01/21 02:23	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/31/21 15:44	04/01/21 02:23	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/31/21 15:44	04/01/21 02:23	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	52.8	%	0.10	0.10	1		03/31/21 15:47		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8_SE_5-6_20210329 **Lab ID:** 92530395002 Collected: 03/29/21 13:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.3	18.4	1	04/02/21 14:48	04/05/21 11:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.3	19.4	1	04/02/21 14:48	04/05/21 11:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.3	17.6	1	04/02/21 14:48	04/05/21 11:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.3	9.5	1	04/02/21 14:48	04/05/21 11:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.3	12.6	1	04/02/21 14:48	04/05/21 11:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.3	9.5	1	04/02/21 14:48	04/05/21 11:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.3	12.0	1	04/02/21 14:48	04/05/21 11:59	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	42	%	10-160		1	04/02/21 14:48	04/05/21 11:59	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	531	ug/kg	15.0	1.5	1	04/01/21 14:36	04/02/21 13:29	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	64	%	31-130		1	04/01/21 14:36	04/02/21 13:29	321-60-8	
Nitrobenzene-d5 (S)	90	%	32-130		1	04/01/21 14:36	04/02/21 13:29	4165-60-0	
Terphenyl-d14 (S)	46	%	24-130		1	04/01/21 14:36	04/02/21 13:29	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	193J	ug/kg	495	174	1	04/01/21 16:17	04/06/21 08:39	83-32-9	
Acenaphthylene	257J	ug/kg	495	174	1	04/01/21 16:17	04/06/21 08:39	208-96-8	
Aniline	ND	ug/kg	495	193	1	04/01/21 16:17	04/06/21 08:39	62-53-3	
Anthracene	547	ug/kg	495	162	1	04/01/21 16:17	04/06/21 08:39	120-12-7	
Benzo(a)anthracene	1060	ug/kg	495	165	1	04/01/21 16:17	04/06/21 08:39	56-55-3	
Benzo(b)fluoranthene	974	ug/kg	495	165	1	04/01/21 16:17	04/06/21 08:39	205-99-2	
Benzo(g,h,i)perylene	544	ug/kg	495	192	1	04/01/21 16:17	04/06/21 08:39	191-24-2	
Benzo(k)fluoranthene	415J	ug/kg	495	174	1	04/01/21 16:17	04/06/21 08:39	207-08-9	
Benzoic Acid	ND	ug/kg	2470	1060	1	04/01/21 16:17	04/06/21 08:39	65-85-0	
Benzyl alcohol	ND	ug/kg	990	375	1	04/01/21 16:17	04/06/21 08:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	495	190	1	04/01/21 16:17	04/06/21 08:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	495	208	1	04/01/21 16:17	04/06/21 08:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	990	348	1	04/01/21 16:17	04/06/21 08:39	59-50-7	
4-Chloroaniline	ND	ug/kg	990	388	1	04/01/21 16:17	04/06/21 08:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	495	205	1	04/01/21 16:17	04/06/21 08:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	495	186	1	04/01/21 16:17	04/06/21 08:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	495	196	1	04/01/21 16:17	04/06/21 08:39	91-58-7	
2-Chlorophenol	ND	ug/kg	495	186	1	04/01/21 16:17	04/06/21 08:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	495	184	1	04/01/21 16:17	04/06/21 08:39	7005-72-3	
Chrysene	945	ug/kg	495	180	1	04/01/21 16:17	04/06/21 08:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	495	190	1	04/01/21 16:17	04/06/21 08:39	53-70-3	
Dibenzofuran	350J	ug/kg	495	178	1	04/01/21 16:17	04/06/21 08:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	990	334	1	04/01/21 16:17	04/06/21 08:39	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: **DA4-SB-8_SE_5-6_20210329** Lab ID: **92530395002** Collected: 03/29/21 13:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546							
		Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	495	193	1	04/01/21 16:17	04/06/21 08:39	120-83-2	
Diethylphthalate	ND	ug/kg	495	181	1	04/01/21 16:17	04/06/21 08:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	495	205	1	04/01/21 16:17	04/06/21 08:39	105-67-9	
Dimethylphthalate	ND	ug/kg	495	180	1	04/01/21 16:17	04/06/21 08:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	495	166	1	04/01/21 16:17	04/06/21 08:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	990	462	1	04/01/21 16:17	04/06/21 08:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2470	1530	1	04/01/21 16:17	04/06/21 08:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	495	190	1	04/01/21 16:17	04/06/21 08:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	495	181	1	04/01/21 16:17	04/06/21 08:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	495	195	1	04/01/21 16:17	04/06/21 08:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	495	192	1	04/01/21 16:17	04/06/21 08:39	117-81-7	
Fluoranthene	2390	ug/kg	495	169	1	04/01/21 16:17	04/06/21 08:39	206-44-0	
Fluorene	537	ug/kg	495	174	1	04/01/21 16:17	04/06/21 08:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	495	193	1	04/01/21 16:17	04/06/21 08:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	495	283	1	04/01/21 16:17	04/06/21 08:39	77-47-4	
Hexachloroethane	ND	ug/kg	495	189	1	04/01/21 16:17	04/06/21 08:39	67-72-1	
Indeno(1,2,3-cd)pyrene	485J	ug/kg	495	195	1	04/01/21 16:17	04/06/21 08:39	193-39-5	
Isophorone	ND	ug/kg	495	220	1	04/01/21 16:17	04/06/21 08:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	495	174	1	04/01/21 16:17	04/06/21 08:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	495	198	1	04/01/21 16:17	04/06/21 08:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	495	202	1	04/01/21 16:17	04/06/21 08:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	495	199	1	04/01/21 16:17	04/06/21 08:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2470	405	1	04/01/21 16:17	04/06/21 08:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2470	388	1	04/01/21 16:17	04/06/21 08:39	99-09-2	IL
4-Nitroaniline	ND	ug/kg	990	376	1	04/01/21 16:17	04/06/21 08:39	100-01-6	
Nitrobenzene	ND	ug/kg	495	229	1	04/01/21 16:17	04/06/21 08:39	98-95-3	v1
2-Nitrophenol	ND	ug/kg	495	214	1	04/01/21 16:17	04/06/21 08:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2470	957	1	04/01/21 16:17	04/06/21 08:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	495	166	1	04/01/21 16:17	04/06/21 08:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	495	186	1	04/01/21 16:17	04/06/21 08:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	495	175	1	04/01/21 16:17	04/06/21 08:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	495	235	1	04/01/21 16:17	04/06/21 08:39	108-60-1	
Pentachlorophenol	ND	ug/kg	990	484	1	04/01/21 16:17	04/06/21 08:39	87-86-5	
Phenanthrene	1930	ug/kg	495	162	1	04/01/21 16:17	04/06/21 08:39	85-01-8	
Phenol	ND	ug/kg	495	220	1	04/01/21 16:17	04/06/21 08:39	108-95-2	
Pyrene	2150	ug/kg	495	201	1	04/01/21 16:17	04/06/21 08:39	129-00-0	
Pyridine	ND	ug/kg	495	156	1	04/01/21 16:17	04/06/21 08:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	495	226	1	04/01/21 16:17	04/06/21 08:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	495	204	1	04/01/21 16:17	04/06/21 08:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	21-130		1	04/01/21 16:17	04/06/21 08:39	4165-60-0	
2-Fluorobiphenyl (S)	33	%	19-130		1	04/01/21 16:17	04/06/21 08:39	321-60-8	
Terphenyl-d14 (S)	19	%	15-130		1	04/01/21 16:17	04/06/21 08:39	1718-51-0	
Phenol-d6 (S)	67	%	18-130		1	04/01/21 16:17	04/06/21 08:39	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-8_SE_5-6_20210329 **Lab ID:** 92530395002 Collected: 03/29/21 13:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	68	%	18-130		1	04/01/21 16:17	04/06/21 08:39	367-12-4	
2,4,6-Tribromophenol (S)	55	%	18-130		1	04/01/21 16:17	04/06/21 08:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	182	58.4	1	03/31/21 15:44	04/01/21 02:59	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	03/31/21 15:44	04/01/21 02:59	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	03/31/21 15:44	04/01/21 02:59	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	03/31/21 15:44	04/01/21 02:59	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	03/31/21 15:44	04/01/21 02:59	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	03/31/21 15:44	04/01/21 02:59	75-25-2	
Bromomethane	ND	ug/kg	18.2	14.4	1	03/31/21 15:44	04/01/21 02:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	182	43.7	1	03/31/21 15:44	04/01/21 02:59	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	03/31/21 15:44	04/01/21 02:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	03/31/21 15:44	04/01/21 02:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	03/31/21 15:44	04/01/21 02:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	03/31/21 15:44	04/01/21 02:59	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	03/31/21 15:44	04/01/21 02:59	108-90-7	
Chloroethane	ND	ug/kg	18.2	7.0	1	03/31/21 15:44	04/01/21 02:59	75-00-3	
Chloroform	ND	ug/kg	9.1	5.5	1	03/31/21 15:44	04/01/21 02:59	67-66-3	
Chloromethane	ND	ug/kg	18.2	7.6	1	03/31/21 15:44	04/01/21 02:59	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	03/31/21 15:44	04/01/21 02:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	03/31/21 15:44	04/01/21 02:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	03/31/21 15:44	04/01/21 02:59	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	03/31/21 15:44	04/01/21 02:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	03/31/21 15:44	04/01/21 02:59	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	03/31/21 15:44	04/01/21 02:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	03/31/21 15:44	04/01/21 02:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	03/31/21 15:44	04/01/21 02:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	03/31/21 15:44	04/01/21 02:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.2	4.0	1	03/31/21 15:44	04/01/21 02:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.7	1	03/31/21 15:44	04/01/21 02:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	03/31/21 15:44	04/01/21 02:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.7	1	03/31/21 15:44	04/01/21 02:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	03/31/21 15:44	04/01/21 02:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	03/31/21 15:44	04/01/21 02:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	03/31/21 15:44	04/01/21 02:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	03/31/21 15:44	04/01/21 02:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	03/31/21 15:44	04/01/21 02:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	03/31/21 15:44	04/01/21 02:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	03/31/21 15:44	04/01/21 02:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	03/31/21 15:44	04/01/21 02:59	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8_SE_5-6_20210329 **Lab ID:** 92530395002 **Collected:** 03/29/21 13:20 **Received:** 03/30/21 12:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	03/31/21 15:44	04/01/21 02:59	108-20-3	
Ethylbenzene	5.0J	ug/kg	9.1	4.2	1	03/31/21 15:44	04/01/21 02:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.2	14.9	1	03/31/21 15:44	04/01/21 02:59	87-68-3	
2-Hexanone	ND	ug/kg	91.0	8.8	1	03/31/21 15:44	04/01/21 02:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	03/31/21 15:44	04/01/21 02:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	03/31/21 15:44	04/01/21 02:59	99-87-6	
Methylene Chloride	ND	ug/kg	36.4	24.9	1	03/31/21 15:44	04/01/21 02:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.0	8.8	1	03/31/21 15:44	04/01/21 02:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	03/31/21 15:44	04/01/21 02:59	1634-04-4	
Naphthalene	211	ug/kg	9.1	4.8	1	03/31/21 15:44	04/01/21 02:59	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	03/31/21 15:44	04/01/21 02:59	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	03/31/21 15:44	04/01/21 02:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	03/31/21 15:44	04/01/21 02:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	03/31/21 15:44	04/01/21 02:59	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	03/31/21 15:44	04/01/21 02:59	127-18-4	
Toluene	8.5J	ug/kg	9.1	2.6	1	03/31/21 15:44	04/01/21 02:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	03/31/21 15:44	04/01/21 02:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	03/31/21 15:44	04/01/21 02:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	03/31/21 15:44	04/01/21 02:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	03/31/21 15:44	04/01/21 02:59	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	03/31/21 15:44	04/01/21 02:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	03/31/21 15:44	04/01/21 02:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	03/31/21 15:44	04/01/21 02:59	96-18-4	
1,2,4-Trimethylbenzene	5.6J	ug/kg	9.1	2.5	1	03/31/21 15:44	04/01/21 02:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	03/31/21 15:44	04/01/21 02:59	108-67-8	
Vinyl acetate	ND	ug/kg	91.0	6.6	1	03/31/21 15:44	04/01/21 02:59	108-05-4	
Vinyl chloride	ND	ug/kg	18.2	4.6	1	03/31/21 15:44	04/01/21 02:59	75-01-4	
Xylene (Total)	10.0J	ug/kg	18.2	5.2	1	03/31/21 15:44	04/01/21 02:59	1330-20-7	
m&p-Xylene	10.0J	ug/kg	18.2	6.2	1	03/31/21 15:44	04/01/21 02:59	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	03/31/21 15:44	04/01/21 02:59	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/31/21 15:44	04/01/21 02:59	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/31/21 15:44	04/01/21 02:59	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1	03/31/21 15:44	04/01/21 02:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	33.3	%	0.10	0.10	1		03/31/21 15:47		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_0-0.6_20210329 **Lab ID:** 92530395003 Collected: 03/29/21 14:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	47.0	17.2	1	04/02/21 14:48	04/05/21 12:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47.0	18.1	1	04/02/21 14:48	04/05/21 12:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47.0	16.5	1	04/02/21 14:48	04/05/21 12:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47.0	8.9	1	04/02/21 14:48	04/05/21 12:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	47.0	11.7	1	04/02/21 14:48	04/05/21 12:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47.0	8.8	1	04/02/21 14:48	04/05/21 12:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47.0	11.2	1	04/02/21 14:48	04/05/21 12:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	53	%	10-160		1	04/02/21 14:48	04/05/21 12:13	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	89.0	ug/kg	14.1	1.5	1	04/01/21 14:36	04/02/21 14:10	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/01/21 14:36	04/02/21 14:10	321-60-8	
Nitrobenzene-d5 (S)	100	%	32-130		1	04/01/21 14:36	04/02/21 14:10	4165-60-0	
Terphenyl-d14 (S)	94	%	24-130		1	04/01/21 14:36	04/02/21 14:10	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	473	166	1	04/01/21 16:17	04/05/21 12:08	83-32-9	
Acenaphthylene	ND	ug/kg	473	166	1	04/01/21 16:17	04/05/21 12:08	208-96-8	
Aniline	ND	ug/kg	473	185	1	04/01/21 16:17	04/05/21 12:08	62-53-3	
Anthracene	ND	ug/kg	473	155	1	04/01/21 16:17	04/05/21 12:08	120-12-7	
Benzo(a)anthracene	225J	ug/kg	473	158	1	04/01/21 16:17	04/05/21 12:08	56-55-3	
Benzo(b)fluoranthene	239J	ug/kg	473	158	1	04/01/21 16:17	04/05/21 12:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	473	183	1	04/01/21 16:17	04/05/21 12:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	473	166	1	04/01/21 16:17	04/05/21 12:08	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1020	1	04/01/21 16:17	04/05/21 12:08	65-85-0	
Benzyl alcohol	ND	ug/kg	946	358	1	04/01/21 16:17	04/05/21 12:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	473	182	1	04/01/21 16:17	04/05/21 12:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	473	199	1	04/01/21 16:17	04/05/21 12:08	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	946	333	1	04/01/21 16:17	04/05/21 12:08	59-50-7	
4-Chloroaniline	ND	ug/kg	946	371	1	04/01/21 16:17	04/05/21 12:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	473	196	1	04/01/21 16:17	04/05/21 12:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	473	178	1	04/01/21 16:17	04/05/21 12:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	473	188	1	04/01/21 16:17	04/05/21 12:08	91-58-7	
2-Chlorophenol	ND	ug/kg	473	178	1	04/01/21 16:17	04/05/21 12:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	473	176	1	04/01/21 16:17	04/05/21 12:08	7005-72-3	
Chrysene	206J	ug/kg	473	172	1	04/01/21 16:17	04/05/21 12:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	473	182	1	04/01/21 16:17	04/05/21 12:08	53-70-3	
Dibenzofuran	ND	ug/kg	473	171	1	04/01/21 16:17	04/05/21 12:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	946	320	1	04/01/21 16:17	04/05/21 12:08	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: **DA4-SB-8A_SE_0-0.6_20210329** Lab ID: **92530395003** Collected: 03/29/21 14:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
2,4-Dichlorophenol	ND	ug/kg	473	185	1	04/01/21 16:17	04/05/21 12:08	120-83-2	
Diethylphthalate	ND	ug/kg	473	173	1	04/01/21 16:17	04/05/21 12:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	473	196	1	04/01/21 16:17	04/05/21 12:08	105-67-9	
Dimethylphthalate	ND	ug/kg	473	172	1	04/01/21 16:17	04/05/21 12:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	473	159	1	04/01/21 16:17	04/05/21 12:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	946	441	1	04/01/21 16:17	04/05/21 12:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/01/21 16:17	04/05/21 12:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	473	182	1	04/01/21 16:17	04/05/21 12:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	473	173	1	04/01/21 16:17	04/05/21 12:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	473	186	1	04/01/21 16:17	04/05/21 12:08	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	473	183	1	04/01/21 16:17	04/05/21 12:08	117-81-7	v1
Fluoranthene	458J	ug/kg	473	162	1	04/01/21 16:17	04/05/21 12:08	206-44-0	
Fluorene	ND	ug/kg	473	166	1	04/01/21 16:17	04/05/21 12:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	473	185	1	04/01/21 16:17	04/05/21 12:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	473	271	1	04/01/21 16:17	04/05/21 12:08	77-47-4	v2
Hexachloroethane	ND	ug/kg	473	181	1	04/01/21 16:17	04/05/21 12:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	473	186	1	04/01/21 16:17	04/05/21 12:08	193-39-5	
Isophorone	ND	ug/kg	473	211	1	04/01/21 16:17	04/05/21 12:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	473	166	1	04/01/21 16:17	04/05/21 12:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	473	189	1	04/01/21 16:17	04/05/21 12:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	473	193	1	04/01/21 16:17	04/05/21 12:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	473	191	1	04/01/21 16:17	04/05/21 12:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	387	1	04/01/21 16:17	04/05/21 12:08	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2360	371	1	04/01/21 16:17	04/05/21 12:08	99-09-2	IL
4-Nitroaniline	ND	ug/kg	946	360	1	04/01/21 16:17	04/05/21 12:08	100-01-6	
Nitrobenzene	ND	ug/kg	473	219	1	04/01/21 16:17	04/05/21 12:08	98-95-3	v1
2-Nitrophenol	ND	ug/kg	473	205	1	04/01/21 16:17	04/05/21 12:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	914	1	04/01/21 16:17	04/05/21 12:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	473	159	1	04/01/21 16:17	04/05/21 12:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	473	178	1	04/01/21 16:17	04/05/21 12:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	473	168	1	04/01/21 16:17	04/05/21 12:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	473	225	1	04/01/21 16:17	04/05/21 12:08	108-60-1	v1
Pentachlorophenol	ND	ug/kg	946	463	1	04/01/21 16:17	04/05/21 12:08	87-86-5	v2
Phenanthrene	256J	ug/kg	473	155	1	04/01/21 16:17	04/05/21 12:08	85-01-8	
Phenol	ND	ug/kg	473	211	1	04/01/21 16:17	04/05/21 12:08	108-95-2	
Pyrene	409J	ug/kg	473	192	1	04/01/21 16:17	04/05/21 12:08	129-00-0	
Pyridine	ND	ug/kg	473	149	1	04/01/21 16:17	04/05/21 12:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	473	216	1	04/01/21 16:17	04/05/21 12:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	473	195	1	04/01/21 16:17	04/05/21 12:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	21-130		1	04/01/21 16:17	04/05/21 12:08	4165-60-0	
2-Fluorobiphenyl (S)	61	%	19-130		1	04/01/21 16:17	04/05/21 12:08	321-60-8	
Terphenyl-d14 (S)	68	%	15-130		1	04/01/21 16:17	04/05/21 12:08	1718-51-0	
Phenol-d6 (S)	57	%	18-130		1	04/01/21 16:17	04/05/21 12:08	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_0-0.6_20210329 Lab ID: 92530395003 Collected: 03/29/21 14:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	49	%	18-130		1	04/01/21 16:17	04/05/21 12:08	367-12-4	
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/01/21 16:17	04/05/21 12:08	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	172	55.3	1	03/31/21 15:44	04/01/21 03:17	67-64-1	
Benzene	ND	ug/kg	8.6	3.4	1	03/31/21 15:44	04/01/21 03:17	71-43-2	
Bromobenzene	ND	ug/kg	8.6	2.8	1	03/31/21 15:44	04/01/21 03:17	108-86-1	
Bromochloromethane	ND	ug/kg	8.6	2.6	1	03/31/21 15:44	04/01/21 03:17	74-97-5	
Bromodichloromethane	ND	ug/kg	8.6	3.3	1	03/31/21 15:44	04/01/21 03:17	75-27-4	
Bromoform	ND	ug/kg	8.6	3.0	1	03/31/21 15:44	04/01/21 03:17	75-25-2	
Bromomethane	ND	ug/kg	17.2	13.6	1	03/31/21 15:44	04/01/21 03:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	172	41.4	1	03/31/21 15:44	04/01/21 03:17	78-93-3	
n-Butylbenzene	ND	ug/kg	8.6	4.1	1	03/31/21 15:44	04/01/21 03:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.6	3.8	1	03/31/21 15:44	04/01/21 03:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.6	3.1	1	03/31/21 15:44	04/01/21 03:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.6	3.2	1	03/31/21 15:44	04/01/21 03:17	56-23-5	
Chlorobenzene	ND	ug/kg	8.6	1.7	1	03/31/21 15:44	04/01/21 03:17	108-90-7	
Chloroethane	ND	ug/kg	17.2	6.7	1	03/31/21 15:44	04/01/21 03:17	75-00-3	
Chloroform	ND	ug/kg	8.6	5.2	1	03/31/21 15:44	04/01/21 03:17	67-66-3	
Chloromethane	ND	ug/kg	17.2	7.2	1	03/31/21 15:44	04/01/21 03:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.6	3.1	1	03/31/21 15:44	04/01/21 03:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.6	1.5	1	03/31/21 15:44	04/01/21 03:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.6	3.3	1	03/31/21 15:44	04/01/21 03:17	96-12-8	
Dibromochloromethane	ND	ug/kg	8.6	4.8	1	03/31/21 15:44	04/01/21 03:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.6	3.8	1	03/31/21 15:44	04/01/21 03:17	106-93-4	
Dibromomethane	ND	ug/kg	8.6	1.8	1	03/31/21 15:44	04/01/21 03:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.6	3.1	1	03/31/21 15:44	04/01/21 03:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.6	2.7	1	03/31/21 15:44	04/01/21 03:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.6	2.2	1	03/31/21 15:44	04/01/21 03:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.2	3.7	1	03/31/21 15:44	04/01/21 03:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.6	3.6	1	03/31/21 15:44	04/01/21 03:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.6	5.7	1	03/31/21 15:44	04/01/21 03:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.6	3.6	1	03/31/21 15:44	04/01/21 03:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.6	2.9	1	03/31/21 15:44	04/01/21 03:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.6	3.0	1	03/31/21 15:44	04/01/21 03:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.6	2.6	1	03/31/21 15:44	04/01/21 03:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.6	2.7	1	03/31/21 15:44	04/01/21 03:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.6	2.8	1	03/31/21 15:44	04/01/21 03:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.6	4.1	1	03/31/21 15:44	04/01/21 03:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.6	2.3	1	03/31/21 15:44	04/01/21 03:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.6	3.0	1	03/31/21 15:44	04/01/21 03:17	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_0-0.6_20210329 Lab ID: 92530395003 Collected: 03/29/21 14:20 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.6	2.3	1	03/31/21 15:44	04/01/21 03:17	108-20-3	
Ethylbenzene	ND	ug/kg	8.6	4.0	1	03/31/21 15:44	04/01/21 03:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.2	14.1	1	03/31/21 15:44	04/01/21 03:17	87-68-3	
2-Hexanone	ND	ug/kg	86.2	8.3	1	03/31/21 15:44	04/01/21 03:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.6	2.9	1	03/31/21 15:44	04/01/21 03:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.6	4.2	1	03/31/21 15:44	04/01/21 03:17	99-87-6	
Methylene Chloride	ND	ug/kg	34.5	23.6	1	03/31/21 15:44	04/01/21 03:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.2	8.3	1	03/31/21 15:44	04/01/21 03:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.6	3.2	1	03/31/21 15:44	04/01/21 03:17	1634-04-4	
Naphthalene	ND	ug/kg	8.6	4.5	1	03/31/21 15:44	04/01/21 03:17	91-20-3	
n-Propylbenzene	ND	ug/kg	8.6	3.1	1	03/31/21 15:44	04/01/21 03:17	103-65-1	
Styrene	ND	ug/kg	8.6	2.3	1	03/31/21 15:44	04/01/21 03:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.6	3.3	1	03/31/21 15:44	04/01/21 03:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.6	2.3	1	03/31/21 15:44	04/01/21 03:17	79-34-5	
Tetrachloroethene	ND	ug/kg	8.6	2.7	1	03/31/21 15:44	04/01/21 03:17	127-18-4	
Toluene	4.7J	ug/kg	8.6	2.4	1	03/31/21 15:44	04/01/21 03:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.6	7.0	1	03/31/21 15:44	04/01/21 03:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.6	7.2	1	03/31/21 15:44	04/01/21 03:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.6	4.5	1	03/31/21 15:44	04/01/21 03:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.6	2.9	1	03/31/21 15:44	04/01/21 03:17	79-00-5	
Trichloroethene	ND	ug/kg	8.6	2.2	1	03/31/21 15:44	04/01/21 03:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.6	4.7	1	03/31/21 15:44	04/01/21 03:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.6	4.4	1	03/31/21 15:44	04/01/21 03:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.6	2.4	1	03/31/21 15:44	04/01/21 03:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.6	2.9	1	03/31/21 15:44	04/01/21 03:17	108-67-8	
Vinyl acetate	ND	ug/kg	86.2	6.3	1	03/31/21 15:44	04/01/21 03:17	108-05-4	
Vinyl chloride	ND	ug/kg	17.2	4.4	1	03/31/21 15:44	04/01/21 03:17	75-01-4	
Xylene (Total)	ND	ug/kg	17.2	4.9	1	03/31/21 15:44	04/01/21 03:17	1330-20-7	
m&p-Xylene	ND	ug/kg	17.2	5.9	1	03/31/21 15:44	04/01/21 03:17	179601-23-1	
o-Xylene	ND	ug/kg	8.6	3.8	1	03/31/21 15:44	04/01/21 03:17	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/31/21 15:44	04/01/21 03:17	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	03/31/21 15:44	04/01/21 03:17	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/31/21 15:44	04/01/21 03:17	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	30.2	%	0.10	0.10	1		03/31/21 15:47		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_2-2.5_20210329 **Lab ID:** 92530395004 **Collected:** 03/29/21 14:35 **Received:** 03/30/21 12:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	43.8	16.0	1	04/02/21 14:48	04/05/21 12:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.8	16.9	1	04/02/21 14:48	04/05/21 12:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.8	15.3	1	04/02/21 14:48	04/05/21 12:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.8	8.3	1	04/02/21 14:48	04/05/21 12:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.8	10.9	1	04/02/21 14:48	04/05/21 12:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.8	8.2	1	04/02/21 14:48	04/05/21 12:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.8	10.5	1	04/02/21 14:48	04/05/21 12:27	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	80	%	10-160		1	04/02/21 14:48	04/05/21 12:27	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	19.9	ug/kg	13.3	1.4	1	04/01/21 14:36	04/02/21 14:30	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	89	%	31-130		1	04/01/21 14:36	04/02/21 14:30	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	04/01/21 14:36	04/02/21 14:30	4165-60-0	
Terphenyl-d14 (S)	75	%	24-130		1	04/01/21 14:36	04/02/21 14:30	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	438	154	1	04/01/21 16:17	04/05/21 12:35	83-32-9	
Acenaphthylene	ND	ug/kg	438	154	1	04/01/21 16:17	04/05/21 12:35	208-96-8	
Aniline	ND	ug/kg	438	171	1	04/01/21 16:17	04/05/21 12:35	62-53-3	
Anthracene	ND	ug/kg	438	143	1	04/01/21 16:17	04/05/21 12:35	120-12-7	
Benzo(a)anthracene	ND	ug/kg	438	146	1	04/01/21 16:17	04/05/21 12:35	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	438	146	1	04/01/21 16:17	04/05/21 12:35	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	438	170	1	04/01/21 16:17	04/05/21 12:35	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	438	154	1	04/01/21 16:17	04/05/21 12:35	207-08-9	
Benzoic Acid	ND	ug/kg	2190	941	1	04/01/21 16:17	04/05/21 12:35	65-85-0	
Benzyl alcohol	ND	ug/kg	876	332	1	04/01/21 16:17	04/05/21 12:35	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	438	168	1	04/01/21 16:17	04/05/21 12:35	101-55-3	
Butylbenzylphthalate	ND	ug/kg	438	184	1	04/01/21 16:17	04/05/21 12:35	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	876	308	1	04/01/21 16:17	04/05/21 12:35	59-50-7	
4-Chloroaniline	ND	ug/kg	876	344	1	04/01/21 16:17	04/05/21 12:35	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	438	182	1	04/01/21 16:17	04/05/21 12:35	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	438	165	1	04/01/21 16:17	04/05/21 12:35	111-44-4	
2-Chloronaphthalene	ND	ug/kg	438	174	1	04/01/21 16:17	04/05/21 12:35	91-58-7	
2-Chlorophenol	ND	ug/kg	438	165	1	04/01/21 16:17	04/05/21 12:35	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	438	163	1	04/01/21 16:17	04/05/21 12:35	7005-72-3	
Chrysene	ND	ug/kg	438	159	1	04/01/21 16:17	04/05/21 12:35	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	438	168	1	04/01/21 16:17	04/05/21 12:35	53-70-3	
Dibenzofuran	ND	ug/kg	438	158	1	04/01/21 16:17	04/05/21 12:35	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	876	296	1	04/01/21 16:17	04/05/21 12:35	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: **DA4-SB-8A_SE_2-2.5_20210329** Lab ID: **92530395004** Collected: 03/29/21 14:35 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	438	171	1	04/01/21 16:17	04/05/21 12:35	120-83-2	
Diethylphthalate	ND	ug/kg	438	161	1	04/01/21 16:17	04/05/21 12:35	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	438	182	1	04/01/21 16:17	04/05/21 12:35	105-67-9	
Dimethylphthalate	ND	ug/kg	438	159	1	04/01/21 16:17	04/05/21 12:35	131-11-3	
Di-n-butylphthalate	ND	ug/kg	438	147	1	04/01/21 16:17	04/05/21 12:35	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	876	409	1	04/01/21 16:17	04/05/21 12:35	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2190	1350	1	04/01/21 16:17	04/05/21 12:35	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	438	168	1	04/01/21 16:17	04/05/21 12:35	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	438	161	1	04/01/21 16:17	04/05/21 12:35	606-20-2	
Di-n-octylphthalate	ND	ug/kg	438	172	1	04/01/21 16:17	04/05/21 12:35	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	438	170	1	04/01/21 16:17	04/05/21 12:35	117-81-7	v1
Fluoranthene	ND	ug/kg	438	150	1	04/01/21 16:17	04/05/21 12:35	206-44-0	
Fluorene	ND	ug/kg	438	154	1	04/01/21 16:17	04/05/21 12:35	86-73-7	
Hexachlorobenzene	ND	ug/kg	438	171	1	04/01/21 16:17	04/05/21 12:35	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	438	251	1	04/01/21 16:17	04/05/21 12:35	77-47-4	v2
Hexachloroethane	ND	ug/kg	438	167	1	04/01/21 16:17	04/05/21 12:35	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	438	172	1	04/01/21 16:17	04/05/21 12:35	193-39-5	
Isophorone	ND	ug/kg	438	195	1	04/01/21 16:17	04/05/21 12:35	78-59-1	
1-Methylnaphthalene	ND	ug/kg	438	154	1	04/01/21 16:17	04/05/21 12:35	90-12-0	
2-Methylnaphthalene	ND	ug/kg	438	175	1	04/01/21 16:17	04/05/21 12:35	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	438	179	1	04/01/21 16:17	04/05/21 12:35	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	438	176	1	04/01/21 16:17	04/05/21 12:35	15831-10-4	
2-Nitroaniline	ND	ug/kg	2190	358	1	04/01/21 16:17	04/05/21 12:35	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2190	344	1	04/01/21 16:17	04/05/21 12:35	99-09-2	IL
4-Nitroaniline	ND	ug/kg	876	333	1	04/01/21 16:17	04/05/21 12:35	100-01-6	
Nitrobenzene	ND	ug/kg	438	203	1	04/01/21 16:17	04/05/21 12:35	98-95-3	v1
2-Nitrophenol	ND	ug/kg	438	190	1	04/01/21 16:17	04/05/21 12:35	88-75-5	
4-Nitrophenol	ND	ug/kg	2190	846	1	04/01/21 16:17	04/05/21 12:35	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	438	147	1	04/01/21 16:17	04/05/21 12:35	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	438	165	1	04/01/21 16:17	04/05/21 12:35	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	438	155	1	04/01/21 16:17	04/05/21 12:35	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	438	208	1	04/01/21 16:17	04/05/21 12:35	108-60-1	v1
Pentachlorophenol	ND	ug/kg	876	429	1	04/01/21 16:17	04/05/21 12:35	87-86-5	v2
Phenanthrene	ND	ug/kg	438	143	1	04/01/21 16:17	04/05/21 12:35	85-01-8	
Phenol	ND	ug/kg	438	195	1	04/01/21 16:17	04/05/21 12:35	108-95-2	
Pyrene	ND	ug/kg	438	178	1	04/01/21 16:17	04/05/21 12:35	129-00-0	
Pyridine	ND	ug/kg	438	138	1	04/01/21 16:17	04/05/21 12:35	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	438	200	1	04/01/21 16:17	04/05/21 12:35	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	438	180	1	04/01/21 16:17	04/05/21 12:35	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	85	%	21-130		1	04/01/21 16:17	04/05/21 12:35	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	04/01/21 16:17	04/05/21 12:35	321-60-8	
Terphenyl-d14 (S)	47	%	15-130		1	04/01/21 16:17	04/05/21 12:35	1718-51-0	
Phenol-d6 (S)	76	%	18-130		1	04/01/21 16:17	04/05/21 12:35	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_2-2.5_20210329 **Lab ID:** 92530395004 Collected: 03/29/21 14:35 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	73	%	18-130		1	04/01/21 16:17	04/05/21 12:35	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	04/01/21 16:17	04/05/21 12:35	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	69.6J	ug/kg	166	53.2	1	03/31/21 15:44	04/01/21 03:35	67-64-1	
Benzene	ND	ug/kg	8.3	3.3	1	03/31/21 15:44	04/01/21 03:35	71-43-2	
Bromobenzene	ND	ug/kg	8.3	2.7	1	03/31/21 15:44	04/01/21 03:35	108-86-1	
Bromochloromethane	ND	ug/kg	8.3	2.5	1	03/31/21 15:44	04/01/21 03:35	74-97-5	
Bromodichloromethane	ND	ug/kg	8.3	3.2	1	03/31/21 15:44	04/01/21 03:35	75-27-4	
Bromoform	ND	ug/kg	8.3	2.9	1	03/31/21 15:44	04/01/21 03:35	75-25-2	
Bromomethane	ND	ug/kg	16.6	13.1	1	03/31/21 15:44	04/01/21 03:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	166	39.8	1	03/31/21 15:44	04/01/21 03:35	78-93-3	
n-Butylbenzene	ND	ug/kg	8.3	3.9	1	03/31/21 15:44	04/01/21 03:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.3	3.6	1	03/31/21 15:44	04/01/21 03:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.3	3.0	1	03/31/21 15:44	04/01/21 03:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.3	3.1	1	03/31/21 15:44	04/01/21 03:35	56-23-5	
Chlorobenzene	ND	ug/kg	8.3	1.6	1	03/31/21 15:44	04/01/21 03:35	108-90-7	
Chloroethane	ND	ug/kg	16.6	6.4	1	03/31/21 15:44	04/01/21 03:35	75-00-3	
Chloroform	ND	ug/kg	8.3	5.0	1	03/31/21 15:44	04/01/21 03:35	67-66-3	
Chloromethane	ND	ug/kg	16.6	7.0	1	03/31/21 15:44	04/01/21 03:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.3	2.9	1	03/31/21 15:44	04/01/21 03:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.3	1.5	1	03/31/21 15:44	04/01/21 03:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	3.2	1	03/31/21 15:44	04/01/21 03:35	96-12-8	
Dibromochloromethane	ND	ug/kg	8.3	4.7	1	03/31/21 15:44	04/01/21 03:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.3	3.6	1	03/31/21 15:44	04/01/21 03:35	106-93-4	
Dibromomethane	ND	ug/kg	8.3	1.8	1	03/31/21 15:44	04/01/21 03:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.3	3.0	1	03/31/21 15:44	04/01/21 03:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.3	2.6	1	03/31/21 15:44	04/01/21 03:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.3	2.2	1	03/31/21 15:44	04/01/21 03:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.6	3.6	1	03/31/21 15:44	04/01/21 03:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.3	3.4	1	03/31/21 15:44	04/01/21 03:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.3	5.5	1	03/31/21 15:44	04/01/21 03:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.3	3.4	1	03/31/21 15:44	04/01/21 03:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.3	2.8	1	03/31/21 15:44	04/01/21 03:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.3	2.9	1	03/31/21 15:44	04/01/21 03:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.3	2.5	1	03/31/21 15:44	04/01/21 03:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.3	2.6	1	03/31/21 15:44	04/01/21 03:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.3	2.7	1	03/31/21 15:44	04/01/21 03:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.3	4.0	1	03/31/21 15:44	04/01/21 03:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.3	2.3	1	03/31/21 15:44	04/01/21 03:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.3	2.9	1	03/31/21 15:44	04/01/21 03:35	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8A_SE_2-2.5_20210329 **Lab ID: 92530395004** Collected: 03/29/21 14:35 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.3	2.2	1	03/31/21 15:44	04/01/21 03:35	108-20-3	
Ethylbenzene	ND	ug/kg	8.3	3.9	1	03/31/21 15:44	04/01/21 03:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.6	13.6	1	03/31/21 15:44	04/01/21 03:35	87-68-3	
2-Hexanone	ND	ug/kg	82.9	8.0	1	03/31/21 15:44	04/01/21 03:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.3	2.8	1	03/31/21 15:44	04/01/21 03:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.3	4.1	1	03/31/21 15:44	04/01/21 03:35	99-87-6	
Methylene Chloride	ND	ug/kg	33.2	22.7	1	03/31/21 15:44	04/01/21 03:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	82.9	8.0	1	03/31/21 15:44	04/01/21 03:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.3	3.1	1	03/31/21 15:44	04/01/21 03:35	1634-04-4	
Naphthalene	15.3	ug/kg	8.3	4.4	1	03/31/21 15:44	04/01/21 03:35	91-20-3	
n-Propylbenzene	ND	ug/kg	8.3	3.0	1	03/31/21 15:44	04/01/21 03:35	103-65-1	
Styrene	ND	ug/kg	8.3	2.2	1	03/31/21 15:44	04/01/21 03:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.3	3.2	1	03/31/21 15:44	04/01/21 03:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.3	2.2	1	03/31/21 15:44	04/01/21 03:35	79-34-5	
Tetrachloroethene	ND	ug/kg	8.3	2.6	1	03/31/21 15:44	04/01/21 03:35	127-18-4	
Toluene	7.0J	ug/kg	8.3	2.4	1	03/31/21 15:44	04/01/21 03:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.3	6.7	1	03/31/21 15:44	04/01/21 03:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.3	7.0	1	03/31/21 15:44	04/01/21 03:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.3	4.3	1	03/31/21 15:44	04/01/21 03:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.3	2.8	1	03/31/21 15:44	04/01/21 03:35	79-00-5	
Trichloroethene	ND	ug/kg	8.3	2.1	1	03/31/21 15:44	04/01/21 03:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.3	4.6	1	03/31/21 15:44	04/01/21 03:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.3	4.2	1	03/31/21 15:44	04/01/21 03:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.3	2.3	1	03/31/21 15:44	04/01/21 03:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.3	2.8	1	03/31/21 15:44	04/01/21 03:35	108-67-8	
Vinyl acetate	ND	ug/kg	82.9	6.0	1	03/31/21 15:44	04/01/21 03:35	108-05-4	
Vinyl chloride	ND	ug/kg	16.6	4.2	1	03/31/21 15:44	04/01/21 03:35	75-01-4	
Xylene (Total)	5.9J	ug/kg	16.6	4.7	1	03/31/21 15:44	04/01/21 03:35	1330-20-7	
m&p-Xylene	5.9J	ug/kg	16.6	5.7	1	03/31/21 15:44	04/01/21 03:35	179601-23-1	
o-Xylene	ND	ug/kg	8.3	3.7	1	03/31/21 15:44	04/01/21 03:35	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/31/21 15:44	04/01/21 03:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	03/31/21 15:44	04/01/21 03:35	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1	03/31/21 15:44	04/01/21 03:35	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.6	%	0.10	0.10	1		03/31/21 15:47		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_0-0.6_20210329 **Lab ID: 92530395005** Collected: 03/29/21 13:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.6	18.9	1	04/02/21 14:48	04/05/21 12:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.6	19.9	1	04/02/21 14:48	04/05/21 12:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.6	18.1	1	04/02/21 14:48	04/05/21 12:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.6	9.7	1	04/02/21 14:48	04/05/21 12:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.6	12.9	1	04/02/21 14:48	04/05/21 12:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.6	9.7	1	04/02/21 14:48	04/05/21 12:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.6	12.3	1	04/02/21 14:48	04/05/21 12:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	32	%	10-160		1	04/02/21 14:48	04/05/21 12:42	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	103	ug/kg	16.1	1.7	1	04/01/21 14:36	04/02/21 14:50	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	87	%	31-130		1	04/01/21 14:36	04/02/21 14:50	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	04/01/21 14:36	04/02/21 14:50	4165-60-0	
Terphenyl-d14 (S)	72	%	24-130		1	04/01/21 14:36	04/02/21 14:50	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	2620	921	5	04/01/21 16:17	04/05/21 17:02	83-32-9	
Acenaphthylene	2490J	ug/kg	2620	921	5	04/01/21 16:17	04/05/21 17:02	208-96-8	
Aniline	ND	ug/kg	2620	1020	5	04/01/21 16:17	04/05/21 17:02	62-53-3	
Anthracene	7080	ug/kg	2620	858	5	04/01/21 16:17	04/05/21 17:02	120-12-7	
Benzo(a)anthracene	12900	ug/kg	2620	874	5	04/01/21 16:17	04/05/21 17:02	56-55-3	
Benzo(b)fluoranthene	12400	ug/kg	2620	874	5	04/01/21 16:17	04/05/21 17:02	205-99-2	
Benzo(g,h,i)perylene	5410	ug/kg	2620	1020	5	04/01/21 16:17	04/05/21 17:02	191-24-2	
Benzo(k)fluoranthene	5160	ug/kg	2620	921	5	04/01/21 16:17	04/05/21 17:02	207-08-9	
Benzoic Acid	ND	ug/kg	13100	5630	5	04/01/21 16:17	04/05/21 17:02	65-85-0	
Benzyl alcohol	ND	ug/kg	5240	1990	5	04/01/21 16:17	04/05/21 17:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2620	1010	5	04/01/21 16:17	04/05/21 17:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2620	1100	5	04/01/21 16:17	04/05/21 17:02	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	5240	1840	5	04/01/21 16:17	04/05/21 17:02	59-50-7	
4-Chloroaniline	ND	ug/kg	5240	2060	5	04/01/21 16:17	04/05/21 17:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2620	1090	5	04/01/21 16:17	04/05/21 17:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2620	985	5	04/01/21 16:17	04/05/21 17:02	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2620	1040	5	04/01/21 16:17	04/05/21 17:02	91-58-7	
2-Chlorophenol	ND	ug/kg	2620	985	5	04/01/21 16:17	04/05/21 17:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2620	977	5	04/01/21 16:17	04/05/21 17:02	7005-72-3	
Chrysene	11000	ug/kg	2620	953	5	04/01/21 16:17	04/05/21 17:02	218-01-9	
Dibenz(a,h)anthracene	1390J	ug/kg	2620	1010	5	04/01/21 16:17	04/05/21 17:02	53-70-3	
Dibenzofuran	1690J	ug/kg	2620	945	5	04/01/21 16:17	04/05/21 17:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5240	1770	5	04/01/21 16:17	04/05/21 17:02	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_0-0.6_20210329 **Lab ID:** 92530395005 **Collected:** 03/29/21 13:45 **Received:** 03/30/21 12:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	2620	1020	5	04/01/21 16:17	04/05/21 17:02	120-83-2	
Diethylphthalate	ND	ug/kg	2620	961	5	04/01/21 16:17	04/05/21 17:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2620	1090	5	04/01/21 16:17	04/05/21 17:02	105-67-9	
Dimethylphthalate	ND	ug/kg	2620	953	5	04/01/21 16:17	04/05/21 17:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2620	882	5	04/01/21 16:17	04/05/21 17:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5240	2450	5	04/01/21 16:17	04/05/21 17:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	13100	8100	5	04/01/21 16:17	04/05/21 17:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2620	1010	5	04/01/21 16:17	04/05/21 17:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	2620	961	5	04/01/21 16:17	04/05/21 17:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2620	1030	5	04/01/21 16:17	04/05/21 17:02	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2620	1020	5	04/01/21 16:17	04/05/21 17:02	117-81-7	v1
Fluoranthene	30500	ug/kg	5240	1800	10	04/01/21 16:17	04/06/21 09:06	206-44-0	
Fluorene	3050	ug/kg	2620	921	5	04/01/21 16:17	04/05/21 17:02	86-73-7	
Hexachlorobenzene	ND	ug/kg	2620	1020	5	04/01/21 16:17	04/05/21 17:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2620	1500	5	04/01/21 16:17	04/05/21 17:02	77-47-4	v2
Hexachloroethane	ND	ug/kg	2620	1000	5	04/01/21 16:17	04/05/21 17:02	67-72-1	
Indeno(1,2,3-cd)pyrene	5240	ug/kg	2620	1030	5	04/01/21 16:17	04/05/21 17:02	193-39-5	
Isophorone	ND	ug/kg	2620	1170	5	04/01/21 16:17	04/05/21 17:02	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2620	921	5	04/01/21 16:17	04/05/21 17:02	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2620	1050	5	04/01/21 16:17	04/05/21 17:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2620	1070	5	04/01/21 16:17	04/05/21 17:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2620	1060	5	04/01/21 16:17	04/05/21 17:02	15831-10-4	v1
2-Nitroaniline	ND	ug/kg	13100	2140	5	04/01/21 16:17	04/05/21 17:02	88-74-4	v1
3-Nitroaniline	ND	ug/kg	13100	2060	5	04/01/21 16:17	04/05/21 17:02	99-09-2	IL
4-Nitroaniline	ND	ug/kg	5240	1990	5	04/01/21 16:17	04/05/21 17:02	100-01-6	
Nitrobenzene	ND	ug/kg	2620	1220	5	04/01/21 16:17	04/05/21 17:02	98-95-3	v1
2-Nitrophenol	ND	ug/kg	2620	1140	5	04/01/21 16:17	04/05/21 17:02	88-75-5	
4-Nitrophenol	ND	ug/kg	13100	5070	5	04/01/21 16:17	04/05/21 17:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2620	882	5	04/01/21 16:17	04/05/21 17:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2620	985	5	04/01/21 16:17	04/05/21 17:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2620	929	5	04/01/21 16:17	04/05/21 17:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2620	1250	5	04/01/21 16:17	04/05/21 17:02	108-60-1	
Pentachlorophenol	ND	ug/kg	5240	2570	5	04/01/21 16:17	04/05/21 17:02	87-86-5	v2
Phenanthrene	28700	ug/kg	5240	1720	10	04/01/21 16:17	04/06/21 09:06	85-01-8	
Phenol	ND	ug/kg	2620	1170	5	04/01/21 16:17	04/05/21 17:02	108-95-2	
Pyrene	25200	ug/kg	2620	1060	5	04/01/21 16:17	04/05/21 17:02	129-00-0	
Pyridine	ND	ug/kg	2620	826	5	04/01/21 16:17	04/05/21 17:02	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2620	1200	5	04/01/21 16:17	04/05/21 17:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2620	1080	5	04/01/21 16:17	04/05/21 17:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	74	%	21-130		5	04/01/21 16:17	04/05/21 17:02	4165-60-0	D3
2-Fluorobiphenyl (S)	51	%	19-130		5	04/01/21 16:17	04/05/21 17:02	321-60-8	
Terphenyl-d14 (S)	36	%	15-130		5	04/01/21 16:17	04/05/21 17:02	1718-51-0	
Phenol-d6 (S)	58	%	18-130		5	04/01/21 16:17	04/05/21 17:02	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_0-0.6_20210329 **Lab ID: 92530395005** Collected: 03/29/21 13:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	55	%	18-130		5	04/01/21 16:17	04/05/21 17:02	367-12-4	
2,4,6-Tribromophenol (S)	54	%	18-130		5	04/01/21 16:17	04/05/21 17:02	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	188	60.3	1	03/31/21 15:44	04/01/21 03:53	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	03/31/21 15:44	04/01/21 03:53	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	03/31/21 15:44	04/01/21 03:53	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	03/31/21 15:44	04/01/21 03:53	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	03/31/21 15:44	04/01/21 03:53	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	03/31/21 15:44	04/01/21 03:53	75-25-2	
Bromomethane	ND	ug/kg	18.8	14.8	1	03/31/21 15:44	04/01/21 03:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	188	45.1	1	03/31/21 15:44	04/01/21 03:53	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	03/31/21 15:44	04/01/21 03:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	03/31/21 15:44	04/01/21 03:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	03/31/21 15:44	04/01/21 03:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	03/31/21 15:44	04/01/21 03:53	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	03/31/21 15:44	04/01/21 03:53	108-90-7	
Chloroethane	ND	ug/kg	18.8	7.2	1	03/31/21 15:44	04/01/21 03:53	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	03/31/21 15:44	04/01/21 03:53	67-66-3	
Chloromethane	ND	ug/kg	18.8	7.9	1	03/31/21 15:44	04/01/21 03:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	03/31/21 15:44	04/01/21 03:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	03/31/21 15:44	04/01/21 03:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	03/31/21 15:44	04/01/21 03:53	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	03/31/21 15:44	04/01/21 03:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	03/31/21 15:44	04/01/21 03:53	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	03/31/21 15:44	04/01/21 03:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	03/31/21 15:44	04/01/21 03:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	03/31/21 15:44	04/01/21 03:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	03/31/21 15:44	04/01/21 03:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.8	4.1	1	03/31/21 15:44	04/01/21 03:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	03/31/21 15:44	04/01/21 03:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	03/31/21 15:44	04/01/21 03:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	03/31/21 15:44	04/01/21 03:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	03/31/21 15:44	04/01/21 03:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	03/31/21 15:44	04/01/21 03:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	03/31/21 15:44	04/01/21 03:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	03/31/21 15:44	04/01/21 03:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	03/31/21 15:44	04/01/21 03:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	03/31/21 15:44	04/01/21 03:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.6	1	03/31/21 15:44	04/01/21 03:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	03/31/21 15:44	04/01/21 03:53	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_0-0.6_20210329 **Lab ID:** 92530395005 Collected: 03/29/21 13:45 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	03/31/21 15:44	04/01/21 03:53	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	03/31/21 15:44	04/01/21 03:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.8	15.4	1	03/31/21 15:44	04/01/21 03:53	87-68-3	
2-Hexanone	ND	ug/kg	93.9	9.1	1	03/31/21 15:44	04/01/21 03:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	03/31/21 15:44	04/01/21 03:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	03/31/21 15:44	04/01/21 03:53	99-87-6	
Methylene Chloride	ND	ug/kg	37.6	25.7	1	03/31/21 15:44	04/01/21 03:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.9	9.1	1	03/31/21 15:44	04/01/21 03:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	03/31/21 15:44	04/01/21 03:53	1634-04-4	
Naphthalene	19.8	ug/kg	9.4	4.9	1	03/31/21 15:44	04/01/21 03:53	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	03/31/21 15:44	04/01/21 03:53	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	03/31/21 15:44	04/01/21 03:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	03/31/21 15:44	04/01/21 03:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	03/31/21 15:44	04/01/21 03:53	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	03/31/21 15:44	04/01/21 03:53	127-18-4	
Toluene	6.9J	ug/kg	9.4	2.7	1	03/31/21 15:44	04/01/21 03:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	03/31/21 15:44	04/01/21 03:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	03/31/21 15:44	04/01/21 03:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	03/31/21 15:44	04/01/21 03:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	03/31/21 15:44	04/01/21 03:53	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	03/31/21 15:44	04/01/21 03:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	03/31/21 15:44	04/01/21 03:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.8	1	03/31/21 15:44	04/01/21 03:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	03/31/21 15:44	04/01/21 03:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.2	1	03/31/21 15:44	04/01/21 03:53	108-67-8	
Vinyl acetate	ND	ug/kg	93.9	6.8	1	03/31/21 15:44	04/01/21 03:53	108-05-4	
Vinyl chloride	ND	ug/kg	18.8	4.8	1	03/31/21 15:44	04/01/21 03:53	75-01-4	
Xylene (Total)	ND	ug/kg	18.8	5.4	1	03/31/21 15:44	04/01/21 03:53	1330-20-7	
m&p-Xylene	ND	ug/kg	18.8	6.4	1	03/31/21 15:44	04/01/21 03:53	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.2	1	03/31/21 15:44	04/01/21 03:53	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/31/21 15:44	04/01/21 03:53	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/31/21 15:44	04/01/21 03:53	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/31/21 15:44	04/01/21 03:53	17060-07-0	
Percent Moisture Analytical Method: SW-846 Pace Analytical Services - Charlotte									
Percent Moisture	37.1	%	0.10	0.10	1		03/31/21 15:47		N2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_2-2.5_20210329 Lab ID: 92530395006 Collected: 03/29/21 14:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.7	18.2	1	04/02/21 14:48	04/05/21 12:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.7	19.2	1	04/02/21 14:48	04/05/21 12:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.7	17.4	1	04/02/21 14:48	04/05/21 12:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.7	9.4	1	04/02/21 14:48	04/05/21 12:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.7	12.4	1	04/02/21 14:48	04/05/21 12:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.7	9.3	1	04/02/21 14:48	04/05/21 12:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.7	11.9	1	04/02/21 14:48	04/05/21 12:56	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	92	%	10-160		1	04/02/21 14:48	04/05/21 12:56	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	6.9J	ug/kg	14.8	1.5	1	04/01/21 14:36	04/02/21 15:10	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/01/21 14:36	04/02/21 15:10	321-60-8	
Nitrobenzene-d5 (S)	107	%	32-130		1	04/01/21 14:36	04/02/21 15:10	4165-60-0	
Terphenyl-d14 (S)	74	%	24-130		1	04/01/21 14:36	04/02/21 15:10	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	492	173	1	04/01/21 16:17	04/05/21 13:01	83-32-9	
Acenaphthylene	ND	ug/kg	492	173	1	04/01/21 16:17	04/05/21 13:01	208-96-8	
Aniline	ND	ug/kg	492	192	1	04/01/21 16:17	04/05/21 13:01	62-53-3	
Anthracene	ND	ug/kg	492	161	1	04/01/21 16:17	04/05/21 13:01	120-12-7	
Benzo(a)anthracene	ND	ug/kg	492	164	1	04/01/21 16:17	04/05/21 13:01	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	492	164	1	04/01/21 16:17	04/05/21 13:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	492	191	1	04/01/21 16:17	04/05/21 13:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	492	173	1	04/01/21 16:17	04/05/21 13:01	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	04/01/21 16:17	04/05/21 13:01	65-85-0	
Benzyl alcohol	ND	ug/kg	984	373	1	04/01/21 16:17	04/05/21 13:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	492	189	1	04/01/21 16:17	04/05/21 13:01	101-55-3	
Butylbenzylphthalate	ND	ug/kg	492	207	1	04/01/21 16:17	04/05/21 13:01	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	984	346	1	04/01/21 16:17	04/05/21 13:01	59-50-7	
4-Chloroaniline	ND	ug/kg	984	386	1	04/01/21 16:17	04/05/21 13:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	492	204	1	04/01/21 16:17	04/05/21 13:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	492	185	1	04/01/21 16:17	04/05/21 13:01	111-44-4	
2-Chloronaphthalene	ND	ug/kg	492	195	1	04/01/21 16:17	04/05/21 13:01	91-58-7	
2-Chlorophenol	ND	ug/kg	492	185	1	04/01/21 16:17	04/05/21 13:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	492	183	1	04/01/21 16:17	04/05/21 13:01	7005-72-3	
Chrysene	ND	ug/kg	492	179	1	04/01/21 16:17	04/05/21 13:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	492	189	1	04/01/21 16:17	04/05/21 13:01	53-70-3	
Dibenzofuran	ND	ug/kg	492	177	1	04/01/21 16:17	04/05/21 13:01	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	984	332	1	04/01/21 16:17	04/05/21 13:01	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_2-2.5_20210329 **Lab ID: 92530395006** Collected: 03/29/21 14:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	492	192	1	04/01/21 16:17	04/05/21 13:01	120-83-2	
Diethylphthalate	ND	ug/kg	492	180	1	04/01/21 16:17	04/05/21 13:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	492	204	1	04/01/21 16:17	04/05/21 13:01	105-67-9	
Dimethylphthalate	ND	ug/kg	492	179	1	04/01/21 16:17	04/05/21 13:01	131-11-3	
Di-n-butylphthalate	ND	ug/kg	492	165	1	04/01/21 16:17	04/05/21 13:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	984	459	1	04/01/21 16:17	04/05/21 13:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	04/01/21 16:17	04/05/21 13:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	492	189	1	04/01/21 16:17	04/05/21 13:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	492	180	1	04/01/21 16:17	04/05/21 13:01	606-20-2	
Di-n-octylphthalate	ND	ug/kg	492	194	1	04/01/21 16:17	04/05/21 13:01	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	492	191	1	04/01/21 16:17	04/05/21 13:01	117-81-7	v1
Fluoranthene	ND	ug/kg	492	168	1	04/01/21 16:17	04/05/21 13:01	206-44-0	
Fluorene	ND	ug/kg	492	173	1	04/01/21 16:17	04/05/21 13:01	86-73-7	
Hexachlorobenzene	ND	ug/kg	492	192	1	04/01/21 16:17	04/05/21 13:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	492	282	1	04/01/21 16:17	04/05/21 13:01	77-47-4	v2
Hexachloroethane	ND	ug/kg	492	188	1	04/01/21 16:17	04/05/21 13:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	492	194	1	04/01/21 16:17	04/05/21 13:01	193-39-5	
Isophorone	ND	ug/kg	492	219	1	04/01/21 16:17	04/05/21 13:01	78-59-1	
1-Methylnaphthalene	ND	ug/kg	492	173	1	04/01/21 16:17	04/05/21 13:01	90-12-0	
2-Methylnaphthalene	ND	ug/kg	492	197	1	04/01/21 16:17	04/05/21 13:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	492	201	1	04/01/21 16:17	04/05/21 13:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	492	198	1	04/01/21 16:17	04/05/21 13:01	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	04/01/21 16:17	04/05/21 13:01	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2460	386	1	04/01/21 16:17	04/05/21 13:01	99-09-2	IL
4-Nitroaniline	ND	ug/kg	984	374	1	04/01/21 16:17	04/05/21 13:01	100-01-6	
Nitrobenzene	ND	ug/kg	492	228	1	04/01/21 16:17	04/05/21 13:01	98-95-3	v1
2-Nitrophenol	ND	ug/kg	492	213	1	04/01/21 16:17	04/05/21 13:01	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	951	1	04/01/21 16:17	04/05/21 13:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	492	165	1	04/01/21 16:17	04/05/21 13:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	492	185	1	04/01/21 16:17	04/05/21 13:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	492	174	1	04/01/21 16:17	04/05/21 13:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	492	234	1	04/01/21 16:17	04/05/21 13:01	108-60-1	v1
Pentachlorophenol	ND	ug/kg	984	481	1	04/01/21 16:17	04/05/21 13:01	87-86-5	v2
Phenanthrene	ND	ug/kg	492	161	1	04/01/21 16:17	04/05/21 13:01	85-01-8	
Phenol	ND	ug/kg	492	219	1	04/01/21 16:17	04/05/21 13:01	108-95-2	
Pyrene	ND	ug/kg	492	200	1	04/01/21 16:17	04/05/21 13:01	129-00-0	
Pyridine	ND	ug/kg	492	155	1	04/01/21 16:17	04/05/21 13:01	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	492	225	1	04/01/21 16:17	04/05/21 13:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	492	203	1	04/01/21 16:17	04/05/21 13:01	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	21-130		1	04/01/21 16:17	04/05/21 13:01	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	04/01/21 16:17	04/05/21 13:01	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/01/21 16:17	04/05/21 13:01	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	04/01/21 16:17	04/05/21 13:01	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_2-2.5_20210329 **Lab ID:** 92530395006 **Collected:** 03/29/21 14:00 **Received:** 03/30/21 12:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	67	%	18-130		1	04/01/21 16:17	04/05/21 13:01	367-12-4	
2,4,6-Tribromophenol (S)	63	%	18-130		1	04/01/21 16:17	04/05/21 13:01	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	193	62.0	1	03/31/21 15:44	04/01/21 04:11	67-64-1	
Benzene	ND	ug/kg	9.7	3.8	1	03/31/21 15:44	04/01/21 04:11	71-43-2	
Bromobenzene	ND	ug/kg	9.7	3.1	1	03/31/21 15:44	04/01/21 04:11	108-86-1	
Bromochloromethane	ND	ug/kg	9.7	2.9	1	03/31/21 15:44	04/01/21 04:11	74-97-5	
Bromodichloromethane	ND	ug/kg	9.7	3.7	1	03/31/21 15:44	04/01/21 04:11	75-27-4	
Bromoform	ND	ug/kg	9.7	3.4	1	03/31/21 15:44	04/01/21 04:11	75-25-2	
Bromomethane	ND	ug/kg	19.3	15.3	1	03/31/21 15:44	04/01/21 04:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	193	46.4	1	03/31/21 15:44	04/01/21 04:11	78-93-3	
n-Butylbenzene	ND	ug/kg	9.7	4.6	1	03/31/21 15:44	04/01/21 04:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.7	4.3	1	03/31/21 15:44	04/01/21 04:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.7	3.4	1	03/31/21 15:44	04/01/21 04:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.7	3.6	1	03/31/21 15:44	04/01/21 04:11	56-23-5	
Chlorobenzene	ND	ug/kg	9.7	1.9	1	03/31/21 15:44	04/01/21 04:11	108-90-7	
Chloroethane	ND	ug/kg	19.3	7.5	1	03/31/21 15:44	04/01/21 04:11	75-00-3	
Chloroform	ND	ug/kg	9.7	5.9	1	03/31/21 15:44	04/01/21 04:11	67-66-3	
Chloromethane	ND	ug/kg	19.3	8.1	1	03/31/21 15:44	04/01/21 04:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.7	3.4	1	03/31/21 15:44	04/01/21 04:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.7	1.7	1	03/31/21 15:44	04/01/21 04:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.7	3.7	1	03/31/21 15:44	04/01/21 04:11	96-12-8	
Dibromochloromethane	ND	ug/kg	9.7	5.4	1	03/31/21 15:44	04/01/21 04:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.7	4.3	1	03/31/21 15:44	04/01/21 04:11	106-93-4	
Dibromomethane	ND	ug/kg	9.7	2.1	1	03/31/21 15:44	04/01/21 04:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.7	3.5	1	03/31/21 15:44	04/01/21 04:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.7	3.0	1	03/31/21 15:44	04/01/21 04:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.7	2.5	1	03/31/21 15:44	04/01/21 04:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.3	4.2	1	03/31/21 15:44	04/01/21 04:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.7	4.0	1	03/31/21 15:44	04/01/21 04:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.7	6.4	1	03/31/21 15:44	04/01/21 04:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.7	4.0	1	03/31/21 15:44	04/01/21 04:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.7	3.3	1	03/31/21 15:44	04/01/21 04:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.7	3.4	1	03/31/21 15:44	04/01/21 04:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.7	2.9	1	03/31/21 15:44	04/01/21 04:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.7	3.0	1	03/31/21 15:44	04/01/21 04:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.7	3.1	1	03/31/21 15:44	04/01/21 04:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.7	4.6	1	03/31/21 15:44	04/01/21 04:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.7	2.6	1	03/31/21 15:44	04/01/21 04:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.7	3.3	1	03/31/21 15:44	04/01/21 04:11	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-8B_SE_2-2.5_20210329 **Lab ID: 92530395006** Collected: 03/29/21 14:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.7	2.6	1	03/31/21 15:44	04/01/21 04:11	108-20-3	
Ethylbenzene	ND	ug/kg	9.7	4.5	1	03/31/21 15:44	04/01/21 04:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.3	15.8	1	03/31/21 15:44	04/01/21 04:11	87-68-3	
2-Hexanone	ND	ug/kg	96.6	9.3	1	03/31/21 15:44	04/01/21 04:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.7	3.3	1	03/31/21 15:44	04/01/21 04:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.7	4.8	1	03/31/21 15:44	04/01/21 04:11	99-87-6	
Methylene Chloride	ND	ug/kg	38.6	26.5	1	03/31/21 15:44	04/01/21 04:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	96.6	9.3	1	03/31/21 15:44	04/01/21 04:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.7	3.6	1	03/31/21 15:44	04/01/21 04:11	1634-04-4	
Naphthalene	ND	ug/kg	9.7	5.1	1	03/31/21 15:44	04/01/21 04:11	91-20-3	
n-Propylbenzene	ND	ug/kg	9.7	3.4	1	03/31/21 15:44	04/01/21 04:11	103-65-1	
Styrene	ND	ug/kg	9.7	2.6	1	03/31/21 15:44	04/01/21 04:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.7	3.7	1	03/31/21 15:44	04/01/21 04:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.7	2.6	1	03/31/21 15:44	04/01/21 04:11	79-34-5	
Tetrachloroethene	ND	ug/kg	9.7	3.1	1	03/31/21 15:44	04/01/21 04:11	127-18-4	
Toluene	ND	ug/kg	9.7	2.7	1	03/31/21 15:44	04/01/21 04:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.7	7.8	1	03/31/21 15:44	04/01/21 04:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.7	8.1	1	03/31/21 15:44	04/01/21 04:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.7	5.0	1	03/31/21 15:44	04/01/21 04:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.7	3.2	1	03/31/21 15:44	04/01/21 04:11	79-00-5	
Trichloroethene	ND	ug/kg	9.7	2.5	1	03/31/21 15:44	04/01/21 04:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.7	5.3	1	03/31/21 15:44	04/01/21 04:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.7	4.9	1	03/31/21 15:44	04/01/21 04:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.7	2.6	1	03/31/21 15:44	04/01/21 04:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.7	3.2	1	03/31/21 15:44	04/01/21 04:11	108-67-8	
Vinyl acetate	ND	ug/kg	96.6	7.0	1	03/31/21 15:44	04/01/21 04:11	108-05-4	
Vinyl chloride	ND	ug/kg	19.3	4.9	1	03/31/21 15:44	04/01/21 04:11	75-01-4	
Xylene (Total)	ND	ug/kg	19.3	5.5	1	03/31/21 15:44	04/01/21 04:11	1330-20-7	
m&p-Xylene	ND	ug/kg	19.3	6.6	1	03/31/21 15:44	04/01/21 04:11	179601-23-1	
o-Xylene	ND	ug/kg	9.7	4.3	1	03/31/21 15:44	04/01/21 04:11	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	03/31/21 15:44	04/01/21 04:11	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	03/31/21 15:44	04/01/21 04:11	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	03/31/21 15:44	04/01/21 04:11	17060-07-0	

Percent Moisture Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	32.9	%	0.10	0.10	1		03/31/21 15:47		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-9_SE_0-0.6_20210329 **Lab ID: 92530395007** Collected: 03/29/21 15:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	70.0	25.6	1	04/02/21 14:48	04/05/21 13:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	70.0	27.0	1	04/02/21 14:48	04/05/21 13:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	70.0	24.5	1	04/02/21 14:48	04/05/21 13:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	70.0	13.2	1	04/02/21 14:48	04/05/21 13:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	70.0	17.5	1	04/02/21 14:48	04/05/21 13:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	70.0	13.2	1	04/02/21 14:48	04/05/21 13:10	11097-69-1	
PCB-1260 (Aroclor 1260)	90.1	ug/kg	70.0	16.7	1	04/02/21 14:48	04/05/21 13:10	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	67	%	10-160		1	04/02/21 14:48	04/05/21 13:10	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	299	ug/kg	21.1	2.2	1	04/01/21 14:36	04/02/21 15:30	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/01/21 14:36	04/02/21 15:30	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	04/01/21 14:36	04/02/21 15:30	4165-60-0	
Terphenyl-d14 (S)	52	%	24-130		1	04/01/21 14:36	04/02/21 15:30	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	688	242	1	04/01/21 16:17	04/05/21 13:26	83-32-9	
Acenaphthylene	ND	ug/kg	688	242	1	04/01/21 16:17	04/05/21 13:26	208-96-8	
Aniline	ND	ug/kg	688	269	1	04/01/21 16:17	04/05/21 13:26	62-53-3	
Anthracene	ND	ug/kg	688	225	1	04/01/21 16:17	04/05/21 13:26	120-12-7	
Benzo(a)anthracene	244J	ug/kg	688	229	1	04/01/21 16:17	04/05/21 13:26	56-55-3	
Benzo(b)fluoranthene	317J	ug/kg	688	229	1	04/01/21 16:17	04/05/21 13:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	688	267	1	04/01/21 16:17	04/05/21 13:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	688	242	1	04/01/21 16:17	04/05/21 13:26	207-08-9	
Benzoic Acid	ND	ug/kg	3440	1480	1	04/01/21 16:17	04/05/21 13:26	65-85-0	
Benzyl alcohol	ND	ug/kg	1380	521	1	04/01/21 16:17	04/05/21 13:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	688	265	1	04/01/21 16:17	04/05/21 13:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	688	290	1	04/01/21 16:17	04/05/21 13:26	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	1380	484	1	04/01/21 16:17	04/05/21 13:26	59-50-7	
4-Chloroaniline	ND	ug/kg	1380	540	1	04/01/21 16:17	04/05/21 13:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	688	286	1	04/01/21 16:17	04/05/21 13:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	688	258	1	04/01/21 16:17	04/05/21 13:26	111-44-4	
2-Chloronaphthalene	ND	ug/kg	688	273	1	04/01/21 16:17	04/05/21 13:26	91-58-7	
2-Chlorophenol	ND	ug/kg	688	258	1	04/01/21 16:17	04/05/21 13:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	688	256	1	04/01/21 16:17	04/05/21 13:26	7005-72-3	
Chrysene	ND	ug/kg	688	250	1	04/01/21 16:17	04/05/21 13:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	688	265	1	04/01/21 16:17	04/05/21 13:26	53-70-3	
Dibenzofuran	ND	ug/kg	688	248	1	04/01/21 16:17	04/05/21 13:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1380	465	1	04/01/21 16:17	04/05/21 13:26	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-9_SE_0-0.6_20210329 Lab ID: 92530395007 Collected: 03/29/21 15:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	688	269	1	04/01/21 16:17	04/05/21 13:26	120-83-2	
Diethylphthalate	ND	ug/kg	688	252	1	04/01/21 16:17	04/05/21 13:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	688	286	1	04/01/21 16:17	04/05/21 13:26	105-67-9	
Dimethylphthalate	ND	ug/kg	688	250	1	04/01/21 16:17	04/05/21 13:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	688	231	1	04/01/21 16:17	04/05/21 13:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1380	642	1	04/01/21 16:17	04/05/21 13:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3440	2130	1	04/01/21 16:17	04/05/21 13:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	688	265	1	04/01/21 16:17	04/05/21 13:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	688	252	1	04/01/21 16:17	04/05/21 13:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	688	271	1	04/01/21 16:17	04/05/21 13:26	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	688	267	1	04/01/21 16:17	04/05/21 13:26	117-81-7	v1
Fluoranthene	343J	ug/kg	688	236	1	04/01/21 16:17	04/05/21 13:26	206-44-0	
Fluorene	ND	ug/kg	688	242	1	04/01/21 16:17	04/05/21 13:26	86-73-7	
Hexachlorobenzene	ND	ug/kg	688	269	1	04/01/21 16:17	04/05/21 13:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	688	394	1	04/01/21 16:17	04/05/21 13:26	77-47-4	v2
Hexachloroethane	ND	ug/kg	688	263	1	04/01/21 16:17	04/05/21 13:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	688	271	1	04/01/21 16:17	04/05/21 13:26	193-39-5	
Isophorone	ND	ug/kg	688	306	1	04/01/21 16:17	04/05/21 13:26	78-59-1	
1-Methylnaphthalene	ND	ug/kg	688	242	1	04/01/21 16:17	04/05/21 13:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	688	275	1	04/01/21 16:17	04/05/21 13:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	688	281	1	04/01/21 16:17	04/05/21 13:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	688	277	1	04/01/21 16:17	04/05/21 13:26	15831-10-4	
2-Nitroaniline	ND	ug/kg	3440	563	1	04/01/21 16:17	04/05/21 13:26	88-74-4	v1
3-Nitroaniline	ND	ug/kg	3440	540	1	04/01/21 16:17	04/05/21 13:26	99-09-2	IL
4-Nitroaniline	ND	ug/kg	1380	523	1	04/01/21 16:17	04/05/21 13:26	100-01-6	
Nitrobenzene	ND	ug/kg	688	319	1	04/01/21 16:17	04/05/21 13:26	98-95-3	v1
2-Nitrophenol	ND	ug/kg	688	298	1	04/01/21 16:17	04/05/21 13:26	88-75-5	
4-Nitrophenol	ND	ug/kg	3440	1330	1	04/01/21 16:17	04/05/21 13:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	688	231	1	04/01/21 16:17	04/05/21 13:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	688	258	1	04/01/21 16:17	04/05/21 13:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	688	244	1	04/01/21 16:17	04/05/21 13:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	688	327	1	04/01/21 16:17	04/05/21 13:26	108-60-1	v1
Pentachlorophenol	ND	ug/kg	1380	673	1	04/01/21 16:17	04/05/21 13:26	87-86-5	v2
Phenanthrene	ND	ug/kg	688	225	1	04/01/21 16:17	04/05/21 13:26	85-01-8	
Phenol	ND	ug/kg	688	306	1	04/01/21 16:17	04/05/21 13:26	108-95-2	
Pyrene	377J	ug/kg	688	279	1	04/01/21 16:17	04/05/21 13:26	129-00-0	
Pyridine	ND	ug/kg	688	217	1	04/01/21 16:17	04/05/21 13:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	688	315	1	04/01/21 16:17	04/05/21 13:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	688	283	1	04/01/21 16:17	04/05/21 13:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/01/21 16:17	04/05/21 13:26	4165-60-0	
2-Fluorobiphenyl (S)	35	%	19-130		1	04/01/21 16:17	04/05/21 13:26	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/01/21 16:17	04/05/21 13:26	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/01/21 16:17	04/05/21 13:26	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Sample: DA4-SB-9_SE_0-0.6_20210329 **Lab ID: 92530395007** Collected: 03/29/21 15:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	70	%	18-130		1	04/01/21 16:17	04/05/21 13:26	367-12-4	
2,4,6-Tribromophenol (S)	67	%	18-130		1	04/01/21 16:17	04/05/21 13:26	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	206J	ug/kg	333	107	1	03/31/21 15:44	04/01/21 04:29	67-64-1	
Benzene	ND	ug/kg	16.6	6.6	1	03/31/21 15:44	04/01/21 04:29	71-43-2	
Bromobenzene	ND	ug/kg	16.6	5.4	1	03/31/21 15:44	04/01/21 04:29	108-86-1	
Bromochloromethane	ND	ug/kg	16.6	4.9	1	03/31/21 15:44	04/01/21 04:29	74-97-5	
Bromodichloromethane	ND	ug/kg	16.6	6.4	1	03/31/21 15:44	04/01/21 04:29	75-27-4	
Bromoform	ND	ug/kg	16.6	5.9	1	03/31/21 15:44	04/01/21 04:29	75-25-2	
Bromomethane	ND	ug/kg	33.3	26.3	1	03/31/21 15:44	04/01/21 04:29	74-83-9	
2-Butanone (MEK)	80.1J	ug/kg	333	79.9	1	03/31/21 15:44	04/01/21 04:29	78-93-3	
n-Butylbenzene	ND	ug/kg	16.6	7.9	1	03/31/21 15:44	04/01/21 04:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.6	7.3	1	03/31/21 15:44	04/01/21 04:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.6	5.9	1	03/31/21 15:44	04/01/21 04:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	16.6	6.2	1	03/31/21 15:44	04/01/21 04:29	56-23-5	
Chlorobenzene	ND	ug/kg	16.6	3.2	1	03/31/21 15:44	04/01/21 04:29	108-90-7	
Chloroethane	ND	ug/kg	33.3	12.8	1	03/31/21 15:44	04/01/21 04:29	75-00-3	
Chloroform	ND	ug/kg	16.6	10.1	1	03/31/21 15:44	04/01/21 04:29	67-66-3	
Chloromethane	ND	ug/kg	33.3	14.0	1	03/31/21 15:44	04/01/21 04:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	16.6	5.9	1	03/31/21 15:44	04/01/21 04:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.6	2.9	1	03/31/21 15:44	04/01/21 04:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.6	6.5	1	03/31/21 15:44	04/01/21 04:29	96-12-8	
Dibromochloromethane	ND	ug/kg	16.6	9.4	1	03/31/21 15:44	04/01/21 04:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.6	7.3	1	03/31/21 15:44	04/01/21 04:29	106-93-4	
Dibromomethane	ND	ug/kg	16.6	3.6	1	03/31/21 15:44	04/01/21 04:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.6	6.0	1	03/31/21 15:44	04/01/21 04:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.6	5.2	1	03/31/21 15:44	04/01/21 04:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.6	4.3	1	03/31/21 15:44	04/01/21 04:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	33.3	7.2	1	03/31/21 15:44	04/01/21 04:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.6	6.9	1	03/31/21 15:44	04/01/21 04:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.6	11.0	1	03/31/21 15:44	04/01/21 04:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.6	6.9	1	03/31/21 15:44	04/01/21 04:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.6	5.7	1	03/31/21 15:44	04/01/21 04:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.6	5.8	1	03/31/21 15:44	04/01/21 04:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.6	5.0	1	03/31/21 15:44	04/01/21 04:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.6	5.2	1	03/31/21 15:44	04/01/21 04:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.6	5.4	1	03/31/21 15:44	04/01/21 04:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.6	8.0	1	03/31/21 15:44	04/01/21 04:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.6	4.5	1	03/31/21 15:44	04/01/21 04:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.6	5.7	1	03/31/21 15:44	04/01/21 04:29	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-9_SE_0-0.6_20210329 Lab ID: 92530395007 Collected: 03/29/21 15:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	16.6	4.5	1	03/31/21 15:44	04/01/21 04:29	108-20-3	
Ethylbenzene	10.1J	ug/kg	16.6	7.8	1	03/31/21 15:44	04/01/21 04:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	33.3	27.2	1	03/31/21 15:44	04/01/21 04:29	87-68-3	
2-Hexanone	ND	ug/kg	166	16.0	1	03/31/21 15:44	04/01/21 04:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	16.6	5.7	1	03/31/21 15:44	04/01/21 04:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	16.6	8.2	1	03/31/21 15:44	04/01/21 04:29	99-87-6	
Methylene Chloride	ND	ug/kg	66.6	45.6	1	03/31/21 15:44	04/01/21 04:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	166	16.0	1	03/31/21 15:44	04/01/21 04:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.6	6.2	1	03/31/21 15:44	04/01/21 04:29	1634-04-4	
Naphthalene	147	ug/kg	16.6	8.8	1	03/31/21 15:44	04/01/21 04:29	91-20-3	
n-Propylbenzene	ND	ug/kg	16.6	5.9	1	03/31/21 15:44	04/01/21 04:29	103-65-1	
Styrene	ND	ug/kg	16.6	4.4	1	03/31/21 15:44	04/01/21 04:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.6	6.4	1	03/31/21 15:44	04/01/21 04:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.6	4.4	1	03/31/21 15:44	04/01/21 04:29	79-34-5	
Tetrachloroethene	ND	ug/kg	16.6	5.3	1	03/31/21 15:44	04/01/21 04:29	127-18-4	
Toluene	23.6	ug/kg	16.6	4.7	1	03/31/21 15:44	04/01/21 04:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.6	13.4	1	03/31/21 15:44	04/01/21 04:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.6	14.0	1	03/31/21 15:44	04/01/21 04:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.6	8.7	1	03/31/21 15:44	04/01/21 04:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.6	5.5	1	03/31/21 15:44	04/01/21 04:29	79-00-5	
Trichloroethene	ND	ug/kg	16.6	4.3	1	03/31/21 15:44	04/01/21 04:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.6	9.2	1	03/31/21 15:44	04/01/21 04:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.6	8.4	1	03/31/21 15:44	04/01/21 04:29	96-18-4	
1,2,4-Trimethylbenzene	10J	ug/kg	16.6	4.6	1	03/31/21 15:44	04/01/21 04:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.6	5.6	1	03/31/21 15:44	04/01/21 04:29	108-67-8	
Vinyl acetate	ND	ug/kg	166	12.1	1	03/31/21 15:44	04/01/21 04:29	108-05-4	
Vinyl chloride	ND	ug/kg	33.3	8.5	1	03/31/21 15:44	04/01/21 04:29	75-01-4	
Xylene (Total)	18.3J	ug/kg	33.3	9.5	1	03/31/21 15:44	04/01/21 04:29	1330-20-7	
m&p-Xylene	18.3J	ug/kg	33.3	11.4	1	03/31/21 15:44	04/01/21 04:29	179601-23-1	
o-Xylene	ND	ug/kg	16.6	7.4	1	03/31/21 15:44	04/01/21 04:29	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/31/21 15:44	04/01/21 04:29	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	03/31/21 15:44	04/01/21 04:29	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/31/21 15:44	04/01/21 04:29	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	52.0	%	0.10	0.10	1	03/31/21 15:47			N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-9_SE_7-8_20210329 **Lab ID:** 92530395008 Collected: 03/29/21 16:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	44.8	16.4	1	04/02/21 14:48	04/05/21 13:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	44.8	17.3	1	04/02/21 14:48	04/05/21 13:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	44.8	15.7	1	04/02/21 14:48	04/05/21 13:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	44.8	8.4	1	04/02/21 14:48	04/05/21 13:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	44.8	11.2	1	04/02/21 14:48	04/05/21 13:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	44.8	8.4	1	04/02/21 14:48	04/05/21 13:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	44.8	10.7	1	04/02/21 14:48	04/05/21 13:24	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	46	%	10-160		1	04/02/21 14:48	04/05/21 13:24	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	174	ug/kg	13.6	1.4	1	04/01/21 14:36	04/02/21 15:50	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	86	%	31-130		1	04/01/21 14:36	04/02/21 15:50	321-60-8	
Nitrobenzene-d5 (S)	120	%	32-130		1	04/01/21 14:36	04/02/21 15:50	4165-60-0	
Terphenyl-d14 (S)	66	%	24-130		1	04/01/21 14:36	04/02/21 15:50	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	448	158	1	04/01/21 16:17	04/05/21 13:53	83-32-9	
Acenaphthylene	ND	ug/kg	448	158	1	04/01/21 16:17	04/05/21 13:53	208-96-8	
Aniline	ND	ug/kg	448	175	1	04/01/21 16:17	04/05/21 13:53	62-53-3	
Anthracene	223J	ug/kg	448	147	1	04/01/21 16:17	04/05/21 13:53	120-12-7	
Benzo(a)anthracene	236J	ug/kg	448	149	1	04/01/21 16:17	04/05/21 13:53	56-55-3	
Benzo(b)fluoranthene	220J	ug/kg	448	149	1	04/01/21 16:17	04/05/21 13:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	448	174	1	04/01/21 16:17	04/05/21 13:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	448	158	1	04/01/21 16:17	04/05/21 13:53	207-08-9	
Benzoic Acid	ND	ug/kg	2240	963	1	04/01/21 16:17	04/05/21 13:53	65-85-0	
Benzyl alcohol	ND	ug/kg	897	340	1	04/01/21 16:17	04/05/21 13:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	448	173	1	04/01/21 16:17	04/05/21 13:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	448	189	1	04/01/21 16:17	04/05/21 13:53	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	897	315	1	04/01/21 16:17	04/05/21 13:53	59-50-7	
4-Chloroaniline	ND	ug/kg	897	352	1	04/01/21 16:17	04/05/21 13:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	448	186	1	04/01/21 16:17	04/05/21 13:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	448	168	1	04/01/21 16:17	04/05/21 13:53	111-44-4	
2-Chloronaphthalene	ND	ug/kg	448	178	1	04/01/21 16:17	04/05/21 13:53	91-58-7	
2-Chlorophenol	ND	ug/kg	448	168	1	04/01/21 16:17	04/05/21 13:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	448	167	1	04/01/21 16:17	04/05/21 13:53	7005-72-3	
Chrysene	210J	ug/kg	448	163	1	04/01/21 16:17	04/05/21 13:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	448	173	1	04/01/21 16:17	04/05/21 13:53	53-70-3	
Dibenzofuran	ND	ug/kg	448	162	1	04/01/21 16:17	04/05/21 13:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	897	303	1	04/01/21 16:17	04/05/21 13:53	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-9_SE_7-8_20210329 **Lab ID:** 92530395008 Collected: 03/29/21 16:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	448	175	1	04/01/21 16:17	04/05/21 13:53	120-83-2	
Diethylphthalate	ND	ug/kg	448	164	1	04/01/21 16:17	04/05/21 13:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	448	186	1	04/01/21 16:17	04/05/21 13:53	105-67-9	
Dimethylphthalate	ND	ug/kg	448	163	1	04/01/21 16:17	04/05/21 13:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	448	151	1	04/01/21 16:17	04/05/21 13:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	897	418	1	04/01/21 16:17	04/05/21 13:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2240	1390	1	04/01/21 16:17	04/05/21 13:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	448	173	1	04/01/21 16:17	04/05/21 13:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	448	164	1	04/01/21 16:17	04/05/21 13:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	448	177	1	04/01/21 16:17	04/05/21 13:53	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	448	174	1	04/01/21 16:17	04/05/21 13:53	117-81-7	v1
Fluoranthene	536	ug/kg	448	154	1	04/01/21 16:17	04/05/21 13:53	206-44-0	
Fluorene	ND	ug/kg	448	158	1	04/01/21 16:17	04/05/21 13:53	86-73-7	
Hexachlorobenzene	ND	ug/kg	448	175	1	04/01/21 16:17	04/05/21 13:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	448	257	1	04/01/21 16:17	04/05/21 13:53	77-47-4	v2
Hexachloroethane	ND	ug/kg	448	171	1	04/01/21 16:17	04/05/21 13:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	448	177	1	04/01/21 16:17	04/05/21 13:53	193-39-5	
Isophorone	ND	ug/kg	448	200	1	04/01/21 16:17	04/05/21 13:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	448	158	1	04/01/21 16:17	04/05/21 13:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	448	179	1	04/01/21 16:17	04/05/21 13:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	448	183	1	04/01/21 16:17	04/05/21 13:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	448	181	1	04/01/21 16:17	04/05/21 13:53	15831-10-4	
2-Nitroaniline	ND	ug/kg	2240	367	1	04/01/21 16:17	04/05/21 13:53	88-74-4	v1
3-Nitroaniline	ND	ug/kg	2240	352	1	04/01/21 16:17	04/05/21 13:53	99-09-2	IL
4-Nitroaniline	ND	ug/kg	897	341	1	04/01/21 16:17	04/05/21 13:53	100-01-6	
Nitrobenzene	ND	ug/kg	448	208	1	04/01/21 16:17	04/05/21 13:53	98-95-3	v1
2-Nitrophenol	ND	ug/kg	448	194	1	04/01/21 16:17	04/05/21 13:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2240	867	1	04/01/21 16:17	04/05/21 13:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	448	151	1	04/01/21 16:17	04/05/21 13:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	448	168	1	04/01/21 16:17	04/05/21 13:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	448	159	1	04/01/21 16:17	04/05/21 13:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	448	213	1	04/01/21 16:17	04/05/21 13:53	108-60-1	v1
Pentachlorophenol	ND	ug/kg	897	439	1	04/01/21 16:17	04/05/21 13:53	87-86-5	v2
Phenanthrene	530	ug/kg	448	147	1	04/01/21 16:17	04/05/21 13:53	85-01-8	
Phenol	ND	ug/kg	448	200	1	04/01/21 16:17	04/05/21 13:53	108-95-2	
Pyrene	507	ug/kg	448	182	1	04/01/21 16:17	04/05/21 13:53	129-00-0	
Pyridine	ND	ug/kg	448	141	1	04/01/21 16:17	04/05/21 13:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	448	205	1	04/01/21 16:17	04/05/21 13:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	448	185	1	04/01/21 16:17	04/05/21 13:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	21-130		1	04/01/21 16:17	04/05/21 13:53	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/01/21 16:17	04/05/21 13:53	321-60-8	
Terphenyl-d14 (S)	38	%	15-130		1	04/01/21 16:17	04/05/21 13:53	1718-51-0	
Phenol-d6 (S)	67	%	18-130		1	04/01/21 16:17	04/05/21 13:53	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-9_SE_7-8_20210329 **Lab ID:** 92530395008 Collected: 03/29/21 16:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	67	%	18-130		1	04/01/21 16:17	04/05/21 13:53	367-12-4	
2,4,6-Tribromophenol (S)	75	%	18-130		1	04/01/21 16:17	04/05/21 13:53	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	154	49.3	1	03/31/21 15:44	04/01/21 04:47	67-64-1	
Benzene	ND	ug/kg	7.7	3.1	1	03/31/21 15:44	04/01/21 04:47	71-43-2	
Bromobenzene	ND	ug/kg	7.7	2.5	1	03/31/21 15:44	04/01/21 04:47	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	2.3	1	03/31/21 15:44	04/01/21 04:47	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	3.0	1	03/31/21 15:44	04/01/21 04:47	75-27-4	
Bromoform	ND	ug/kg	7.7	2.7	1	03/31/21 15:44	04/01/21 04:47	75-25-2	
Bromomethane	ND	ug/kg	15.4	12.1	1	03/31/21 15:44	04/01/21 04:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	154	36.9	1	03/31/21 15:44	04/01/21 04:47	78-93-3	
n-Butylbenzene	ND	ug/kg	7.7	3.6	1	03/31/21 15:44	04/01/21 04:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.7	3.4	1	03/31/21 15:44	04/01/21 04:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.7	2.7	1	03/31/21 15:44	04/01/21 04:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.7	2.9	1	03/31/21 15:44	04/01/21 04:47	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	1.5	1	03/31/21 15:44	04/01/21 04:47	108-90-7	
Chloroethane	ND	ug/kg	15.4	5.9	1	03/31/21 15:44	04/01/21 04:47	75-00-3	
Chloroform	ND	ug/kg	7.7	4.7	1	03/31/21 15:44	04/01/21 04:47	67-66-3	
Chloromethane	ND	ug/kg	15.4	6.4	1	03/31/21 15:44	04/01/21 04:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.7	2.7	1	03/31/21 15:44	04/01/21 04:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.7	1.4	1	03/31/21 15:44	04/01/21 04:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	3.0	1	03/31/21 15:44	04/01/21 04:47	96-12-8	
Dibromochloromethane	ND	ug/kg	7.7	4.3	1	03/31/21 15:44	04/01/21 04:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	3.4	1	03/31/21 15:44	04/01/21 04:47	106-93-4	
Dibromomethane	ND	ug/kg	7.7	1.6	1	03/31/21 15:44	04/01/21 04:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.7	2.8	1	03/31/21 15:44	04/01/21 04:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.7	2.4	1	03/31/21 15:44	04/01/21 04:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.7	2.0	1	03/31/21 15:44	04/01/21 04:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.4	3.3	1	03/31/21 15:44	04/01/21 04:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.7	3.2	1	03/31/21 15:44	04/01/21 04:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.7	5.1	1	03/31/21 15:44	04/01/21 04:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.7	3.2	1	03/31/21 15:44	04/01/21 04:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.7	2.6	1	03/31/21 15:44	04/01/21 04:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	2.7	1	03/31/21 15:44	04/01/21 04:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.7	2.3	1	03/31/21 15:44	04/01/21 04:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.7	2.4	1	03/31/21 15:44	04/01/21 04:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.7	2.5	1	03/31/21 15:44	04/01/21 04:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.7	3.7	1	03/31/21 15:44	04/01/21 04:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	2.1	1	03/31/21 15:44	04/01/21 04:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	2.6	1	03/31/21 15:44	04/01/21 04:47	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: DA4-SB-9_SE_7-8_20210329 **Lab ID:** 92530395008 Collected: 03/29/21 16:15 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	7.7	2.1	1	03/31/21 15:44	04/01/21 04:47	108-20-3	
Ethylbenzene	ND	ug/kg	7.7	3.6	1	03/31/21 15:44	04/01/21 04:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.4	12.6	1	03/31/21 15:44	04/01/21 04:47	87-68-3	
2-Hexanone	ND	ug/kg	76.8	7.4	1	03/31/21 15:44	04/01/21 04:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	2.6	1	03/31/21 15:44	04/01/21 04:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.7	3.8	1	03/31/21 15:44	04/01/21 04:47	99-87-6	
Methylene Chloride	ND	ug/kg	30.7	21.0	1	03/31/21 15:44	04/01/21 04:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	76.8	7.4	1	03/31/21 15:44	04/01/21 04:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.7	2.9	1	03/31/21 15:44	04/01/21 04:47	1634-04-4	
Naphthalene	14.2	ug/kg	7.7	4.0	1	03/31/21 15:44	04/01/21 04:47	91-20-3	
n-Propylbenzene	ND	ug/kg	7.7	2.7	1	03/31/21 15:44	04/01/21 04:47	103-65-1	
Styrene	ND	ug/kg	7.7	2.0	1	03/31/21 15:44	04/01/21 04:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	2.9	1	03/31/21 15:44	04/01/21 04:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	2.0	1	03/31/21 15:44	04/01/21 04:47	79-34-5	
Tetrachloroethene	ND	ug/kg	7.7	2.4	1	03/31/21 15:44	04/01/21 04:47	127-18-4	
Toluene	6.6J	ug/kg	7.7	2.2	1	03/31/21 15:44	04/01/21 04:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	6.2	1	03/31/21 15:44	04/01/21 04:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	6.4	1	03/31/21 15:44	04/01/21 04:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.7	4.0	1	03/31/21 15:44	04/01/21 04:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.7	2.5	1	03/31/21 15:44	04/01/21 04:47	79-00-5	
Trichloroethene	ND	ug/kg	7.7	2.0	1	03/31/21 15:44	04/01/21 04:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	4.2	1	03/31/21 15:44	04/01/21 04:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.7	3.9	1	03/31/21 15:44	04/01/21 04:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	2.1	1	03/31/21 15:44	04/01/21 04:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	2.6	1	03/31/21 15:44	04/01/21 04:47	108-67-8	
Vinyl acetate	ND	ug/kg	76.8	5.6	1	03/31/21 15:44	04/01/21 04:47	108-05-4	
Vinyl chloride	ND	ug/kg	15.4	3.9	1	03/31/21 15:44	04/01/21 04:47	75-01-4	
Xylene (Total)	ND	ug/kg	15.4	4.4	1	03/31/21 15:44	04/01/21 04:47	1330-20-7	
m&p-Xylene	ND	ug/kg	15.4	5.3	1	03/31/21 15:44	04/01/21 04:47	179601-23-1	
o-Xylene	ND	ug/kg	7.7	3.4	1	03/31/21 15:44	04/01/21 04:47	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/31/21 15:44	04/01/21 04:47	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	03/31/21 15:44	04/01/21 04:47	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	03/31/21 15:44	04/01/21 04:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	26.4	%	0.10	0.10	1		03/31/21 15:48		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: FD-2_SE_20210329 **Lab ID: 92530395009** Collected: 03/29/21 00:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	55.1	20.2	1	04/02/21 14:48	04/05/21 13:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	55.1	21.2	1	04/02/21 14:48	04/05/21 13:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	55.1	19.3	1	04/02/21 14:48	04/05/21 13:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	55.1	10.4	1	04/02/21 14:48	04/05/21 13:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	55.1	13.8	1	04/02/21 14:48	04/05/21 13:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	55.1	10.4	1	04/02/21 14:48	04/05/21 13:39	11097-69-1	
PCB-1260 (Aroclor 1260)	34.6J	ug/kg	55.1	13.2	1	04/02/21 14:48	04/05/21 13:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	75	%	10-160		1	04/02/21 14:48	04/05/21 13:39	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	480	ug/kg	16.8	1.7	1	04/01/21 14:36	04/02/21 16:10	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	83	%	31-130		1	04/01/21 14:36	04/02/21 16:10	321-60-8	
Nitrobenzene-d5 (S)	95	%	32-130		1	04/01/21 14:36	04/02/21 16:10	4165-60-0	
Terphenyl-d14 (S)	84	%	24-130		1	04/01/21 14:36	04/02/21 16:10	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	2740	965	5	04/01/21 16:17	04/05/21 17:29	83-32-9	
Acenaphthylene	ND	ug/kg	2740	965	5	04/01/21 16:17	04/05/21 17:29	208-96-8	
Aniline	ND	ug/kg	2740	1070	5	04/01/21 16:17	04/05/21 17:29	62-53-3	
Anthracene	2590J	ug/kg	2740	898	5	04/01/21 16:17	04/05/21 17:29	120-12-7	
Benzo(a)anthracene	5930	ug/kg	2740	915	5	04/01/21 16:17	04/05/21 17:29	56-55-3	
Benzo(b)fluoranthene	5240	ug/kg	2740	915	5	04/01/21 16:17	04/05/21 17:29	205-99-2	
Benzo(g,h,i)perylene	2350J	ug/kg	2740	1060	5	04/01/21 16:17	04/05/21 17:29	191-24-2	
Benzo(k)fluoranthene	1980J	ug/kg	2740	965	5	04/01/21 16:17	04/05/21 17:29	207-08-9	
Benzoic Acid	ND	ug/kg	13700	5900	5	04/01/21 16:17	04/05/21 17:29	65-85-0	
Benzyl alcohol	ND	ug/kg	5490	2080	5	04/01/21 16:17	04/05/21 17:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2740	1060	5	04/01/21 16:17	04/05/21 17:29	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2740	1160	5	04/01/21 16:17	04/05/21 17:29	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	5490	1930	5	04/01/21 16:17	04/05/21 17:29	59-50-7	
4-Chloroaniline	ND	ug/kg	5490	2150	5	04/01/21 16:17	04/05/21 17:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2740	1140	5	04/01/21 16:17	04/05/21 17:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2740	1030	5	04/01/21 16:17	04/05/21 17:29	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2740	1090	5	04/01/21 16:17	04/05/21 17:29	91-58-7	
2-Chlorophenol	ND	ug/kg	2740	1030	5	04/01/21 16:17	04/05/21 17:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2740	1020	5	04/01/21 16:17	04/05/21 17:29	7005-72-3	
Chrysene	4730	ug/kg	2740	998	5	04/01/21 16:17	04/05/21 17:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2740	1060	5	04/01/21 16:17	04/05/21 17:29	53-70-3	
Dibenzofuran	ND	ug/kg	2740	990	5	04/01/21 16:17	04/05/21 17:29	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5490	1850	5	04/01/21 16:17	04/05/21 17:29	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	2740	1070	5	04/01/21 16:17	04/05/21 17:29	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: FD-2_SE_20210329 **Lab ID: 92530395009** Collected: 03/29/21 00:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	2740	1010	5	04/01/21 16:17	04/05/21 17:29	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2740	1140	5	04/01/21 16:17	04/05/21 17:29	105-67-9	
Dimethylphthalate	ND	ug/kg	2740	998	5	04/01/21 16:17	04/05/21 17:29	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2740	923	5	04/01/21 16:17	04/05/21 17:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5490	2560	5	04/01/21 16:17	04/05/21 17:29	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	13700	8480	5	04/01/21 16:17	04/05/21 17:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2740	1060	5	04/01/21 16:17	04/05/21 17:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	2740	1010	5	04/01/21 16:17	04/05/21 17:29	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2740	1080	5	04/01/21 16:17	04/05/21 17:29	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2740	1060	5	04/01/21 16:17	04/05/21 17:29	117-81-7	v1
Fluoranthene	12200	ug/kg	2740	940	5	04/01/21 16:17	04/05/21 17:29	206-44-0	
Fluorene	ND	ug/kg	2740	965	5	04/01/21 16:17	04/05/21 17:29	86-73-7	
Hexachlorobenzene	ND	ug/kg	2740	1070	5	04/01/21 16:17	04/05/21 17:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2740	1570	5	04/01/21 16:17	04/05/21 17:29	77-47-4	v2
Hexachloroethane	ND	ug/kg	2740	1050	5	04/01/21 16:17	04/05/21 17:29	67-72-1	
Indeno(1,2,3-cd)pyrene	2260J	ug/kg	2740	1080	5	04/01/21 16:17	04/05/21 17:29	193-39-5	
Isophorone	ND	ug/kg	2740	1220	5	04/01/21 16:17	04/05/21 17:29	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2740	965	5	04/01/21 16:17	04/05/21 17:29	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2740	1100	5	04/01/21 16:17	04/05/21 17:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2740	1120	5	04/01/21 16:17	04/05/21 17:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2740	1110	5	04/01/21 16:17	04/05/21 17:29	15831-10-4	
2-Nitroaniline	ND	ug/kg	13700	2250	5	04/01/21 16:17	04/05/21 17:29	88-74-4	v1
3-Nitroaniline	ND	ug/kg	13700	2150	5	04/01/21 16:17	04/05/21 17:29	99-09-2	IL
4-Nitroaniline	ND	ug/kg	5490	2090	5	04/01/21 16:17	04/05/21 17:29	100-01-6	
Nitrobenzene	ND	ug/kg	2740	1270	5	04/01/21 16:17	04/05/21 17:29	98-95-3	v1
2-Nitrophenol	ND	ug/kg	2740	1190	5	04/01/21 16:17	04/05/21 17:29	88-75-5	
4-Nitrophenol	ND	ug/kg	13700	5310	5	04/01/21 16:17	04/05/21 17:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2740	923	5	04/01/21 16:17	04/05/21 17:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2740	1030	5	04/01/21 16:17	04/05/21 17:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2740	973	5	04/01/21 16:17	04/05/21 17:29	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2740	1310	5	04/01/21 16:17	04/05/21 17:29	108-60-1	v1
Pentachlorophenol	ND	ug/kg	5490	2690	5	04/01/21 16:17	04/05/21 17:29	87-86-5	v2
Phenanthrene	4980	ug/kg	2740	898	5	04/01/21 16:17	04/05/21 17:29	85-01-8	
Phenol	ND	ug/kg	2740	1220	5	04/01/21 16:17	04/05/21 17:29	108-95-2	
Pyrene	10500	ug/kg	2740	1110	5	04/01/21 16:17	04/05/21 17:29	129-00-0	
Pyridine	ND	ug/kg	2740	865	5	04/01/21 16:17	04/05/21 17:29	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2740	1260	5	04/01/21 16:17	04/05/21 17:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2740	1130	5	04/01/21 16:17	04/05/21 17:29	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	21-130		5	04/01/21 16:17	04/05/21 17:29	4165-60-0	
2-Fluorobiphenyl (S)	28	%	19-130		5	04/01/21 16:17	04/05/21 17:29	321-60-8	
Terphenyl-d14 (S)	23	%	15-130		5	04/01/21 16:17	04/05/21 17:29	1718-51-0	
Phenol-d6 (S)	47	%	18-130		5	04/01/21 16:17	04/05/21 17:29	13127-88-3	
2-Fluorophenol (S)	47	%	18-130		5	04/01/21 16:17	04/05/21 17:29	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: FD-2_SE_20210329 **Lab ID:** 92530395009 Collected: 03/29/21 00:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	46	%	18-130		5	04/01/21 16:17	04/05/21 17:29	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	175J	ug/kg	259	83.2	1	03/31/21 15:44	04/01/21 05:06	67-64-1	
Benzene	6.8J	ug/kg	13.0	5.2	1	03/31/21 15:44	04/01/21 05:06	71-43-2	
Bromobenzene	ND	ug/kg	13.0	4.2	1	03/31/21 15:44	04/01/21 05:06	108-86-1	
Bromochloromethane	ND	ug/kg	13.0	3.8	1	03/31/21 15:44	04/01/21 05:06	74-97-5	
Bromodichloromethane	ND	ug/kg	13.0	5.0	1	03/31/21 15:44	04/01/21 05:06	75-27-4	
Bromoform	ND	ug/kg	13.0	4.6	1	03/31/21 15:44	04/01/21 05:06	75-25-2	
Bromomethane	ND	ug/kg	25.9	20.5	1	03/31/21 15:44	04/01/21 05:06	74-83-9	
2-Butanone (MEK)	65.1J	ug/kg	259	62.2	1	03/31/21 15:44	04/01/21 05:06	78-93-3	
n-Butylbenzene	ND	ug/kg	13.0	6.1	1	03/31/21 15:44	04/01/21 05:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.0	5.7	1	03/31/21 15:44	04/01/21 05:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.0	4.6	1	03/31/21 15:44	04/01/21 05:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.0	4.8	1	03/31/21 15:44	04/01/21 05:06	56-23-5	
Chlorobenzene	ND	ug/kg	13.0	2.5	1	03/31/21 15:44	04/01/21 05:06	108-90-7	
Chloroethane	ND	ug/kg	25.9	10.0	1	03/31/21 15:44	04/01/21 05:06	75-00-3	
Chloroform	ND	ug/kg	13.0	7.9	1	03/31/21 15:44	04/01/21 05:06	67-66-3	
Chloromethane	ND	ug/kg	25.9	10.9	1	03/31/21 15:44	04/01/21 05:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.0	4.6	1	03/31/21 15:44	04/01/21 05:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.0	2.3	1	03/31/21 15:44	04/01/21 05:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.0	5.0	1	03/31/21 15:44	04/01/21 05:06	96-12-8	
Dibromochloromethane	ND	ug/kg	13.0	7.3	1	03/31/21 15:44	04/01/21 05:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.0	5.7	1	03/31/21 15:44	04/01/21 05:06	106-93-4	
Dibromomethane	ND	ug/kg	13.0	2.8	1	03/31/21 15:44	04/01/21 05:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.0	4.7	1	03/31/21 15:44	04/01/21 05:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.0	4.0	1	03/31/21 15:44	04/01/21 05:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.0	3.4	1	03/31/21 15:44	04/01/21 05:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.9	5.6	1	03/31/21 15:44	04/01/21 05:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.0	5.3	1	03/31/21 15:44	04/01/21 05:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.0	8.6	1	03/31/21 15:44	04/01/21 05:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.0	5.3	1	03/31/21 15:44	04/01/21 05:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.0	4.4	1	03/31/21 15:44	04/01/21 05:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.0	4.5	1	03/31/21 15:44	04/01/21 05:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.0	3.9	1	03/31/21 15:44	04/01/21 05:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.0	4.0	1	03/31/21 15:44	04/01/21 05:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.0	4.2	1	03/31/21 15:44	04/01/21 05:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.0	6.2	1	03/31/21 15:44	04/01/21 05:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.0	3.5	1	03/31/21 15:44	04/01/21 05:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.0	4.5	1	03/31/21 15:44	04/01/21 05:06	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.0	3.5	1	03/31/21 15:44	04/01/21 05:06	108-20-3	
Ethylbenzene	9.4J	ug/kg	13.0	6.0	1	03/31/21 15:44	04/01/21 05:06	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: FD-2_SE_20210329 **Lab ID: 92530395009** Collected: 03/29/21 00:00 Received: 03/30/21 12:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	25.9	21.2	1	03/31/21 15:44	04/01/21 05:06	87-68-3	
2-Hexanone	ND	ug/kg	130	12.5	1	03/31/21 15:44	04/01/21 05:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.0	4.4	1	03/31/21 15:44	04/01/21 05:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.0	6.4	1	03/31/21 15:44	04/01/21 05:06	99-87-6	
Methylene Chloride	ND	ug/kg	51.8	35.5	1	03/31/21 15:44	04/01/21 05:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	130	12.5	1	03/31/21 15:44	04/01/21 05:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.0	4.8	1	03/31/21 15:44	04/01/21 05:06	1634-04-4	
Naphthalene	130	ug/kg	13.0	6.8	1	03/31/21 15:44	04/01/21 05:06	91-20-3	
n-Propylbenzene	ND	ug/kg	13.0	4.6	1	03/31/21 15:44	04/01/21 05:06	103-65-1	
Styrene	ND	ug/kg	13.0	3.4	1	03/31/21 15:44	04/01/21 05:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.0	5.0	1	03/31/21 15:44	04/01/21 05:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.0	3.4	1	03/31/21 15:44	04/01/21 05:06	79-34-5	
Tetrachloroethene	ND	ug/kg	13.0	4.1	1	03/31/21 15:44	04/01/21 05:06	127-18-4	
Toluene	17.4	ug/kg	13.0	3.7	1	03/31/21 15:44	04/01/21 05:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.0	10.5	1	03/31/21 15:44	04/01/21 05:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.0	10.9	1	03/31/21 15:44	04/01/21 05:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.0	6.7	1	03/31/21 15:44	04/01/21 05:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.0	4.3	1	03/31/21 15:44	04/01/21 05:06	79-00-5	
Trichloroethene	ND	ug/kg	13.0	3.3	1	03/31/21 15:44	04/01/21 05:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.0	7.1	1	03/31/21 15:44	04/01/21 05:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.0	6.6	1	03/31/21 15:44	04/01/21 05:06	96-18-4	
1,2,4-Trimethylbenzene	9.5J	ug/kg	13.0	3.5	1	03/31/21 15:44	04/01/21 05:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.0	4.4	1	03/31/21 15:44	04/01/21 05:06	108-67-8	
Vinyl acetate	ND	ug/kg	130	9.4	1	03/31/21 15:44	04/01/21 05:06	108-05-4	
Vinyl chloride	ND	ug/kg	25.9	6.6	1	03/31/21 15:44	04/01/21 05:06	75-01-4	
Xylene (Total)	18.2J	ug/kg	25.9	7.4	1	03/31/21 15:44	04/01/21 05:06	1330-20-7	
m&p-Xylene	18.2J	ug/kg	25.9	8.9	1	03/31/21 15:44	04/01/21 05:06	179601-23-1	
o-Xylene	ND	ug/kg	13.0	5.7	1	03/31/21 15:44	04/01/21 05:06	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/31/21 15:44	04/01/21 05:06	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	03/31/21 15:44	04/01/21 05:06	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/31/21 15:44	04/01/21 05:06	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	39.9	%	0.10	0.10	1		03/31/21 15:48		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: TRIP BLANK **Lab ID: 92530395010** Collected: 03/29/21 00:00 Received: 03/30/21 12:53 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/31/21 14:45	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/31/21 14:45	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/31/21 14:45	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/31/21 14:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/31/21 14:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/31/21 14:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/31/21 14:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/31/21 14:45	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/31/21 14:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/31/21 14:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/31/21 14:45	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/31/21 14:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/31/21 14:45	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/21 14:45	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/31/21 14:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/31/21 14:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/31/21 14:45	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/31/21 14:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/21 14:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/31/21 14:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/31/21 14:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/31/21 14:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/31/21 14:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/31/21 14:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/31/21 14:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/31/21 14:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/31/21 14:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/31/21 14:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/31/21 14:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/31/21 14:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/31/21 14:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/21 14:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/31/21 14:45	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/31/21 14:45	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/31/21 14:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/31/21 14:45	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/31/21 14:45	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/31/21 14:45	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/31/21 14:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/31/21 14:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/31/21 14:45	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/31/21 14:45	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/31/21 14:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/31/21 14:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/31/21 14:45	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Sample: TRIP BLANK		Lab ID: 92530395010		Collected: 03/29/21 00:00		Received: 03/30/21 12:53		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/31/21 14:45	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/31/21 14:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/31/21 14:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/31/21 14:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/31/21 14:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/31/21 14:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/31/21 14:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/31/21 14:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/31/21 14:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/31/21 14:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/31/21 14:45	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/31/21 14:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/31/21 14:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/31/21 14:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/31/21 14:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		03/31/21 14:45	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		03/31/21 14:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

QC Batch: 610462 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395010

METHOD BLANK: 3214491 Matrix: Water

Associated Lab Samples: 92530395010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/31/21 12:04	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/31/21 12:04	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/31/21 12:04	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/31/21 12:04	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/31/21 12:04	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/31/21 12:04	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/31/21 12:04	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/31/21 12:04	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/31/21 12:04	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/31/21 12:04	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/31/21 12:04	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/21 12:04	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/31/21 12:04	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/31/21 12:04	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/31/21 12:04	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/31/21 12:04	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/31/21 12:04	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/31/21 12:04	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/31/21 12:04	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/21 12:04	
2-Hexanone	ug/L	ND	5.0	0.48	03/31/21 12:04	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/31/21 12:04	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/31/21 12:04	
Acetone	ug/L	ND	25.0	5.1	03/31/21 12:04	
Benzene	ug/L	ND	1.0	0.34	03/31/21 12:04	
Bromobenzene	ug/L	ND	1.0	0.29	03/31/21 12:04	
Bromochloromethane	ug/L	ND	1.0	0.47	03/31/21 12:04	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/31/21 12:04	
Bromoform	ug/L	ND	1.0	0.34	03/31/21 12:04	
Bromomethane	ug/L	ND	2.0	1.7	03/31/21 12:04	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/31/21 12:04	
Chlorobenzene	ug/L	ND	1.0	0.28	03/31/21 12:04	
Chloroethane	ug/L	ND	1.0	0.65	03/31/21 12:04	
Chloroform	ug/L	ND	5.0	1.6	03/31/21 12:04	
Chloromethane	ug/L	ND	1.0	0.54	03/31/21 12:04	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/31/21 12:04	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/21 12:04	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/31/21 12:04	
Dibromomethane	ug/L	ND	1.0	0.39	03/31/21 12:04	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/31/21 12:04	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

METHOD BLANK: 3214491

Matrix: Water

Associated Lab Samples: 92530395010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/31/21 12:04	
Ethylbenzene	ug/L	ND	1.0	0.30	03/31/21 12:04	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/31/21 12:04	
m&p-Xylene	ug/L	ND	2.0	0.71	03/31/21 12:04	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/31/21 12:04	
Methylene Chloride	ug/L	ND	5.0	2.0	03/31/21 12:04	
Naphthalene	ug/L	ND	1.0	0.64	03/31/21 12:04	
o-Xylene	ug/L	ND	1.0	0.34	03/31/21 12:04	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/31/21 12:04	
Styrene	ug/L	ND	1.0	0.29	03/31/21 12:04	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/31/21 12:04	
Toluene	ug/L	ND	1.0	0.48	03/31/21 12:04	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/31/21 12:04	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/31/21 12:04	
Trichloroethene	ug/L	ND	1.0	0.38	03/31/21 12:04	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/31/21 12:04	
Vinyl acetate	ug/L	ND	2.0	1.3	03/31/21 12:04	
Vinyl chloride	ug/L	ND	1.0	0.39	03/31/21 12:04	
Xylene (Total)	ug/L	ND	1.0	0.34	03/31/21 12:04	
1,2-Dichloroethane-d4 (S)	%	100	70-130		03/31/21 12:04	
4-Bromofluorobenzene (S)	%	100	70-130		03/31/21 12:04	
Toluene-d8 (S)	%	100	70-130		03/31/21 12:04	

LABORATORY CONTROL SAMPLE: 3214492

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.2	88	70-130	
1,1,1-Trichloroethane	ug/L	50	44.2	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.4	87	70-130	
1,1,2-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1-Dichloroethane	ug/L	50	46.4	93	70-130	
1,1-Dichloroethene	ug/L	50	46.8	94	70-130	
1,1-Dichloropropene	ug/L	50	44.4	89	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.5	93	70-130	
1,2,3-Trichloropropane	ug/L	50	43.6	87	70-130	
1,2,4-Trichlorobenzene	ug/L	50	47.2	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.9	90	70-130	
1,2-Dichlorobenzene	ug/L	50	45.5	91	70-130	
1,2-Dichloroethane	ug/L	50	41.9	84	70-130	
1,2-Dichloropropane	ug/L	50	46.6	93	70-130	
1,3-Dichlorobenzene	ug/L	50	46.5	93	70-130	
1,3-Dichloropropane	ug/L	50	45.7	91	70-130	
1,4-Dichlorobenzene	ug/L	50	45.0	90	70-130	
2,2-Dichloropropane	ug/L	50	44.5	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

LABORATORY CONTROL SAMPLE: 3214492

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	102	102	70-130	
2-Chlorotoluene	ug/L	50	45.8	92	70-130	
2-Hexanone	ug/L	100	106	106	70-130	
4-Chlorotoluene	ug/L	50	46.2	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	70-130	
Acetone	ug/L	100	112	112	70-130	
Benzene	ug/L	50	46.6	93	70-130	
Bromobenzene	ug/L	50	44.2	88	70-130	
Bromochloromethane	ug/L	50	43.5	87	70-130	
Bromodichloromethane	ug/L	50	41.5	83	70-130	
Bromoform	ug/L	50	44.4	89	70-130	
Bromomethane	ug/L	50	45.8	92	70-130	
Carbon tetrachloride	ug/L	50	43.7	87	70-130	
Chlorobenzene	ug/L	50	44.9	90	70-130	
Chloroethane	ug/L	50	40.4	81	70-130	
Chloroform	ug/L	50	44.2	88	70-130	
Chloromethane	ug/L	50	42.9	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	42.3	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Dibromochloromethane	ug/L	50	47.5	95	70-130	
Dibromomethane	ug/L	50	45.2	90	70-130	
Dichlorodifluoromethane	ug/L	50	38.3	77	70-130	
Diisopropyl ether	ug/L	50	50.5	101	70-130	
Ethylbenzene	ug/L	50	44.3	89	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.5	91	70-130	
m&p-Xylene	ug/L	100	85.3	85	70-130	
Methyl-tert-butyl ether	ug/L	50	46.7	93	70-130	
Methylene Chloride	ug/L	50	48.2	96	70-130	
Naphthalene	ug/L	50	48.5	97	70-130	
o-Xylene	ug/L	50	41.8	84	70-130	
p-Isopropyltoluene	ug/L	50	46.8	94	70-130	
Styrene	ug/L	50	43.5	87	70-130	
Tetrachloroethene	ug/L	50	43.9	88	70-130	
Toluene	ug/L	50	44.3	89	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.6	93	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.8	100	70-130	
Trichloroethene	ug/L	50	43.1	86	70-130	
Trichlorofluoromethane	ug/L	50	40.7	81	70-130	
Vinyl acetate	ug/L	100	117	117	70-130	
Vinyl chloride	ug/L	50	41.4	83	70-130	
Xylene (Total)	ug/L	150	127	85	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Parameter	Units	92530033012		MS		MSD		3214493		3214494		Qual
		Result	Conc.	Spike	Conc.	Result	Conc.	MS	MSD	MS	MSD	
								% Rec	% Rec	Limits	RPD	Max RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	18.5	20.7	93	104	73-134	11	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20	20.4	22.0	102	110	82-143	8	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	19.6	19.6	98	98	70-136	0	30
1,1,2-Trichloroethane	ug/L	ND	20	20	20	20.5	20.0	103	100	70-135	2	30
1,1-Dichloroethane	ug/L	ND	20	20	20	20.3	24.0	101	120	70-139	17	30
1,1-Dichloroethene	ug/L	ND	20	20	20	23.1	25.3	115	127	70-154	9	30
1,1-Dichloropropene	ug/L	ND	20	20	20	20.9	21.5	104	107	70-149	3	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	17.4	20.8	87	104	70-135	18	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20	20.6	20.2	103	101	71-137	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	17.2	20.7	86	104	73-140	19	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	18.9	19.5	95	98	65-134	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20	20.5	20.3	102	101	70-133	1	30
1,2-Dichloroethane	ug/L	ND	20	20	20	19.7	20.4	99	102	70-137	3	30
1,2-Dichloropropane	ug/L	ND	20	20	20	21.5	22.0	107	110	70-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20	20.4	20.4	102	102	70-135	0	30
1,3-Dichloropropane	ug/L	ND	20	20	20	19.9	21.0	99	105	70-143	5	30
1,4-Dichlorobenzene	ug/L	ND	20	20	20	19.7	20.0	99	100	70-133	1	30
2,2-Dichloropropane	ug/L	ND	20	20	20	20.5	22.7	102	113	61-148	10	30
2-Butanone (MEK)	ug/L	ND	40	40	40	43.0	43.6	107	109	60-139	1	30
2-Chlorotoluene	ug/L	ND	20	20	20	20.0	20.7	100	103	70-144	3	30
2-Hexanone	ug/L	ND	40	40	40	43.8	48.6	110	121	65-138	10	30
4-Chlorotoluene	ug/L	ND	20	20	20	19.7	20.5	98	103	70-137	4	30
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40	46.4	42.3	116	106	65-135	9	30
Acetone	ug/L	ND	40	40	40	46.0	47.3	115	118	60-148	3	30
Benzene	ug/L	ND	20	20	20	21.1	21.9	106	110	70-151	4	30
Bromobenzene	ug/L	ND	20	20	20	19.8	20.5	99	102	70-136	3	30
Bromochloromethane	ug/L	ND	20	20	20	19.6	21.4	98	107	70-141	9	30
Bromodichloromethane	ug/L	ND	20	20	20	18.9	19.6	94	98	70-138	4	30
Bromoform	ug/L	ND	20	20	20	19.2	20.1	96	101	63-130	5	30
Bromomethane	ug/L	ND	20	20	20	15.3	19.0	76	95	15-152	22	30
Carbon tetrachloride	ug/L	ND	20	20	20	20.0	21.0	100	105	70-143	5	30
Chlorobenzene	ug/L	ND	20	20	20	19.5	21.2	98	106	70-138	8	30
Chloroethane	ug/L	ND	20	20	20	21.2	26.6	106	133	52-163	23	30
Chloroform	ug/L	ND	20	20	20	19.4	21.5	97	108	70-139	11	30
Chloromethane	ug/L	ND	20	20	20	18.8	19.9	94	99	41-139	5	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	18.8	21.6	94	108	70-141	14	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	20.0	21.3	100	107	70-137	6	30
Dibromochloromethane	ug/L	ND	20	20	20	20.1	20.9	100	105	70-134	4	30
Dibromomethane	ug/L	ND	20	20	20	21.4	21.1	107	106	70-138	1	30
Dichlorodifluoromethane	ug/L	ND	20	20	20	19.3	20.8	96	104	47-155	8	30
Diisopropyl ether	ug/L	ND	20	20	20	19.9	22.7	100	114	63-144	13	30
Ethylbenzene	ug/L	ND	20	20	20	19.9	20.7	99	103	66-153	4	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	17.8	20.8	89	104	65-149	15	30
m&p-Xylene	ug/L	ND	40	40	40	41.3	44.3	103	111	69-152	7	30

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

Parameter	Units	3214493		3214494		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92530033012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	19.8	21.8	99	109	54-156	10	30		
Methylene Chloride	ug/L	ND	20	20	21.5	23.2	108	116	42-159	8	30		
Naphthalene	ug/L	ND	20	20	19.6	21.0	96	103	61-148	7	30		
o-Xylene	ug/L	ND	20	20	20.2	21.1	101	105	70-148	4	30		
p-Isopropyltoluene	ug/L	ND	20	20	19.6	21.0	98	105	70-146	7	30		
Styrene	ug/L	ND	20	20	20.2	20.8	101	104	70-135	3	30		
Tetrachloroethene	ug/L	ND	20	20	19.6	20.0	98	100	59-143	2	30		
Toluene	ug/L	ND	20	20	20.2	20.8	101	104	59-148	3	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	22.8	102	114	70-146	11	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.7	21.2	104	106	70-135	2	30		
Trichloroethene	ug/L	ND	20	20	20.4	20.0	102	100	70-147	2	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.7	22.9	104	114	70-148	10	30		
Vinyl acetate	ug/L	ND	40	40	47.6	56.3	119	141	49-151	17	30		
Vinyl chloride	ug/L	ND	20	20	21.6	23.6	108	118	70-156	9	30		
Xylene (Total)	ug/L	ND	60	60	61.5	65.3	103	109	63-158	6	30		
1,2-Dichloroethane-d4 (S)	%						99	97	70-130				
4-Bromofluorobenzene (S)	%						99	100	70-130				
Toluene-d8 (S)	%						99	97	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

QC Batch: 610533 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

METHOD BLANK: 3214962 Matrix: Solid
Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/01/21 01:47	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/01/21 01:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/01/21 01:47	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/01/21 01:47	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/01/21 01:47	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/01/21 01:47	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/01/21 01:47	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/01/21 01:47	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/01/21 01:47	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/01/21 01:47	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/01/21 01:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/01/21 01:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/01/21 01:47	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/01/21 01:47	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/01/21 01:47	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/01/21 01:47	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/01/21 01:47	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/01/21 01:47	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/01/21 01:47	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/01/21 01:47	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/01/21 01:47	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/01/21 01:47	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/01/21 01:47	
2-Hexanone	ug/kg	ND	50.0	4.8	04/01/21 01:47	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/01/21 01:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/01/21 01:47	
Acetone	ug/kg	ND	100	32.1	04/01/21 01:47	
Benzene	ug/kg	ND	5.0	2.0	04/01/21 01:47	
Bromobenzene	ug/kg	ND	5.0	1.6	04/01/21 01:47	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/01/21 01:47	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/01/21 01:47	
Bromoform	ug/kg	ND	5.0	1.8	04/01/21 01:47	
Bromomethane	ug/kg	ND	10.0	7.9	04/01/21 01:47	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/01/21 01:47	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/01/21 01:47	
Chloroethane	ug/kg	ND	10.0	3.9	04/01/21 01:47	
Chloroform	ug/kg	ND	5.0	3.0	04/01/21 01:47	
Chloromethane	ug/kg	ND	10.0	4.2	04/01/21 01:47	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/01/21 01:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

METHOD BLANK: 3214962

Matrix: Solid

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/01/21 01:47	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/01/21 01:47	
Dibromomethane	ug/kg	ND	5.0	1.1	04/01/21 01:47	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/01/21 01:47	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/01/21 01:47	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/01/21 01:47	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/01/21 01:47	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/01/21 01:47	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/01/21 01:47	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/01/21 01:47	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/01/21 01:47	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/01/21 01:47	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/01/21 01:47	
Naphthalene	ug/kg	ND	5.0	2.6	04/01/21 01:47	
o-Xylene	ug/kg	ND	5.0	2.2	04/01/21 01:47	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/01/21 01:47	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/01/21 01:47	
Styrene	ug/kg	ND	5.0	1.3	04/01/21 01:47	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/01/21 01:47	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/01/21 01:47	
Toluene	ug/kg	ND	5.0	1.4	04/01/21 01:47	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/01/21 01:47	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/01/21 01:47	
Trichloroethene	ug/kg	ND	5.0	1.3	04/01/21 01:47	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/01/21 01:47	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/01/21 01:47	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/01/21 01:47	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/01/21 01:47	
1,2-Dichloroethane-d4 (S)	%	107	70-130		04/01/21 01:47	
4-Bromofluorobenzene (S)	%	109	69-134		04/01/21 01:47	
Toluene-d8 (S)	%	101	70-130		04/01/21 01:47	

LABORATORY CONTROL SAMPLE: 3214963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1350	108	70-130	
1,1-Dichloropropene	ug/kg	1250	1290	103	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1200	96	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

LABORATORY CONTROL SAMPLE: 3214963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1200	96	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1170	93	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1250	100	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	102	63-130	
1,2-Dichloropropane	ug/kg	1250	1310	105	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1260	101	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
2,2-Dichloropropane	ug/kg	1250	1150	92	66-130	
2-Butanone (MEK)	ug/kg	2500	2770	111	70-130	
2-Chlorotoluene	ug/kg	1250	1340	107	70-130	
2-Hexanone	ug/kg	2500	2730	109	70-130	
4-Chlorotoluene	ug/kg	1250	1270	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2740	110	70-130	
Acetone	ug/kg	2500	2820	113	69-130	
Benzene	ug/kg	1250	1280	103	70-130	
Bromobenzene	ug/kg	1250	1210	97	70-130	
Bromochloromethane	ug/kg	1250	1250	100	70-130	
Bromodichloromethane	ug/kg	1250	1150	92	69-130	
Bromoform	ug/kg	1250	1160	93	70-130	
Bromomethane	ug/kg	1250	1120	90	52-130	
Carbon tetrachloride	ug/kg	1250	1210	97	70-130	
Chlorobenzene	ug/kg	1250	1170	94	70-130	
Chloroethane	ug/kg	1250	1220	98	65-130	
Chloroform	ug/kg	1250	1170	93	70-130	
Chloromethane	ug/kg	1250	1240	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1310	105	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1240	99	70-130	
Dibromomethane	ug/kg	1250	1180	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1400	112	45-156	
Diisopropyl ether	ug/kg	1250	1310	105	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1210	97	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1210	97	70-130	
m&p-Xylene	ug/kg	2500	2470	99	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1240	100	70-130	
Methylene Chloride	ug/kg	1250	1370	110	65-130	
n-Butylbenzene	ug/kg	1250	1220	97	67-130	
n-Propylbenzene	ug/kg	1250	1250	100	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1220	97	70-130	
p-Isopropyltoluene	ug/kg	1250	1230	99	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

LABORATORY CONTROL SAMPLE: 3214963

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1210	97	69-130	
Styrene	ug/kg	1250	1270	101	70-130	
tert-Butylbenzene	ug/kg	1250	1210	96	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1240	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1250	100	68-130	
Trichloroethene	ug/kg	1250	1200	96	70-130	
Trichlorofluoromethane	ug/kg	1250	1140	92	70-130	
Vinyl acetate	ug/kg	2500	3070	123	70-130	
Vinyl chloride	ug/kg	1250	1200	96	61-130	
Xylene (Total)	ug/kg	3750	3690	98	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3214965

Parameter	Units	92530395002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	910	978	107	70-131	
1,1,1-Trichloroethane	ug/kg	ND	910	1050	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	910	964	106	66-130	
1,1,2-Trichloroethane	ug/kg	ND	910	1040	115	66-133	
1,1-Dichloroethane	ug/kg	ND	910	1070	118	65-130	
1,1-Dichloroethene	ug/kg	ND	910	1130	124	10-158	
1,1-Dichloropropene	ug/kg	ND	910	1110	122	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	910	1050	115	27-138	
1,2,3-Trichloropropane	ug/kg	ND	910	965	106	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	910	1000	110	51-134	
1,2,4-Trimethylbenzene	ug/kg	5.6J	910	1070	117	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	910	867	95	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	910	1000	110	70-130	
1,2-Dichlorobenzene	ug/kg	ND	910	1000	110	69-130	
1,2-Dichloroethane	ug/kg	ND	910	1090	120	59-130	
1,2-Dichloropropane	ug/kg	ND	910	1130	124	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	910	1080	118	65-137	
1,3-Dichlorobenzene	ug/kg	ND	910	989	109	70-130	
1,3-Dichloropropane	ug/kg	ND	910	1100	120	70-130	
1,4-Dichlorobenzene	ug/kg	ND	910	989	109	68-130	
2,2-Dichloropropane	ug/kg	ND	910	898	99	32-130	
2-Butanone (MEK)	ug/kg	ND	1810	2150	118	10-136	
2-Chlorotoluene	ug/kg	ND	910	1110	121	69-141	
2-Hexanone	ug/kg	ND	1810	2150	118	10-144	
4-Chlorotoluene	ug/kg	ND	910	1070	118	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1810	2200	121	25-143	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

MATRIX SPIKE SAMPLE:	3214965	92530395002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	ND	1810	1860	102	10-130	
Benzene	ug/kg	ND	910	1100	121	67-130	
Bromobenzene	ug/kg	ND	910	1010	110	70-130	
Bromochloromethane	ug/kg	ND	910	991	109	69-134	
Bromodichloromethane	ug/kg	ND	910	944	104	64-130	
Bromoform	ug/kg	ND	910	870	96	62-130	
Bromomethane	ug/kg	ND	910	949	104	20-176	
Carbon tetrachloride	ug/kg	ND	910	1020	112	65-140	
Chlorobenzene	ug/kg	ND	910	1010	111	70-130	
Chloroethane	ug/kg	ND	910	340	37	10-130	
Chloroform	ug/kg	ND	910	967	106	63-130	
Chloromethane	ug/kg	ND	910	1210	133	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	910	1100	121	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	910	1040	114	67-130	
Dibromochloromethane	ug/kg	ND	910	970	107	67-130	
Dibromomethane	ug/kg	ND	910	976	107	63-131	
Dichlorodifluoromethane	ug/kg	ND	910	1300	143	44-180	
Diisopropyl ether	ug/kg	ND	910	1080	119	63-130	
Ethylbenzene	ug/kg	5.0J	910	1010	110	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	910	1090	120	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	910	1060	117	69-135	
m&p-Xylene	ug/kg	10.0J	1810	2160	118	60-133	
Methyl-tert-butyl ether	ug/kg	ND	910	1010	111	65-130	
Methylene Chloride	ug/kg	ND	910	1090	120	61-130	
n-Butylbenzene	ug/kg	ND	910	1050	115	65-140	
n-Propylbenzene	ug/kg	ND	910	1080	119	67-140	
Naphthalene	ug/kg	211	910	1240	113	15-145	
o-Xylene	ug/kg	ND	910	1030	113	66-133	
p-Isopropyltoluene	ug/kg	ND	910	1080	118	56-147	
sec-Butylbenzene	ug/kg	ND	910	1070	118	65-139	
Styrene	ug/kg	ND	910	1060	117	70-132	
tert-Butylbenzene	ug/kg	ND	910	1050	116	62-135	
Tetrachloroethene	ug/kg	ND	910	983	108	70-135	
Toluene	ug/kg	8.5J	910	1080	118	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	910	1100	121	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	910	1010	111	62-130	
Trichloroethene	ug/kg	ND	910	1030	113	70-135	
Trichlorofluoromethane	ug/kg	ND	910	334	37	10-130	
Vinyl acetate	ug/kg	ND	1810	2330	128	53-130	
Vinyl chloride	ug/kg	ND	910	1100	121	61-148	
Xylene (Total)	ug/kg	10.0J	2730	3190	116	63-132	
1,2-Dichloroethane-d4 (S)	%				125	70-130	
4-Bromofluorobenzene (S)	%				108	69-134	
Toluene-d8 (S)	%				101	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

SAMPLE DUPLICATE: 3214964

Parameter	Units	92530395001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	48.6		30	
1,2,4-Trimethylbenzene	ug/kg	28.5	27.6	3	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	28.1	32.3	14	30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	153J	158J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	347J	396		30	
Benzene	ug/kg	15.5J	17.2J		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	16.9J	22.1		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	10.9J		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

SAMPLE DUPLICATE: 3214964

Parameter	Units	92530395001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	57.6	63.3	10	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	566	572	1	30	
o-Xylene	ug/kg	20.7	24.6	17	30	
p-Isopropyltoluene	ug/kg	ND	11.4J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	44.9	48.6	8	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	78.3	88.0	12	30	
1,2-Dichloroethane-d4 (S)	%	109	107			
4-Bromofluorobenzene (S)	%	109	109			
Toluene-d8 (S)	%	102	103			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

QC Batch:	611125	Analysis Method:	EPA 8082A
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

METHOD BLANK: 3217653 Matrix: Solid
Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/05/21 16:16	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/05/21 16:16	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/05/21 16:16	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/05/21 16:16	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/05/21 16:16	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/05/21 16:16	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/05/21 16:16	
Decachlorobiphenyl (S)	%	94	10-160		04/05/21 16:16	

LABORATORY CONTROL SAMPLE: 3217654

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	157	93	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	152	90	47-139	
Decachlorobiphenyl (S)	%			95	10-160	

MATRIX SPIKE SAMPLE: 3217655

Parameter	Units	92530406001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	182	138	76	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	182	152	84	10-142	
Decachlorobiphenyl (S)	%				81	10-160	

SAMPLE DUPLICATE: 3217656

Parameter	Units	92530406002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	81	77			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

QC Batch:	610716	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

METHOD BLANK: 3215725 Matrix: Solid
Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.2	1.0	04/02/21 09:29	
2-Fluorobiphenyl (S)	%	109	31-130		04/02/21 09:29	
Nitrobenzene-d5 (S)	%	123	32-130		04/02/21 09:29	
Terphenyl-d14 (S)	%	104	24-130		04/02/21 09:29	

LABORATORY CONTROL SAMPLE: 3215726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33	28.2	86	44-130	
2-Fluorobiphenyl (S)	%			120	31-130	
Nitrobenzene-d5 (S)	%			134	32-130	S0
Terphenyl-d14 (S)	%			115	24-130	

MATRIX SPIKE SAMPLE: 3215727

Parameter	Units	92530395001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	1540	70.4	1500	-51	10-130	M1
2-Fluorobiphenyl (S)	%				117	31-130	
Nitrobenzene-d5 (S)	%				130	32-130	
Terphenyl-d14 (S)	%				98	24-130	

SAMPLE DUPLICATE: 3215728

Parameter	Units	92530395002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	531	408	26	30	
2-Fluorobiphenyl (S)	%	64	75			
Nitrobenzene-d5 (S)	%	90	104			
Terphenyl-d14 (S)	%	46	59			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

QC Batch:	610812	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

METHOD BLANK: 3216459 Matrix: Solid

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/02/21 14:45	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/02/21 14:45	v1
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/02/21 14:45	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/02/21 14:45	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/02/21 14:45	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/02/21 14:45	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/02/21 14:45	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/02/21 14:45	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/02/21 14:45	
2-Chloronaphthalene	ug/kg	ND	326	129	04/02/21 14:45	
2-Chlorophenol	ug/kg	ND	326	122	04/02/21 14:45	
2-Methylnaphthalene	ug/kg	ND	326	130	04/02/21 14:45	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/02/21 14:45	
2-Nitroaniline	ug/kg	ND	1630	266	04/02/21 14:45	v1
2-Nitrophenol	ug/kg	ND	326	141	04/02/21 14:45	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/02/21 14:45	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/02/21 14:45	
3-Nitroaniline	ug/kg	ND	1630	256	04/02/21 14:45	IL
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/02/21 14:45	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/02/21 14:45	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/02/21 14:45	
4-Chloroaniline	ug/kg	ND	651	256	04/02/21 14:45	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/02/21 14:45	
4-Nitroaniline	ug/kg	ND	651	248	04/02/21 14:45	
4-Nitrophenol	ug/kg	ND	1630	630	04/02/21 14:45	
Acenaphthene	ug/kg	ND	326	114	04/02/21 14:45	
Acenaphthylene	ug/kg	ND	326	114	04/02/21 14:45	
Aniline	ug/kg	ND	326	127	04/02/21 14:45	
Anthracene	ug/kg	ND	326	107	04/02/21 14:45	
Benzo(a)anthracene	ug/kg	ND	326	109	04/02/21 14:45	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/02/21 14:45	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/02/21 14:45	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/02/21 14:45	
Benzoic Acid	ug/kg	ND	1630	700	04/02/21 14:45	
Benzyl alcohol	ug/kg	ND	651	247	04/02/21 14:45	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/02/21 14:45	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/02/21 14:45	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/02/21 14:45	v1
Butylbenzylphthalate	ug/kg	ND	326	137	04/02/21 14:45	v1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Project No.: 92530395

METHOD BLANK: 3216459

Matrix: Solid

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/02/21 14:45	
Di-n-butylphthalate	ug/kg	ND	326	110	04/02/21 14:45	
Di-n-octylphthalate	ug/kg	ND	326	128	04/02/21 14:45	v1
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/02/21 14:45	
Dibenzofuran	ug/kg	ND	326	117	04/02/21 14:45	
Diethylphthalate	ug/kg	ND	326	119	04/02/21 14:45	
Dimethylphthalate	ug/kg	ND	326	118	04/02/21 14:45	
Fluoranthene	ug/kg	ND	326	112	04/02/21 14:45	
Fluorene	ug/kg	ND	326	114	04/02/21 14:45	
Hexachlorobenzene	ug/kg	ND	326	127	04/02/21 14:45	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/02/21 14:45	v2
Hexachloroethane	ug/kg	ND	326	124	04/02/21 14:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/02/21 14:45	
Isophorone	ug/kg	ND	326	145	04/02/21 14:45	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/02/21 14:45	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/02/21 14:45	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/02/21 14:45	
Nitrobenzene	ug/kg	ND	326	151	04/02/21 14:45	v1
Pentachlorophenol	ug/kg	ND	651	319	04/02/21 14:45	
Phenanthrene	ug/kg	ND	326	107	04/02/21 14:45	
Phenol	ug/kg	ND	326	145	04/02/21 14:45	
Pyrene	ug/kg	ND	326	132	04/02/21 14:45	
Pyridine	ug/kg	ND	326	103	04/02/21 14:45	
2,4,6-Tribromophenol (S)	%	62	18-130		04/02/21 14:45	
2-Fluorobiphenyl (S)	%	68	19-130		04/02/21 14:45	
2-Fluorophenol (S)	%	63	18-130		04/02/21 14:45	
Nitrobenzene-d5 (S)	%	76	21-130		04/02/21 14:45	
Phenol-d6 (S)	%	66	18-130		04/02/21 14:45	
Terphenyl-d14 (S)	%	67	15-130		04/02/21 14:45	

LABORATORY CONTROL SAMPLE: 3216460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1680	1320	78	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1680	1730	103	38-130	v1
2,4,5-Trichlorophenol	ug/kg	1680	1370	81	49-130	
2,4,6-Trichlorophenol	ug/kg	1680	1340	79	50-130	
2,4-Dichlorophenol	ug/kg	1680	1350	80	51-130	
2,4-Dimethylphenol	ug/kg	1680	1450	86	53-130	
2,4-Dinitrophenol	ug/kg	8420	6130	73	39-130	
2,4-Dinitrotoluene	ug/kg	1680	1440	85	53-130	
2,6-Dinitrotoluene	ug/kg	1680	1420	84	55-130	
2-Chloronaphthalene	ug/kg	1680	1370	81	48-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

LABORATORY CONTROL SAMPLE: 3216460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1680	1330	79	54-130	
2-Methylnaphthalene	ug/kg	1680	1350	80	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1680	1310	78	50-130	
2-Nitroaniline	ug/kg	3370	3190	95	49-130	v1
2-Nitrophenol	ug/kg	1680	1380	82	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1680	1390	82	50-130	
3,3'-Dichlorobenzidine	ug/kg	3370	2200	65	47-130	
3-Nitroaniline	ug/kg	3370	2130	63	45-130	IL
4,6-Dinitro-2-methylphenol	ug/kg	3370	2880	85	50-142	
4-Bromophenylphenyl ether	ug/kg	1680	1500	89	55-130	
4-Chloro-3-methylphenol	ug/kg	3370	2820	84	52-130	
4-Chloroaniline	ug/kg	3370	2410	72	49-130	
4-Chlorophenylphenyl ether	ug/kg	1680	1420	84	53-130	
4-Nitroaniline	ug/kg	3370	2510	75	51-130	
4-Nitrophenol	ug/kg	8420	8390	100	40-130	
Acenaphthene	ug/kg	1680	1440	86	56-130	
Acenaphthylene	ug/kg	1680	1420	84	58-130	
Aniline	ug/kg	1680	1290	77	44-130	
Anthracene	ug/kg	1680	1510	89	60-130	
Benzo(a)anthracene	ug/kg	1680	1590	95	59-130	
Benzo(b)fluoranthene	ug/kg	1680	1640	97	54-130	
Benzo(g,h,i)perylene	ug/kg	1680	1560	93	59-130	
Benzo(k)fluoranthene	ug/kg	1680	1590	94	54-130	
Benzoic Acid	ug/kg	8420	4820	57	19-130	
Benzyl alcohol	ug/kg	3370	2800	83	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1680	1340	80	55-130	
bis(2-Chloroethyl) ether	ug/kg	1680	1430	85	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1680	1840	109	58-130	v1
Butylbenzylphthalate	ug/kg	1680	1800	107	46-138	v1
Chrysene	ug/kg	1680	1520	90	57-130	
Di-n-butylphthalate	ug/kg	1680	1610	96	57-130	
Di-n-octylphthalate	ug/kg	1680	1800	107	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1680	1600	95	60-130	
Dibenzofuran	ug/kg	1680	1420	84	54-130	
Diethylphthalate	ug/kg	1680	1490	89	55-130	
Dimethylphthalate	ug/kg	1680	1440	85	57-130	
Fluoranthene	ug/kg	1680	1490	89	57-130	
Fluorene	ug/kg	1680	1470	87	56-130	
Hexachlorobenzene	ug/kg	1680	1440	86	53-130	
Hexachlorocyclopentadiene	ug/kg	1680	919	55	23-130	v3
Hexachloroethane	ug/kg	1680	1460	87	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1680	1610	96	61-130	
Isophorone	ug/kg	1680	1440	85	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1680	1560	92	52-130	
N-Nitrosodimethylamine	ug/kg	1680	1440	85	45-130	
N-Nitrosodiphenylamine	ug/kg	1680	1500	89	56-130	
Nitrobenzene	ug/kg	1680	1550	92	50-130	v1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

LABORATORY CONTROL SAMPLE: 3216460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3370	2260	67	33-130	
Phenanthrene	ug/kg	1680	1510	90	60-130	
Phenol	ug/kg	1680	1480	88	54-130	
Pyrene	ug/kg	1680	1680	100	61-130	
Pyridine	ug/kg	1680	1010	60	35-130	
2,4,6-Tribromophenol (S)	%			78	18-130	
2-Fluorobiphenyl (S)	%			78	19-130	
2-Fluorophenol (S)	%			80	18-130	
Nitrobenzene-d5 (S)	%			87	21-130	
Phenol-d6 (S)	%			79	18-130	
Terphenyl-d14 (S)	%			78	15-130	

MATRIX SPIKE SAMPLE: 3216461

Parameter	Units	92530074001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1990	1500	75	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1990	1710	86	30-130	v1
2,4,5-Trichlorophenol	ug/kg	ND	1990	1270	64	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1990	1220	61	23-130	
2,4-Dichlorophenol	ug/kg	ND	1990	1980	100	29-130	
2,4-Dimethylphenol	ug/kg	ND	1990	1560	79	13-130	
2,4-Dinitrophenol	ug/kg	ND	9940	6150	62	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1990	1490	75	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1990	1280	64	36-130	
2-Chloronaphthalene	ug/kg	ND	1990	1380	69	27-130	
2-Chlorophenol	ug/kg	ND	1990	1360	69	29-130	
2-Methylnaphthalene	ug/kg	ND	1990	1540	77	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1990	1310	66	20-130	
2-Nitroaniline	ug/kg	ND	3980	3220	81	29-130	v1
2-Nitrophenol	ug/kg	ND	1990	1650	83	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1990	1440	72	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3980	ND	4	15-130	M1
3-Nitroaniline	ug/kg	ND	3980	2750	69	28-130	IL
4,6-Dinitro-2-methylphenol	ug/kg	ND	3980	2850	72	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1990	1490	75	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3980	3080	78	30-130	
4-Chloroaniline	ug/kg	ND	3980	2020	51	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1990	1380	69	32-130	
4-Nitroaniline	ug/kg	ND	3980	1960	49	30-130	
4-Nitrophenol	ug/kg	ND	9940	6430	65	17-130	
Acenaphthene	ug/kg	ND	1990	1330	67	29-130	
Acenaphthylene	ug/kg	ND	1990	1340	67	31-130	
Aniline	ug/kg	ND	1990	717	36	10-130	
Anthracene	ug/kg	ND	1990	1470	74	33-130	
Benzo(a)anthracene	ug/kg	ND	1990	1620	81	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

MATRIX SPIKE SAMPLE: 3216461		92530074001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	1990	1650	83	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1990	1640	83	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1990	1580	79	31-130	
Benzoic Acid	ug/kg	ND	9940	10500	106	10-130	
Benzyl alcohol	ug/kg	ND	3980	2880	72	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1990	1460	73	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1990	1510	76	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1990	1840	92	40-130	v1
Butylbenzylphthalate	ug/kg	ND	1990	1860	94	40-130	v1
Chrysene	ug/kg	ND	1990	1560	78	30-130	
Di-n-butylphthalate	ug/kg	ND	1990	1680	85	41-130	
Di-n-octylphthalate	ug/kg	ND	1990	1900	96	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	1990	1710	86	27-130	
Dibenzofuran	ug/kg	ND	1990	1470	74	32-130	
Diethylphthalate	ug/kg	ND	1990	1460	73	40-130	
Dimethylphthalate	ug/kg	ND	1990	1300	65	37-130	
Fluoranthene	ug/kg	ND	1990	1620	81	26-130	
Fluorene	ug/kg	ND	1990	1450	73	31-130	
Hexachlorobenzene	ug/kg	ND	1990	1530	77	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1990	755	38	10-130	v3
Hexachloroethane	ug/kg	ND	1990	1440	72	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1990	1690	85	28-130	
Isophorone	ug/kg	ND	1990	1350	68	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1990	1830	92	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1990	1330	67	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1990	3170	160	32-130	M1
Nitrobenzene	ug/kg	ND	1990	1750	88	25-130	v1
Pentachlorophenol	ug/kg	ND	3980	2510	63	10-130	
Phenanthrene	ug/kg	ND	1990	1580	79	34-130	
Phenol	ug/kg	ND	1990	1430	72	14-130	
Pyrene	ug/kg	987	1990	2550	79	31-130	
Pyridine	ug/kg	ND	1990	337J	17	10-130	
2,4,6-Tribromophenol (S)	%				80	18-130	
2-Fluorobiphenyl (S)	%				66	19-130	
2-Fluorophenol (S)	%				71	18-130	
Nitrobenzene-d5 (S)	%				77	21-130	
Phenol-d6 (S)	%				72	18-130	
Terphenyl-d14 (S)	%				68	15-130	

SAMPLE DUPLICATE: 3216462

Parameter	Units	92530261001 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	v1
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

SAMPLE DUPLICATE: 3216462

Parameter	Units	92530261001 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30 v1	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	
3-Nitroaniline	ug/kg	ND	ND		30 IL	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30 v1	
Butylbenzylphthalate	ug/kg	ND	ND		30 v1	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30 v1	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30 v2	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

SAMPLE DUPLICATE: 3216462

Parameter	Units	92530261001 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30 v1	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	58	53			
2-Fluorobiphenyl (S)	%	29	29			
2-Fluorophenol (S)	%	43	41			
Nitrobenzene-d5 (S)	%	9	9			S2
Phenol-d6 (S)	%	44	41			
Terphenyl-d14 (S)	%	56	58			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

QC Batch:	610557	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530395001, 92530395002, 92530395003, 92530395004, 92530395005, 92530395006, 92530395007, 92530395008, 92530395009

SAMPLE DUPLICATE: 3215108

Parameter	Units	92530378001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	32.8	29.6	10	25	N2

SAMPLE DUPLICATE: 3215109

Parameter	Units	92530377002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	97.5	97.5	0	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030664

Pace Project No.: 92530395

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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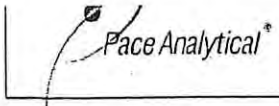
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030664
Pace Project No.: 92530395

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530395001	DA4-SB-8_SE_0-0.6_20210329	EPA 3546	611125	EPA 8082A	611368
92530395002	DA4-SB-8_SE_5-6_20210329	EPA 3546	611125	EPA 8082A	611368
92530395003	DA4-SB-8A_SE_0-0.6_20210329	EPA 3546	611125	EPA 8082A	611368
92530395004	DA4-SB-8A_SE_2-2.5_20210329	EPA 3546	611125	EPA 8082A	611368
92530395005	DA4-SB-8B_SE_0-0.6_20210329	EPA 3546	611125	EPA 8082A	611368
92530395006	DA4-SB-8B_SE_2-2.5_20210329	EPA 3546	611125	EPA 8082A	611368
92530395007	DA4-SB-9_SE_0-0.6_20210329	EPA 3546	611125	EPA 8082A	611368
92530395008	DA4-SB-9_SE_7-8_20210329	EPA 3546	611125	EPA 8082A	611368
92530395009	FD-2_SE_20210329	EPA 3546	611125	EPA 8082A	611368
92530395001	DA4-SB-8_SE_0-0.6_20210329	EPA 3546	610716	EPA 8270E	611075
92530395002	DA4-SB-8_SE_5-6_20210329	EPA 3546	610716	EPA 8270E	611075
92530395003	DA4-SB-8A_SE_0-0.6_20210329	EPA 3546	610716	EPA 8270E	611075
92530395004	DA4-SB-8A_SE_2-2.5_20210329	EPA 3546	610716	EPA 8270E	611075
92530395005	DA4-SB-8B_SE_0-0.6_20210329	EPA 3546	610716	EPA 8270E	611075
92530395006	DA4-SB-8B_SE_2-2.5_20210329	EPA 3546	610716	EPA 8270E	611075
92530395007	DA4-SB-9_SE_0-0.6_20210329	EPA 3546	610716	EPA 8270E	611075
92530395008	DA4-SB-9_SE_7-8_20210329	EPA 3546	610716	EPA 8270E	611075
92530395009	FD-2_SE_20210329	EPA 3546	610716	EPA 8270E	611075
92530395001	DA4-SB-8_SE_0-0.6_20210329	EPA 3546	610812	EPA 8270E	611357
92530395002	DA4-SB-8_SE_5-6_20210329	EPA 3546	610812	EPA 8270E	611357
92530395003	DA4-SB-8A_SE_0-0.6_20210329	EPA 3546	610812	EPA 8270E	611357
92530395004	DA4-SB-8A_SE_2-2.5_20210329	EPA 3546	610812	EPA 8270E	611357
92530395005	DA4-SB-8B_SE_0-0.6_20210329	EPA 3546	610812	EPA 8270E	611357
92530395006	DA4-SB-8B_SE_2-2.5_20210329	EPA 3546	610812	EPA 8270E	611357
92530395007	DA4-SB-9_SE_0-0.6_20210329	EPA 3546	610812	EPA 8270E	611357
92530395008	DA4-SB-9_SE_7-8_20210329	EPA 3546	610812	EPA 8270E	611357
92530395009	FD-2_SE_20210329	EPA 3546	610812	EPA 8270E	611357
92530395010	TRIP BLANK	EPA 8260D	610462		
92530395001	DA4-SB-8_SE_0-0.6_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395002	DA4-SB-8_SE_5-6_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395003	DA4-SB-8A_SE_0-0.6_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395004	DA4-SB-8A_SE_2-2.5_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395005	DA4-SB-8B_SE_0-0.6_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395006	DA4-SB-8B_SE_2-2.5_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395007	DA4-SB-9_SE_0-0.6_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395008	DA4-SB-9_SE_7-8_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395009	FD-2_SE_20210329	EPA 5035A/5030B	610533	EPA 8260D	610591
92530395001	DA4-SB-8_SE_0-0.6_20210329	SW-846	610557		
92530395002	DA4-SB-8_SE_5-6_20210329	SW-846	610557		
92530395003	DA4-SB-8A_SE_0-0.6_20210329	SW-846	610557		
92530395004	DA4-SB-8A_SE_2-2.5_20210329	SW-846	610557		
92530395005	DA4-SB-8B_SE_0-0.6_20210329	SW-846	610557		
92530395006	DA4-SB-8B_SE_2-2.5_20210329	SW-846	610557		
92530395007	DA4-SB-9_SE_0-0.6_20210329	SW-846	610557		
92530395008	DA4-SB-9_SE_7-8_20210329	SW-846	610557		
92530395009	FD-2_SE_20210329	SW-846	610557		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
Upon Receipt

Client Name: Synterra Project #:

WO#: **92530395**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-31-21
AMW

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 92T064 Type of Ice: Wet Blue None

Cooler Temp: 4.4 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.4

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A -Includes Date/Time/ID/Analysis Matrix: <u>SL</u>	9.
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92530395

PM: KLH1

Due Date: 04/06/21

CLIENT: 92-Duke Ener

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A -- lab)	SP2T-250 mL Sterile Plastic (N/A -- lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: **Synterra**
Address: **148 River Street**
Suite 220, Greenville, SC 29601
Email To: **kking@synterracorp.com**
Phone: **[]** Fax: **[]**
Requested Due Date: **Standard TAT**

Section B
Required Project Information:

Report To: **Tom King**
Copy To: **Heather Smith**
Purchase Order #: **[]**
Project Name: **Former Bramlette MGP**
Project Number: **00.2731.00.04**

Section C
Invoice Information:

Attention: **[]**
Company Name: **[]**
Address: **[]**
Pace Quote: **[]**
Pace Project Manager: **Kevin Herring**
Pace Profile #: **7754**

Page: **1** Of **1**

Regulatory Agency: **[]**
State / Location: **SC**

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLE CONDITIONS																								
			START DATE	START TIME	END DATE			END TIME	Unpreserved	H2SO4	HNO3	HCl	NaOH					Na2S2O3	Methanol	Other	8260	8270 & 8270 LV	8082	Trip Blank	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)															
1	DA4-SB-8_SE_0-0.6_20210329	SL C	3/29/2021	11:45	--	--	5									X	X	X																								
2	DA4-SB-8_SE_5-6_20210329	SL C	3/29/2021	13:20	--	--	5									X	X	X																								
3	DA4-SB-8A_SE_0-0.6_20210329	SL C	3/29/2021	14:20	--	--	5									X	X	X																								
4	DA4-SB-9A_SE_2-2.5_20210329	SL C	3/29/2021	14:35	--	--	5									X	X	X																								
5	DA4-SB-8B_SE_0-0.6_20210329	SL C	3/29/2021	13:45	--	--	5									X	X	X																								
6	DA4-SB-8B_SE_2-2.5_20210329	SL C	3/29/2021	14:00	--	--	5									X	X	X																								
7	DA4-SB-9_SE_0-0.6_20210329	SL C	3/29/2021	15:15	--	--	5									X	X	X																								
8	DA4-SB-9_SE_7-8_20210329	SL C	3/29/2021	16:15	--	--	5									X	X	X																								
9	FD-2_SE_20210329	SL C	3/29/2021	15:20	--	--	5									X	X	X																								
10	TRIP BLANK	WT G	3/29/2021	--	--	--	2																					X														
11																																										
12																																										

*Ca, Mg, Fe, Mn + Hardness

RELINQUISHED BY / AFFILIATION: **Tom King / Synterra** DATE: **3/29/21** TIME: **18:00**

ACCEPTED BY / AFFILIATION: **Synterra C/N St. George** DATE: **3/29/21** TIME: **18:00**

SAMPLER NAME AND SIGNATURE: **[Signature]** PRINT Name of SAMPLER: **Tom King** DATE Signed: **3/30/21**

SIGNATURE OF SAMPLER: **[Signature]**

TEMP in C: **41.4** Received on Ice (Y/N): **Y** Custody Sealed Cooler (Y/N): **N** Samples Intact (Y/N): **Y**

April 08, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92530693001	DA4-SB-10_SE_0-0.6_20210330	Solid	03/30/21 08:45	03/31/21 12:08
92530693002	DA4-SB-10_SE_5-6_20210330	Solid	03/30/21 09:00	03/31/21 12:08
92530693003	DA4-SB-10A_SE_0-0.6_20210330	Solid	03/30/21 10:30	03/31/21 12:08
92530693004	DA4-SB-10A_SE_2-2.5_20210330	Solid	03/30/21 10:45	03/31/21 12:08
92530693005	DA4-SB-10B_SE_0-0.6_20210330	Solid	03/30/21 09:45	03/31/21 12:08
92530693006	DA4-SB-10B_SE_2-2.5_20210330	Solid	03/30/21 10:00	03/31/21 12:08
92530693007	DA4-SB-11_SE_0-0.6_20210330	Solid	03/30/21 11:20	03/31/21 12:08
92530693008	DA4-SB-11_SE_6-7_20210330	Solid	03/30/21 13:30	03/31/21 12:08
92530693009	DA4-SB-11A_SE_0-0.6_20210330	Solid	03/30/21 11:40	03/31/21 12:08
92530693010	DA4-SB-11A_SE_2-2.5_20210330	Solid	03/30/21 14:30	03/31/21 12:08
92530693011	DA4-SB-11B_SE_0-0.6_20210330	Solid	03/30/21 11:30	03/31/21 12:08
92530693012	DA4-SB-11B_SE_2-2.5_20210330	Solid	03/30/21 14:00	03/31/21 12:08
92530693013	DA4-SB-12_SE_0-0.6_20210330	Solid	03/30/21 15:15	03/31/21 12:08
92530693014	DA4-SB-12_SE_4-5_20210330	Solid	03/30/21 15:30	03/31/21 12:08
92530693015	TRIP BLANK	Water	03/31/21 00:00	03/31/21 12:08

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530693001	DA4-SB-10_SE_0-0.6_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693002	DA4-SB-10_SE_5-6_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693003	DA4-SB-10A_SE_0-0.6_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693004	DA4-SB-10A_SE_2-2.5_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693005	DA4-SB-10B_SE_0-0.6_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693006	DA4-SB-10B_SE_2-2.5_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693007	DA4-SB-11_SE_0-0.6_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693008	DA4-SB-11_SE_6-7_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92530693009	DA4-SB-11A_SE_0-0.6_20210330	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
92530693010	DA4-SB-11A_SE_2-2.5_20210330	EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
92530693011	DA4-SB-11B_SE_0-0.6_20210330	SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92530693012	DA4-SB-11B_SE_2-2.5_20210330	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
92530693013	DA4-SB-12_SE_0-0.6_20210330	EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
92530693014	DA4-SB-12_SE_4-5_20210330	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
92530693015	TRIP BLANK	EPA 8260D	PM1	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92530693001	DA4-SB-10_SE_0-0.6_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	79.2	ug/kg	62.8	04/06/21 10:09	
EPA 8270E	Benzo(a)pyrene	102	ug/kg	19.2	04/06/21 10:03	
EPA 8260D	Naphthalene	47.6	ug/kg	14.7	04/01/21 18:31	
EPA 8260D	Toluene	10.6J	ug/kg	14.7	04/01/21 18:31	
EPA 8260D	Xylene (Total)	12.6J	ug/kg	29.4	04/01/21 18:31	
EPA 8260D	m&p-Xylene	12.6J	ug/kg	29.4	04/01/21 18:31	
SW-846	Percent Moisture	48.3	%	0.10	04/01/21 13:40	N2
92530693002	DA4-SB-10_SE_5-6_20210330					
EPA 8270E	Benzo(a)pyrene	9.7J	ug/kg	13.9	04/06/21 10:23	
EPA 8260D	Naphthalene	9.1	ug/kg	7.6	04/01/21 19:07	
SW-846	Percent Moisture	28.3	%	0.10	04/01/21 13:40	N2
92530693003	DA4-SB-10A_SE_0-0.6_20210330					
EPA 8260D	Toluene	4.9J	ug/kg	9.4	04/01/21 19:25	
SW-846	Percent Moisture	34.5	%	0.10	04/01/21 13:41	N2
92530693004	DA4-SB-10A_SE_2-2.5_20210330					
SW-846	Percent Moisture	30.2	%	0.10	04/01/21 13:41	N2
92530693005	DA4-SB-10B_SE_0-0.6_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	36.1J	ug/kg	57.8	04/06/21 11:06	
EPA 8270E	Benzo(a)pyrene	1370	ug/kg	17.2	04/06/21 12:04	
EPA 8270E	Anthracene	329J	ug/kg	578	04/06/21 12:14	
EPA 8270E	Benzo(a)anthracene	920	ug/kg	578	04/06/21 12:14	
EPA 8270E	Benzo(b)fluoranthene	964	ug/kg	578	04/06/21 12:14	
EPA 8270E	Benzo(g,h,i)perylene	528J	ug/kg	578	04/06/21 12:14	
EPA 8270E	Benzo(k)fluoranthene	409J	ug/kg	578	04/06/21 12:14	
EPA 8270E	Chrysene	754	ug/kg	578	04/06/21 12:14	
EPA 8270E	Fluoranthene	1800	ug/kg	578	04/06/21 12:14	
EPA 8270E	Indeno(1,2,3-cd)pyrene	485J	ug/kg	578	04/06/21 12:14	
EPA 8270E	Phenanthrene	774	ug/kg	578	04/06/21 12:14	
EPA 8270E	Pyrene	1670	ug/kg	578	04/06/21 12:14	
EPA 8260D	Ethylbenzene	8.5J	ug/kg	12.8	04/01/21 20:02	
EPA 8260D	Naphthalene	85.3	ug/kg	12.8	04/01/21 20:02	
EPA 8260D	Toluene	18.8	ug/kg	12.8	04/01/21 20:02	
EPA 8260D	1,2,4-Trimethylbenzene	11.1J	ug/kg	12.8	04/01/21 20:02	
EPA 8260D	Xylene (Total)	35.5	ug/kg	25.5	04/01/21 20:02	
EPA 8260D	m&p-Xylene	23.7J	ug/kg	25.5	04/01/21 20:02	
EPA 8260D	o-Xylene	11.8J	ug/kg	12.8	04/01/21 20:02	
SW-846	Percent Moisture	42.1	%	0.10	04/01/21 13:41	N2
92530693006	DA4-SB-10B_SE_2-2.5_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	54.2	ug/kg	46.4	04/06/21 11:21	
EPA 8270E	Benzo(a)pyrene	39.7	ug/kg	14.4	04/06/21 12:24	
EPA 8270E	Benzo(a)anthracene	211J	ug/kg	477	04/06/21 12:41	
EPA 8270E	Benzo(b)fluoranthene	245J	ug/kg	477	04/06/21 12:41	
EPA 8270E	Chrysene	185J	ug/kg	477	04/06/21 12:41	
EPA 8270E	Fluoranthene	339J	ug/kg	477	04/06/21 12:41	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92530693006	DA4-SB-10B_SE_2-2.5_20210330					
EPA 8270E	Pyrene	322J	ug/kg	477	04/06/21 12:41	
EPA 8260D	Naphthalene	12.2	ug/kg	9.8	04/01/21 20:20	
EPA 8260D	Toluene	6.3J	ug/kg	9.8	04/01/21 20:20	
SW-846	Percent Moisture	30.1	%	0.10	04/01/21 13:41	N2
92530693007	DA4-SB-11_SE_0-0.6_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	275	ug/kg	71.3	04/06/21 11:35	
EPA 8270E	Benzo(a)pyrene	194	ug/kg	21.7	04/06/21 12:45	
EPA 8270E	Benzo(b)fluoranthene	1220J	ug/kg	3550	04/06/21 17:38	
EPA 8270E	Fluoranthene	1910J	ug/kg	3550	04/06/21 17:38	
EPA 8270E	Pyrene	1640J	ug/kg	3550	04/06/21 17:38	
EPA 8260D	Acetone	498	ug/kg	394	04/01/21 20:38	
EPA 8260D	2-Butanone (MEK)	254J	ug/kg	394	04/01/21 20:38	
EPA 8260D	1,4-Dichlorobenzene	14.1J	ug/kg	19.7	04/01/21 20:38	
EPA 8260D	Ethylbenzene	12.6J	ug/kg	19.7	04/01/21 20:38	
EPA 8260D	Naphthalene	147	ug/kg	19.7	04/01/21 20:38	
EPA 8260D	Toluene	15.8J	ug/kg	19.7	04/01/21 20:38	
EPA 8260D	1,2,4-Trimethylbenzene	13.9J	ug/kg	19.7	04/01/21 20:38	
EPA 8260D	Xylene (Total)	34.0J	ug/kg	39.4	04/01/21 20:38	
EPA 8260D	m&p-Xylene	23.8J	ug/kg	39.4	04/01/21 20:38	
EPA 8260D	o-Xylene	10.3J	ug/kg	19.7	04/01/21 20:38	
SW-846	Percent Moisture	54.0	%	0.10	04/01/21 13:41	N2
92530693008	DA4-SB-11_SE_6-7_20210330					
EPA 8270E	Benzo(a)pyrene	38.2	ug/kg	16.2	04/06/21 13:05	
EPA 8260D	Acetone	137J	ug/kg	198	04/01/21 20:56	
EPA 8260D	p-Isopropyltoluene	12.3	ug/kg	9.9	04/01/21 20:56	
EPA 8260D	Naphthalene	33.3	ug/kg	9.9	04/01/21 20:56	
SW-846	Percent Moisture	37.4	%	0.10	04/01/21 13:41	N2
92530693009	DA4-SB-11A_SE_0-0.6_20210330					
EPA 8270E	Benzo(a)pyrene	57.8	ug/kg	15.7	04/06/21 13:25	
EPA 8260D	Naphthalene	5.5J	ug/kg	10.3	04/01/21 21:14	
SW-846	Percent Moisture	36.8	%	0.10	04/01/21 13:41	N2
92530693010	DA4-SB-11A_SE_2-2.5_20210330					
EPA 8270E	Benzo(a)pyrene	41.0	ug/kg	14.9	04/06/21 13:45	
EPA 8260D	Naphthalene	5.7J	ug/kg	9.3	04/01/21 21:32	
SW-846	Percent Moisture	32.6	%	0.10	04/01/21 13:41	N2
92530693011	DA4-SB-11B_SE_0-0.6_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	67.2	ug/kg	54.1	04/06/21 12:47	
EPA 8270E	Benzo(a)pyrene	233	ug/kg	16.2	04/06/21 14:06	
EPA 8260D	Acetone	73.1J	ug/kg	223	04/01/21 21:50	
EPA 8260D	Ethylbenzene	9.0J	ug/kg	11.2	04/01/21 21:50	
EPA 8260D	Naphthalene	71.2	ug/kg	11.2	04/01/21 21:50	
EPA 8260D	Toluene	19.3	ug/kg	11.2	04/01/21 21:50	
EPA 8260D	Xylene (Total)	18.7J	ug/kg	22.3	04/01/21 21:50	
EPA 8260D	m&p-Xylene	18.7J	ug/kg	22.3	04/01/21 21:50	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92530693011	DA4-SB-11B_SE_0-0.6_20210330					
SW-846	Percent Moisture	38.6	%	0.10	04/01/21 13:41	N2
92530693012	DA4-SB-11B_SE_2-2.5_20210330					
SW-846	Percent Moisture	29.8	%	0.10	04/01/21 13:42	N2
92530693013	DA4-SB-12_SE_0-0.6_20210330					
EPA 8082A	PCB-1260 (Aroclor 1260)	119	ug/kg	67.9	04/06/21 13:29	
EPA 8270E	Benzo(a)pyrene	80.0	ug/kg	20.9	04/06/21 14:46	
EPA 8260D	Acetone	378J	ug/kg	412	04/01/21 22:26	
EPA 8260D	2-Butanone (MEK)	178J	ug/kg	412	04/01/21 22:26	
EPA 8260D	Naphthalene	55.8	ug/kg	20.6	04/01/21 22:26	
EPA 8260D	Toluene	20.3J	ug/kg	20.6	04/01/21 22:26	
SW-846	Percent Moisture	51.9	%	0.10	04/01/21 13:42	N2
92530693014	DA4-SB-12_SE_4-5_20210330					
EPA 8270E	Benzo(a)pyrene	3.7J	ug/kg	13.6	04/06/21 15:06	
EPA 8260D	Acetone	131J	ug/kg	162	04/01/21 22:44	
EPA 8260D	Toluene	24.4	ug/kg	8.1	04/01/21 22:44	
SW-846	Percent Moisture	27.8	%	0.10	04/01/21 13:42	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Method: EPA 8082A
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 08, 2021

General Information:

14 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: April 08, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 611344

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3218580)
- Terphenyl-d14 (S)

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3218579)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: April 08, 2021

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 08, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611441

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3218925)
 - Nitrobenzene
- DA4-SB-10A_SE_0-0.6_20210330 (Lab ID: 92530693003)
 - Nitrobenzene
- DA4-SB-10A_SE_2-2.5_20210330 (Lab ID: 92530693004)
 - Nitrobenzene
- DA4-SB-10B_SE_0-0.6_20210330 (Lab ID: 92530693005)
 - Nitrobenzene
- DA4-SB-10B_SE_2-2.5_20210330 (Lab ID: 92530693006)
 - Nitrobenzene
- DA4-SB-10_SE_0-0.6_20210330 (Lab ID: 92530693001)
 - Nitrobenzene
- DA4-SB-10_SE_5-6_20210330 (Lab ID: 92530693002)
 - Nitrobenzene
- DA4-SB-11A_SE_0-0.6_20210330 (Lab ID: 92530693009)
 - Nitrobenzene
- DA4-SB-11A_SE_2-2.5_20210330 (Lab ID: 92530693010)
 - Nitrobenzene
- DA4-SB-11B_SE_0-0.6_20210330 (Lab ID: 92530693011)
 - Nitrobenzene
- DA4-SB-11B_SE_2-2.5_20210330 (Lab ID: 92530693012)
 - Nitrobenzene
- DA4-SB-11_SE_0-0.6_20210330 (Lab ID: 92530693007)
 - Nitrobenzene
- DA4-SB-11_SE_6-7_20210330 (Lab ID: 92530693008)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 08, 2021

QC Batch: 611441

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Nitrobenzene
- DA4-SB-12_SE_0-0.6_20210330 (Lab ID: 92530693013)
 - Nitrobenzene
- DUP (Lab ID: 3218928)
 - Nitrobenzene
- LCS (Lab ID: 3218926)
 - Nitrobenzene
- MS (Lab ID: 3218927)
 - Nitrobenzene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 611441

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92530446001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3218927)
 - Benzoic Acid

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 611441

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-11_SE_0-0.6_20210330 (Lab ID: 92530693007)
 - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 08, 2021

Analyte Comments:

QC Batch: 611441

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- MS (Lab ID: 3218927)
- Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 08, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 610947

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3217069)
 - 2-Butanone (MEK)
 - Acetone
 - Vinyl acetate
- MSD (Lab ID: 3217070)
 - 2-Butanone (MEK)
 - Acetone
 - Vinyl acetate

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3217067)
 - Bromomethane
- TRIP BLANK (Lab ID: 92530693015)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3217068)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 08, 2021

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 08, 2021

General Information:

14 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 610874

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3216745)
- Vinyl acetate

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 610874

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92530693002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3216747)
- Chloromethane

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 08, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_0-0.6_20210330 **Lab ID:** 92530693001 Collected: 03/30/21 08:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	62.8	23.0	1	04/05/21 15:59	04/06/21 10:09	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	62.8	24.2	1	04/05/21 15:59	04/06/21 10:09	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	62.8	22.0	1	04/05/21 15:59	04/06/21 10:09	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	62.8	11.8	1	04/05/21 15:59	04/06/21 10:09	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	62.8	15.7	1	04/05/21 15:59	04/06/21 10:09	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	62.8	11.8	1	04/05/21 15:59	04/06/21 10:09	11097-69-1	
PCB-1260 (Aroclor 1260)	79.2	ug/kg	62.8	15.0	1	04/05/21 15:59	04/06/21 10:09	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	63	%	10-160		1	04/05/21 15:59	04/06/21 10:09	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	102	ug/kg	19.2	2.0	1	04/05/21 12:02	04/06/21 10:03	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	80	%	31-130		1	04/05/21 12:02	04/06/21 10:03	321-60-8	
Nitrobenzene-d5 (S)	105	%	32-130		1	04/05/21 12:02	04/06/21 10:03	4165-60-0	
Terphenyl-d14 (S)	116	%	24-130		1	04/05/21 12:02	04/06/21 10:03	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	645	227	1	04/05/21 15:57	04/06/21 10:27	83-32-9	
Acenaphthylene	ND	ug/kg	645	227	1	04/05/21 15:57	04/06/21 10:27	208-96-8	
Aniline	ND	ug/kg	645	252	1	04/05/21 15:57	04/06/21 10:27	62-53-3	
Anthracene	ND	ug/kg	645	211	1	04/05/21 15:57	04/06/21 10:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	645	215	1	04/05/21 15:57	04/06/21 10:27	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	645	215	1	04/05/21 15:57	04/06/21 10:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	645	250	1	04/05/21 15:57	04/06/21 10:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	645	227	1	04/05/21 15:57	04/06/21 10:27	207-08-9	
Benzoic Acid	ND	ug/kg	3230	1390	1	04/05/21 15:57	04/06/21 10:27	65-85-0	
Benzyl alcohol	ND	ug/kg	1290	489	1	04/05/21 15:57	04/06/21 10:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	645	248	1	04/05/21 15:57	04/06/21 10:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	645	272	1	04/05/21 15:57	04/06/21 10:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1290	453	1	04/05/21 15:57	04/06/21 10:27	59-50-7	
4-Chloroaniline	ND	ug/kg	1290	506	1	04/05/21 15:57	04/06/21 10:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	645	268	1	04/05/21 15:57	04/06/21 10:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	645	242	1	04/05/21 15:57	04/06/21 10:27	111-44-4	
2-Chloronaphthalene	ND	ug/kg	645	256	1	04/05/21 15:57	04/06/21 10:27	91-58-7	
2-Chlorophenol	ND	ug/kg	645	242	1	04/05/21 15:57	04/06/21 10:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	645	240	1	04/05/21 15:57	04/06/21 10:27	7005-72-3	
Chrysene	ND	ug/kg	645	235	1	04/05/21 15:57	04/06/21 10:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	645	248	1	04/05/21 15:57	04/06/21 10:27	53-70-3	
Dibenzofuran	ND	ug/kg	645	233	1	04/05/21 15:57	04/06/21 10:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1290	436	1	04/05/21 15:57	04/06/21 10:27	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: **DA4-SB-10_SE_0-0.6_20210330** Lab ID: **92530693001** Collected: 03/30/21 08:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	645	252	1	04/05/21 15:57	04/06/21 10:27	120-83-2	
Diethylphthalate	ND	ug/kg	645	237	1	04/05/21 15:57	04/06/21 10:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	645	268	1	04/05/21 15:57	04/06/21 10:27	105-67-9	
Dimethylphthalate	ND	ug/kg	645	235	1	04/05/21 15:57	04/06/21 10:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	645	217	1	04/05/21 15:57	04/06/21 10:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1290	602	1	04/05/21 15:57	04/06/21 10:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3230	1990	1	04/05/21 15:57	04/06/21 10:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	645	248	1	04/05/21 15:57	04/06/21 10:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	645	237	1	04/05/21 15:57	04/06/21 10:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	645	254	1	04/05/21 15:57	04/06/21 10:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	645	250	1	04/05/21 15:57	04/06/21 10:27	117-81-7	
Fluoranthene	ND	ug/kg	645	221	1	04/05/21 15:57	04/06/21 10:27	206-44-0	
Fluorene	ND	ug/kg	645	227	1	04/05/21 15:57	04/06/21 10:27	86-73-7	
Hexachlorobenzene	ND	ug/kg	645	252	1	04/05/21 15:57	04/06/21 10:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	645	369	1	04/05/21 15:57	04/06/21 10:27	77-47-4	
Hexachloroethane	ND	ug/kg	645	246	1	04/05/21 15:57	04/06/21 10:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	645	254	1	04/05/21 15:57	04/06/21 10:27	193-39-5	
Isophorone	ND	ug/kg	645	287	1	04/05/21 15:57	04/06/21 10:27	78-59-1	
1-Methylnaphthalene	ND	ug/kg	645	227	1	04/05/21 15:57	04/06/21 10:27	90-12-0	
2-Methylnaphthalene	ND	ug/kg	645	258	1	04/05/21 15:57	04/06/21 10:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	645	264	1	04/05/21 15:57	04/06/21 10:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	645	260	1	04/05/21 15:57	04/06/21 10:27	15831-10-4	
2-Nitroaniline	ND	ug/kg	3230	528	1	04/05/21 15:57	04/06/21 10:27	88-74-4	IL
3-Nitroaniline	ND	ug/kg	3230	506	1	04/05/21 15:57	04/06/21 10:27	99-09-2	
4-Nitroaniline	ND	ug/kg	1290	491	1	04/05/21 15:57	04/06/21 10:27	100-01-6	
Nitrobenzene	ND	ug/kg	645	299	1	04/05/21 15:57	04/06/21 10:27	98-95-3	v1
2-Nitrophenol	ND	ug/kg	645	280	1	04/05/21 15:57	04/06/21 10:27	88-75-5	
4-Nitrophenol	ND	ug/kg	3230	1250	1	04/05/21 15:57	04/06/21 10:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	645	217	1	04/05/21 15:57	04/06/21 10:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	645	242	1	04/05/21 15:57	04/06/21 10:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	645	229	1	04/05/21 15:57	04/06/21 10:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	645	307	1	04/05/21 15:57	04/06/21 10:27	108-60-1	
Pentachlorophenol	ND	ug/kg	1290	631	1	04/05/21 15:57	04/06/21 10:27	87-86-5	
Phenanthrene	ND	ug/kg	645	211	1	04/05/21 15:57	04/06/21 10:27	85-01-8	
Phenol	ND	ug/kg	645	287	1	04/05/21 15:57	04/06/21 10:27	108-95-2	
Pyrene	ND	ug/kg	645	262	1	04/05/21 15:57	04/06/21 10:27	129-00-0	
Pyridine	ND	ug/kg	645	203	1	04/05/21 15:57	04/06/21 10:27	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	645	295	1	04/05/21 15:57	04/06/21 10:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	645	266	1	04/05/21 15:57	04/06/21 10:27	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	54	%	21-130		1	04/05/21 15:57	04/06/21 10:27	4165-60-0	
2-Fluorobiphenyl (S)	41	%	19-130		1	04/05/21 15:57	04/06/21 10:27	321-60-8	
Terphenyl-d14 (S)	72	%	15-130		1	04/05/21 15:57	04/06/21 10:27	1718-51-0	
Phenol-d6 (S)	46	%	18-130		1	04/05/21 15:57	04/06/21 10:27	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_0-0.6_20210330 **Lab ID:** 92530693001 Collected: 03/30/21 08:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	46	%	18-130		1	04/05/21 15:57	04/06/21 10:27	367-12-4	
2,4,6-Tribromophenol (S)	61	%	18-130		1	04/05/21 15:57	04/06/21 10:27	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	294	94.5	1	04/01/21 16:46	04/01/21 18:31	67-64-1	
Benzene	ND	ug/kg	14.7	5.9	1	04/01/21 16:46	04/01/21 18:31	71-43-2	
Bromobenzene	ND	ug/kg	14.7	4.8	1	04/01/21 16:46	04/01/21 18:31	108-86-1	
Bromochloromethane	ND	ug/kg	14.7	4.4	1	04/01/21 16:46	04/01/21 18:31	74-97-5	
Bromodichloromethane	ND	ug/kg	14.7	5.7	1	04/01/21 16:46	04/01/21 18:31	75-27-4	
Bromoform	ND	ug/kg	14.7	5.2	1	04/01/21 16:46	04/01/21 18:31	75-25-2	
Bromomethane	ND	ug/kg	29.4	23.3	1	04/01/21 16:46	04/01/21 18:31	74-83-9	
2-Butanone (MEK)	ND	ug/kg	294	70.7	1	04/01/21 16:46	04/01/21 18:31	78-93-3	
n-Butylbenzene	ND	ug/kg	14.7	6.9	1	04/01/21 16:46	04/01/21 18:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	14.7	6.5	1	04/01/21 16:46	04/01/21 18:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	14.7	5.2	1	04/01/21 16:46	04/01/21 18:31	98-06-6	
Carbon tetrachloride	ND	ug/kg	14.7	5.5	1	04/01/21 16:46	04/01/21 18:31	56-23-5	
Chlorobenzene	ND	ug/kg	14.7	2.8	1	04/01/21 16:46	04/01/21 18:31	108-90-7	
Chloroethane	ND	ug/kg	29.4	11.4	1	04/01/21 16:46	04/01/21 18:31	75-00-3	
Chloroform	ND	ug/kg	14.7	9.0	1	04/01/21 16:46	04/01/21 18:31	67-66-3	
Chloromethane	ND	ug/kg	29.4	12.4	1	04/01/21 16:46	04/01/21 18:31	74-87-3	
2-Chlorotoluene	ND	ug/kg	14.7	5.2	1	04/01/21 16:46	04/01/21 18:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	14.7	2.6	1	04/01/21 16:46	04/01/21 18:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	14.7	5.7	1	04/01/21 16:46	04/01/21 18:31	96-12-8	
Dibromochloromethane	ND	ug/kg	14.7	8.3	1	04/01/21 16:46	04/01/21 18:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	14.7	6.5	1	04/01/21 16:46	04/01/21 18:31	106-93-4	
Dibromomethane	ND	ug/kg	14.7	3.2	1	04/01/21 16:46	04/01/21 18:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	14.7	5.3	1	04/01/21 16:46	04/01/21 18:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	14.7	4.6	1	04/01/21 16:46	04/01/21 18:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	14.7	3.8	1	04/01/21 16:46	04/01/21 18:31	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	29.4	6.4	1	04/01/21 16:46	04/01/21 18:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	14.7	6.1	1	04/01/21 16:46	04/01/21 18:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	14.7	9.7	1	04/01/21 16:46	04/01/21 18:31	107-06-2	
1,1-Dichloroethene	ND	ug/kg	14.7	6.1	1	04/01/21 16:46	04/01/21 18:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	14.7	5.0	1	04/01/21 16:46	04/01/21 18:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	14.7	5.2	1	04/01/21 16:46	04/01/21 18:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	14.7	4.4	1	04/01/21 16:46	04/01/21 18:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	14.7	4.6	1	04/01/21 16:46	04/01/21 18:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	14.7	4.8	1	04/01/21 16:46	04/01/21 18:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	14.7	7.1	1	04/01/21 16:46	04/01/21 18:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	14.7	4.0	1	04/01/21 16:46	04/01/21 18:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	14.7	5.1	1	04/01/21 16:46	04/01/21 18:31	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_0-0.6_20210330 Lab ID: 92530693001 Collected: 03/30/21 08:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	14.7	4.0	1	04/01/21 16:46	04/01/21 18:31	108-20-3	
Ethylbenzene	ND	ug/kg	14.7	6.9	1	04/01/21 16:46	04/01/21 18:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	29.4	24.1	1	04/01/21 16:46	04/01/21 18:31	87-68-3	
2-Hexanone	ND	ug/kg	147	14.2	1	04/01/21 16:46	04/01/21 18:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	14.7	5.0	1	04/01/21 16:46	04/01/21 18:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	14.7	7.2	1	04/01/21 16:46	04/01/21 18:31	99-87-6	
Methylene Chloride	ND	ug/kg	58.9	40.3	1	04/01/21 16:46	04/01/21 18:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	147	14.2	1	04/01/21 16:46	04/01/21 18:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	14.7	5.5	1	04/01/21 16:46	04/01/21 18:31	1634-04-4	
Naphthalene	47.6	ug/kg	14.7	7.7	1	04/01/21 16:46	04/01/21 18:31	91-20-3	
n-Propylbenzene	ND	ug/kg	14.7	5.2	1	04/01/21 16:46	04/01/21 18:31	103-65-1	
Styrene	ND	ug/kg	14.7	3.9	1	04/01/21 16:46	04/01/21 18:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	14.7	5.7	1	04/01/21 16:46	04/01/21 18:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	14.7	3.9	1	04/01/21 16:46	04/01/21 18:31	79-34-5	
Tetrachloroethene	ND	ug/kg	14.7	4.7	1	04/01/21 16:46	04/01/21 18:31	127-18-4	
Toluene	10.6J	ug/kg	14.7	4.2	1	04/01/21 16:46	04/01/21 18:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	14.7	11.9	1	04/01/21 16:46	04/01/21 18:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	14.7	12.4	1	04/01/21 16:46	04/01/21 18:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	14.7	7.7	1	04/01/21 16:46	04/01/21 18:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	14.7	4.9	1	04/01/21 16:46	04/01/21 18:31	79-00-5	
Trichloroethene	ND	ug/kg	14.7	3.8	1	04/01/21 16:46	04/01/21 18:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	14.7	8.1	1	04/01/21 16:46	04/01/21 18:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	14.7	7.4	1	04/01/21 16:46	04/01/21 18:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	14.7	4.0	1	04/01/21 16:46	04/01/21 18:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	14.7	4.9	1	04/01/21 16:46	04/01/21 18:31	108-67-8	
Vinyl acetate	ND	ug/kg	147	10.7	1	04/01/21 16:46	04/01/21 18:31	108-05-4	L1
Vinyl chloride	ND	ug/kg	29.4	7.5	1	04/01/21 16:46	04/01/21 18:31	75-01-4	
Xylene (Total)	12.6J	ug/kg	29.4	8.4	1	04/01/21 16:46	04/01/21 18:31	1330-20-7	
m&p-Xylene	12.6J	ug/kg	29.4	10.1	1	04/01/21 16:46	04/01/21 18:31	179601-23-1	
o-Xylene	ND	ug/kg	14.7	6.5	1	04/01/21 16:46	04/01/21 18:31	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 18:31	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 18:31	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1	04/01/21 16:46	04/01/21 18:31	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	48.3	%	0.10	0.10	1		04/01/21 13:40		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_5-6_20210330 **Lab ID:** 92530693002 Collected: 03/30/21 09:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	46.2	16.9	1	04/05/21 15:59	04/06/21 10:23	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	46.2	17.8	1	04/05/21 15:59	04/06/21 10:23	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	46.2	16.2	1	04/05/21 15:59	04/06/21 10:23	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	46.2	8.7	1	04/05/21 15:59	04/06/21 10:23	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	46.2	11.5	1	04/05/21 15:59	04/06/21 10:23	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	46.2	8.7	1	04/05/21 15:59	04/06/21 10:23	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	46.2	11.0	1	04/05/21 15:59	04/06/21 10:23	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	39	%	10-160		1	04/05/21 15:59	04/06/21 10:23	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	9.7J	ug/kg	13.9	1.4	1	04/05/21 12:02	04/06/21 10:23	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	79	%	31-130		1	04/05/21 12:02	04/06/21 10:23	321-60-8	
Nitrobenzene-d5 (S)	105	%	32-130		1	04/05/21 12:02	04/06/21 10:23	4165-60-0	
Terphenyl-d14 (S)	109	%	24-130		1	04/05/21 12:02	04/06/21 10:23	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	462	162	1	04/05/21 15:57	04/06/21 10:53	83-32-9	
Acenaphthylene	ND	ug/kg	462	162	1	04/05/21 15:57	04/06/21 10:53	208-96-8	
Aniline	ND	ug/kg	462	180	1	04/05/21 15:57	04/06/21 10:53	62-53-3	
Anthracene	ND	ug/kg	462	151	1	04/05/21 15:57	04/06/21 10:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	462	154	1	04/05/21 15:57	04/06/21 10:53	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	462	154	1	04/05/21 15:57	04/06/21 10:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	462	179	1	04/05/21 15:57	04/06/21 10:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	462	162	1	04/05/21 15:57	04/06/21 10:53	207-08-9	
Benzoic Acid	ND	ug/kg	2310	992	1	04/05/21 15:57	04/06/21 10:53	65-85-0	
Benzyl alcohol	ND	ug/kg	923	350	1	04/05/21 15:57	04/06/21 10:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	462	178	1	04/05/21 15:57	04/06/21 10:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	462	194	1	04/05/21 15:57	04/06/21 10:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	923	325	1	04/05/21 15:57	04/06/21 10:53	59-50-7	
4-Chloroaniline	ND	ug/kg	923	362	1	04/05/21 15:57	04/06/21 10:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	462	192	1	04/05/21 15:57	04/06/21 10:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	462	173	1	04/05/21 15:57	04/06/21 10:53	111-44-4	
2-Chloronaphthalene	ND	ug/kg	462	183	1	04/05/21 15:57	04/06/21 10:53	91-58-7	
2-Chlorophenol	ND	ug/kg	462	173	1	04/05/21 15:57	04/06/21 10:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	462	172	1	04/05/21 15:57	04/06/21 10:53	7005-72-3	
Chrysene	ND	ug/kg	462	168	1	04/05/21 15:57	04/06/21 10:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	462	178	1	04/05/21 15:57	04/06/21 10:53	53-70-3	
Dibenzofuran	ND	ug/kg	462	166	1	04/05/21 15:57	04/06/21 10:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	923	312	1	04/05/21 15:57	04/06/21 10:53	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_5-6_20210330 Lab ID: 92530693002 Collected: 03/30/21 09:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2,4-Dichlorophenol	ND	ug/kg	462	180	1	04/05/21 15:57	04/06/21 10:53	120-83-2	
Diethylphthalate	ND	ug/kg	462	169	1	04/05/21 15:57	04/06/21 10:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	462	192	1	04/05/21 15:57	04/06/21 10:53	105-67-9	
Dimethylphthalate	ND	ug/kg	462	168	1	04/05/21 15:57	04/06/21 10:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	462	155	1	04/05/21 15:57	04/06/21 10:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	923	431	1	04/05/21 15:57	04/06/21 10:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2310	1430	1	04/05/21 15:57	04/06/21 10:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	462	178	1	04/05/21 15:57	04/06/21 10:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	462	169	1	04/05/21 15:57	04/06/21 10:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	462	182	1	04/05/21 15:57	04/06/21 10:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	462	179	1	04/05/21 15:57	04/06/21 10:53	117-81-7	
Fluoranthene	ND	ug/kg	462	158	1	04/05/21 15:57	04/06/21 10:53	206-44-0	
Fluorene	ND	ug/kg	462	162	1	04/05/21 15:57	04/06/21 10:53	86-73-7	
Hexachlorobenzene	ND	ug/kg	462	180	1	04/05/21 15:57	04/06/21 10:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	462	264	1	04/05/21 15:57	04/06/21 10:53	77-47-4	
Hexachloroethane	ND	ug/kg	462	176	1	04/05/21 15:57	04/06/21 10:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	462	182	1	04/05/21 15:57	04/06/21 10:53	193-39-5	
Isophorone	ND	ug/kg	462	206	1	04/05/21 15:57	04/06/21 10:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	462	162	1	04/05/21 15:57	04/06/21 10:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	462	185	1	04/05/21 15:57	04/06/21 10:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	462	189	1	04/05/21 15:57	04/06/21 10:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	462	186	1	04/05/21 15:57	04/06/21 10:53	15831-10-4	
2-Nitroaniline	ND	ug/kg	2310	378	1	04/05/21 15:57	04/06/21 10:53	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2310	362	1	04/05/21 15:57	04/06/21 10:53	99-09-2	
4-Nitroaniline	ND	ug/kg	923	351	1	04/05/21 15:57	04/06/21 10:53	100-01-6	
Nitrobenzene	ND	ug/kg	462	214	1	04/05/21 15:57	04/06/21 10:53	98-95-3	v1
2-Nitrophenol	ND	ug/kg	462	200	1	04/05/21 15:57	04/06/21 10:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2310	892	1	04/05/21 15:57	04/06/21 10:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	462	155	1	04/05/21 15:57	04/06/21 10:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	462	173	1	04/05/21 15:57	04/06/21 10:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	462	164	1	04/05/21 15:57	04/06/21 10:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	462	220	1	04/05/21 15:57	04/06/21 10:53	108-60-1	
Pentachlorophenol	ND	ug/kg	923	452	1	04/05/21 15:57	04/06/21 10:53	87-86-5	
Phenanthrene	ND	ug/kg	462	151	1	04/05/21 15:57	04/06/21 10:53	85-01-8	
Phenol	ND	ug/kg	462	206	1	04/05/21 15:57	04/06/21 10:53	108-95-2	
Pyrene	ND	ug/kg	462	187	1	04/05/21 15:57	04/06/21 10:53	129-00-0	
Pyridine	ND	ug/kg	462	145	1	04/05/21 15:57	04/06/21 10:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	462	211	1	04/05/21 15:57	04/06/21 10:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	462	190	1	04/05/21 15:57	04/06/21 10:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	04/05/21 15:57	04/06/21 10:53	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	04/05/21 15:57	04/06/21 10:53	321-60-8	
Terphenyl-d14 (S)	60	%	15-130		1	04/05/21 15:57	04/06/21 10:53	1718-51-0	
Phenol-d6 (S)	48	%	18-130		1	04/05/21 15:57	04/06/21 10:53	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_5-6_20210330 **Lab ID:** 92530693002 Collected: 03/30/21 09:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	49	%	18-130		1	04/05/21 15:57	04/06/21 10:53	367-12-4	
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/05/21 15:57	04/06/21 10:53	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	152	48.8	1	04/01/21 16:46	04/01/21 19:07	67-64-1	
Benzene	ND	ug/kg	7.6	3.0	1	04/01/21 16:46	04/01/21 19:07	71-43-2	
Bromobenzene	ND	ug/kg	7.6	2.5	1	04/01/21 16:46	04/01/21 19:07	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	2.3	1	04/01/21 16:46	04/01/21 19:07	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	2.9	1	04/01/21 16:46	04/01/21 19:07	75-27-4	
Bromoform	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	75-25-2	
Bromomethane	ND	ug/kg	15.2	12.0	1	04/01/21 16:46	04/01/21 19:07	74-83-9	
2-Butanone (MEK)	ND	ug/kg	152	36.5	1	04/01/21 16:46	04/01/21 19:07	78-93-3	
n-Butylbenzene	ND	ug/kg	7.6	3.6	1	04/01/21 16:46	04/01/21 19:07	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.6	3.3	1	04/01/21 16:46	04/01/21 19:07	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.6	2.8	1	04/01/21 16:46	04/01/21 19:07	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	1.5	1	04/01/21 16:46	04/01/21 19:07	108-90-7	
Chloroethane	ND	ug/kg	15.2	5.9	1	04/01/21 16:46	04/01/21 19:07	75-00-3	
Chloroform	ND	ug/kg	7.6	4.6	1	04/01/21 16:46	04/01/21 19:07	67-66-3	
Chloromethane	ND	ug/kg	15.2	6.4	1	04/01/21 16:46	04/01/21 19:07	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.6	1.3	1	04/01/21 16:46	04/01/21 19:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	3.0	1	04/01/21 16:46	04/01/21 19:07	96-12-8	
Dibromochloromethane	ND	ug/kg	7.6	4.3	1	04/01/21 16:46	04/01/21 19:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	3.3	1	04/01/21 16:46	04/01/21 19:07	106-93-4	
Dibromomethane	ND	ug/kg	7.6	1.6	1	04/01/21 16:46	04/01/21 19:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.6	2.4	1	04/01/21 16:46	04/01/21 19:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.6	2.0	1	04/01/21 16:46	04/01/21 19:07	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.2	3.3	1	04/01/21 16:46	04/01/21 19:07	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.6	3.1	1	04/01/21 16:46	04/01/21 19:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.6	5.0	1	04/01/21 16:46	04/01/21 19:07	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.6	3.1	1	04/01/21 16:46	04/01/21 19:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.6	2.6	1	04/01/21 16:46	04/01/21 19:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.6	2.3	1	04/01/21 16:46	04/01/21 19:07	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.6	2.4	1	04/01/21 16:46	04/01/21 19:07	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.6	2.5	1	04/01/21 16:46	04/01/21 19:07	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.6	3.7	1	04/01/21 16:46	04/01/21 19:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.6	2.1	1	04/01/21 16:46	04/01/21 19:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	2.6	1	04/01/21 16:46	04/01/21 19:07	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10_SE_5-6_20210330 **Lab ID:** 92530693002 Collected: 03/30/21 09:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	7.6	2.1	1	04/01/21 16:46	04/01/21 19:07	108-20-3	
Ethylbenzene	ND	ug/kg	7.6	3.5	1	04/01/21 16:46	04/01/21 19:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.2	12.4	1	04/01/21 16:46	04/01/21 19:07	87-68-3	
2-Hexanone	ND	ug/kg	76.1	7.3	1	04/01/21 16:46	04/01/21 19:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	2.6	1	04/01/21 16:46	04/01/21 19:07	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.6	3.7	1	04/01/21 16:46	04/01/21 19:07	99-87-6	
Methylene Chloride	ND	ug/kg	30.4	20.8	1	04/01/21 16:46	04/01/21 19:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	76.1	7.3	1	04/01/21 16:46	04/01/21 19:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.6	2.8	1	04/01/21 16:46	04/01/21 19:07	1634-04-4	
Naphthalene	9.1	ug/kg	7.6	4.0	1	04/01/21 16:46	04/01/21 19:07	91-20-3	
n-Propylbenzene	ND	ug/kg	7.6	2.7	1	04/01/21 16:46	04/01/21 19:07	103-65-1	
Styrene	ND	ug/kg	7.6	2.0	1	04/01/21 16:46	04/01/21 19:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	2.9	1	04/01/21 16:46	04/01/21 19:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	2.0	1	04/01/21 16:46	04/01/21 19:07	79-34-5	
Tetrachloroethene	ND	ug/kg	7.6	2.4	1	04/01/21 16:46	04/01/21 19:07	127-18-4	
Toluene	ND	ug/kg	7.6	2.2	1	04/01/21 16:46	04/01/21 19:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.6	6.1	1	04/01/21 16:46	04/01/21 19:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.6	6.4	1	04/01/21 16:46	04/01/21 19:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.6	4.0	1	04/01/21 16:46	04/01/21 19:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.6	2.5	1	04/01/21 16:46	04/01/21 19:07	79-00-5	
Trichloroethene	ND	ug/kg	7.6	2.0	1	04/01/21 16:46	04/01/21 19:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	4.2	1	04/01/21 16:46	04/01/21 19:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.6	3.8	1	04/01/21 16:46	04/01/21 19:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	2.1	1	04/01/21 16:46	04/01/21 19:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	2.6	1	04/01/21 16:46	04/01/21 19:07	108-67-8	
Vinyl acetate	ND	ug/kg	76.1	5.5	1	04/01/21 16:46	04/01/21 19:07	108-05-4	L1
Vinyl chloride	ND	ug/kg	15.2	3.9	1	04/01/21 16:46	04/01/21 19:07	75-01-4	
Xylene (Total)	ND	ug/kg	15.2	4.3	1	04/01/21 16:46	04/01/21 19:07	1330-20-7	
m&p-Xylene	ND	ug/kg	15.2	5.2	1	04/01/21 16:46	04/01/21 19:07	179601-23-1	
o-Xylene	ND	ug/kg	7.6	3.4	1	04/01/21 16:46	04/01/21 19:07	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 19:07	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 19:07	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1	04/01/21 16:46	04/01/21 19:07	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	28.3	%	0.10	0.10	1		04/01/21 13:40		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_0-0.6_20210330 **Lab ID: 92530693003** Collected: 03/30/21 10:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.3	18.4	1	04/05/21 15:59	04/06/21 10:38	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.3	19.4	1	04/05/21 15:59	04/06/21 10:38	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.3	17.6	1	04/05/21 15:59	04/06/21 10:38	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.3	9.5	1	04/05/21 15:59	04/06/21 10:38	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.3	12.6	1	04/05/21 15:59	04/06/21 10:38	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.3	9.5	1	04/05/21 15:59	04/06/21 10:38	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.3	12.0	1	04/05/21 15:59	04/06/21 10:38	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	84	%	10-160		1	04/05/21 15:59	04/06/21 10:38	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	15.5	1.6	1	04/05/21 12:02	04/06/21 10:43	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	72	%	31-130		1	04/05/21 12:02	04/06/21 10:43	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	04/05/21 12:02	04/06/21 10:43	4165-60-0	
Terphenyl-d14 (S)	102	%	24-130		1	04/05/21 12:02	04/06/21 10:43	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	503	177	1	04/05/21 15:57	04/06/21 11:20	83-32-9	
Acenaphthylene	ND	ug/kg	503	177	1	04/05/21 15:57	04/06/21 11:20	208-96-8	
Aniline	ND	ug/kg	503	197	1	04/05/21 15:57	04/06/21 11:20	62-53-3	
Anthracene	ND	ug/kg	503	165	1	04/05/21 15:57	04/06/21 11:20	120-12-7	
Benzo(a)anthracene	ND	ug/kg	503	168	1	04/05/21 15:57	04/06/21 11:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	503	168	1	04/05/21 15:57	04/06/21 11:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	503	195	1	04/05/21 15:57	04/06/21 11:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	503	177	1	04/05/21 15:57	04/06/21 11:20	207-08-9	
Benzoic Acid	ND	ug/kg	2520	1080	1	04/05/21 15:57	04/06/21 11:20	65-85-0	
Benzyl alcohol	ND	ug/kg	1010	381	1	04/05/21 15:57	04/06/21 11:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	503	194	1	04/05/21 15:57	04/06/21 11:20	101-55-3	
Butylbenzylphthalate	ND	ug/kg	503	212	1	04/05/21 15:57	04/06/21 11:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1010	354	1	04/05/21 15:57	04/06/21 11:20	59-50-7	
4-Chloroaniline	ND	ug/kg	1010	395	1	04/05/21 15:57	04/06/21 11:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	503	209	1	04/05/21 15:57	04/06/21 11:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	503	189	1	04/05/21 15:57	04/06/21 11:20	111-44-4	
2-Chloronaphthalene	ND	ug/kg	503	200	1	04/05/21 15:57	04/06/21 11:20	91-58-7	
2-Chlorophenol	ND	ug/kg	503	189	1	04/05/21 15:57	04/06/21 11:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	503	188	1	04/05/21 15:57	04/06/21 11:20	7005-72-3	
Chrysene	ND	ug/kg	503	183	1	04/05/21 15:57	04/06/21 11:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	503	194	1	04/05/21 15:57	04/06/21 11:20	53-70-3	
Dibenzofuran	ND	ug/kg	503	182	1	04/05/21 15:57	04/06/21 11:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1010	340	1	04/05/21 15:57	04/06/21 11:20	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_0-0.6_20210330 **Lab ID: 92530693003** Collected: 03/30/21 10:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	503	197	1	04/05/21 15:57	04/06/21 11:20	120-83-2	
Diethylphthalate	ND	ug/kg	503	185	1	04/05/21 15:57	04/06/21 11:20	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	503	209	1	04/05/21 15:57	04/06/21 11:20	105-67-9	
Dimethylphthalate	ND	ug/kg	503	183	1	04/05/21 15:57	04/06/21 11:20	131-11-3	
Di-n-butylphthalate	ND	ug/kg	503	169	1	04/05/21 15:57	04/06/21 11:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1010	470	1	04/05/21 15:57	04/06/21 11:20	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2520	1560	1	04/05/21 15:57	04/06/21 11:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	503	194	1	04/05/21 15:57	04/06/21 11:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	503	185	1	04/05/21 15:57	04/06/21 11:20	606-20-2	
Di-n-octylphthalate	ND	ug/kg	503	198	1	04/05/21 15:57	04/06/21 11:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	503	195	1	04/05/21 15:57	04/06/21 11:20	117-81-7	
Fluoranthene	ND	ug/kg	503	172	1	04/05/21 15:57	04/06/21 11:20	206-44-0	
Fluorene	ND	ug/kg	503	177	1	04/05/21 15:57	04/06/21 11:20	86-73-7	
Hexachlorobenzene	ND	ug/kg	503	197	1	04/05/21 15:57	04/06/21 11:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	503	288	1	04/05/21 15:57	04/06/21 11:20	77-47-4	
Hexachloroethane	ND	ug/kg	503	192	1	04/05/21 15:57	04/06/21 11:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	503	198	1	04/05/21 15:57	04/06/21 11:20	193-39-5	
Isophorone	ND	ug/kg	503	224	1	04/05/21 15:57	04/06/21 11:20	78-59-1	
1-Methylnaphthalene	ND	ug/kg	503	177	1	04/05/21 15:57	04/06/21 11:20	90-12-0	
2-Methylnaphthalene	ND	ug/kg	503	201	1	04/05/21 15:57	04/06/21 11:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	503	206	1	04/05/21 15:57	04/06/21 11:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	503	203	1	04/05/21 15:57	04/06/21 11:20	15831-10-4	
2-Nitroaniline	ND	ug/kg	2520	412	1	04/05/21 15:57	04/06/21 11:20	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2520	395	1	04/05/21 15:57	04/06/21 11:20	99-09-2	
4-Nitroaniline	ND	ug/kg	1010	383	1	04/05/21 15:57	04/06/21 11:20	100-01-6	
Nitrobenzene	ND	ug/kg	503	233	1	04/05/21 15:57	04/06/21 11:20	98-95-3	v1
2-Nitrophenol	ND	ug/kg	503	218	1	04/05/21 15:57	04/06/21 11:20	88-75-5	
4-Nitrophenol	ND	ug/kg	2520	973	1	04/05/21 15:57	04/06/21 11:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	503	169	1	04/05/21 15:57	04/06/21 11:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	503	189	1	04/05/21 15:57	04/06/21 11:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	503	178	1	04/05/21 15:57	04/06/21 11:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	503	240	1	04/05/21 15:57	04/06/21 11:20	108-60-1	
Pentachlorophenol	ND	ug/kg	1010	493	1	04/05/21 15:57	04/06/21 11:20	87-86-5	
Phenanthrene	ND	ug/kg	503	165	1	04/05/21 15:57	04/06/21 11:20	85-01-8	
Phenol	ND	ug/kg	503	224	1	04/05/21 15:57	04/06/21 11:20	108-95-2	
Pyrene	ND	ug/kg	503	204	1	04/05/21 15:57	04/06/21 11:20	129-00-0	
Pyridine	ND	ug/kg	503	159	1	04/05/21 15:57	04/06/21 11:20	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	503	230	1	04/05/21 15:57	04/06/21 11:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	503	207	1	04/05/21 15:57	04/06/21 11:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	73	%	21-130		1	04/05/21 15:57	04/06/21 11:20	4165-60-0	
2-Fluorobiphenyl (S)	60	%	19-130		1	04/05/21 15:57	04/06/21 11:20	321-60-8	
Terphenyl-d14 (S)	92	%	15-130		1	04/05/21 15:57	04/06/21 11:20	1718-51-0	
Phenol-d6 (S)	50	%	18-130		1	04/05/21 15:57	04/06/21 11:20	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_0-0.6_20210330 **Lab ID:** 92530693003 Collected: 03/30/21 10:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	47	%	18-130		1	04/05/21 15:57	04/06/21 11:20	367-12-4	
2,4,6-Tribromophenol (S)	53	%	18-130		1	04/05/21 15:57	04/06/21 11:20	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	187	60.1	1	04/01/21 16:46	04/01/21 19:25	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/01/21 16:46	04/01/21 19:25	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.0	1	04/01/21 16:46	04/01/21 19:25	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/01/21 16:46	04/01/21 19:25	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/01/21 16:46	04/01/21 19:25	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/01/21 16:46	04/01/21 19:25	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/01/21 16:46	04/01/21 19:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	44.9	1	04/01/21 16:46	04/01/21 19:25	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/01/21 16:46	04/01/21 19:25	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/01/21 16:46	04/01/21 19:25	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/01/21 16:46	04/01/21 19:25	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/01/21 16:46	04/01/21 19:25	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/01/21 16:46	04/01/21 19:25	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/01/21 16:46	04/01/21 19:25	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/01/21 16:46	04/01/21 19:25	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/01/21 16:46	04/01/21 19:25	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/01/21 16:46	04/01/21 19:25	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/01/21 16:46	04/01/21 19:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/01/21 16:46	04/01/21 19:25	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/01/21 16:46	04/01/21 19:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/01/21 16:46	04/01/21 19:25	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/01/21 16:46	04/01/21 19:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/01/21 16:46	04/01/21 19:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/01/21 16:46	04/01/21 19:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/01/21 16:46	04/01/21 19:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/01/21 16:46	04/01/21 19:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/01/21 16:46	04/01/21 19:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/01/21 16:46	04/01/21 19:25	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/01/21 16:46	04/01/21 19:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/01/21 16:46	04/01/21 19:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/01/21 16:46	04/01/21 19:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/01/21 16:46	04/01/21 19:25	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/01/21 16:46	04/01/21 19:25	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.0	1	04/01/21 16:46	04/01/21 19:25	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/01/21 16:46	04/01/21 19:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/01/21 16:46	04/01/21 19:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/01/21 16:46	04/01/21 19:25	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_0-0.6_20210330 **Lab ID:** 92530693003 **Collected:** 03/30/21 10:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/01/21 16:46	04/01/21 19:25	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/01/21 16:46	04/01/21 19:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/01/21 16:46	04/01/21 19:25	87-68-3	
2-Hexanone	ND	ug/kg	93.5	9.0	1	04/01/21 16:46	04/01/21 19:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/01/21 16:46	04/01/21 19:25	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/01/21 16:46	04/01/21 19:25	99-87-6	
Methylene Chloride	ND	ug/kg	37.4	25.6	1	04/01/21 16:46	04/01/21 19:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.5	9.0	1	04/01/21 16:46	04/01/21 19:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/01/21 16:46	04/01/21 19:25	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/01/21 16:46	04/01/21 19:25	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/01/21 16:46	04/01/21 19:25	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/01/21 16:46	04/01/21 19:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/01/21 16:46	04/01/21 19:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/01/21 16:46	04/01/21 19:25	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/01/21 16:46	04/01/21 19:25	127-18-4	
Toluene	4.9J	ug/kg	9.4	2.7	1	04/01/21 16:46	04/01/21 19:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/01/21 16:46	04/01/21 19:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/01/21 16:46	04/01/21 19:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/01/21 16:46	04/01/21 19:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/01/21 16:46	04/01/21 19:25	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/01/21 16:46	04/01/21 19:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.1	1	04/01/21 16:46	04/01/21 19:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/01/21 16:46	04/01/21 19:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/01/21 16:46	04/01/21 19:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/01/21 16:46	04/01/21 19:25	108-67-8	
Vinyl acetate	ND	ug/kg	93.5	6.8	1	04/01/21 16:46	04/01/21 19:25	108-05-4	L1
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/01/21 16:46	04/01/21 19:25	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/01/21 16:46	04/01/21 19:25	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/01/21 16:46	04/01/21 19:25	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/01/21 16:46	04/01/21 19:25	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 19:25	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 19:25	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 19:25	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	34.5	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_2-2.5_20210330 **Lab ID: 92530693004** Collected: 03/30/21 10:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.1	17.6	1	04/05/21 15:59	04/06/21 10:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.1	18.5	1	04/05/21 15:59	04/06/21 10:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.1	16.8	1	04/05/21 15:59	04/06/21 10:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.1	9.1	1	04/05/21 15:59	04/06/21 10:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.1	12.0	1	04/05/21 15:59	04/06/21 10:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.1	9.0	1	04/05/21 15:59	04/06/21 10:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.1	11.5	1	04/05/21 15:59	04/06/21 10:52	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	86	%	10-160		1	04/05/21 15:59	04/06/21 10:52	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	14.3	1.5	1	04/05/21 12:02	04/06/21 11:24	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	94	%	31-130		1	04/05/21 12:02	04/06/21 11:24	321-60-8	
Nitrobenzene-d5 (S)	113	%	32-130		1	04/05/21 12:02	04/06/21 11:24	4165-60-0	
Terphenyl-d14 (S)	118	%	24-130		1	04/05/21 12:02	04/06/21 11:24	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	474	167	1	04/05/21 15:57	04/06/21 11:47	83-32-9	
Acenaphthylene	ND	ug/kg	474	167	1	04/05/21 15:57	04/06/21 11:47	208-96-8	
Aniline	ND	ug/kg	474	185	1	04/05/21 15:57	04/06/21 11:47	62-53-3	
Anthracene	ND	ug/kg	474	155	1	04/05/21 15:57	04/06/21 11:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	474	158	1	04/05/21 15:57	04/06/21 11:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	474	158	1	04/05/21 15:57	04/06/21 11:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	474	184	1	04/05/21 15:57	04/06/21 11:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	474	167	1	04/05/21 15:57	04/06/21 11:47	207-08-9	
Benzoic Acid	ND	ug/kg	2370	1020	1	04/05/21 15:57	04/06/21 11:47	65-85-0	
Benzyl alcohol	ND	ug/kg	949	359	1	04/05/21 15:57	04/06/21 11:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	474	183	1	04/05/21 15:57	04/06/21 11:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	474	200	1	04/05/21 15:57	04/06/21 11:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	949	334	1	04/05/21 15:57	04/06/21 11:47	59-50-7	
4-Chloroaniline	ND	ug/kg	949	372	1	04/05/21 15:57	04/06/21 11:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	474	197	1	04/05/21 15:57	04/06/21 11:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	474	178	1	04/05/21 15:57	04/06/21 11:47	111-44-4	
2-Chloronaphthalene	ND	ug/kg	474	188	1	04/05/21 15:57	04/06/21 11:47	91-58-7	
2-Chlorophenol	ND	ug/kg	474	178	1	04/05/21 15:57	04/06/21 11:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	474	177	1	04/05/21 15:57	04/06/21 11:47	7005-72-3	
Chrysene	ND	ug/kg	474	173	1	04/05/21 15:57	04/06/21 11:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	474	183	1	04/05/21 15:57	04/06/21 11:47	53-70-3	
Dibenzofuran	ND	ug/kg	474	171	1	04/05/21 15:57	04/06/21 11:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	949	321	1	04/05/21 15:57	04/06/21 11:47	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_2-2.5_20210330 **Lab ID: 92530693004** Collected: 03/30/21 10:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	474	185	1	04/05/21 15:57	04/06/21 11:47	120-83-2	
Diethylphthalate	ND	ug/kg	474	174	1	04/05/21 15:57	04/06/21 11:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	474	197	1	04/05/21 15:57	04/06/21 11:47	105-67-9	
Dimethylphthalate	ND	ug/kg	474	173	1	04/05/21 15:57	04/06/21 11:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	474	160	1	04/05/21 15:57	04/06/21 11:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	949	443	1	04/05/21 15:57	04/06/21 11:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2370	1470	1	04/05/21 15:57	04/06/21 11:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	474	183	1	04/05/21 15:57	04/06/21 11:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	474	174	1	04/05/21 15:57	04/06/21 11:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	474	187	1	04/05/21 15:57	04/06/21 11:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	474	184	1	04/05/21 15:57	04/06/21 11:47	117-81-7	
Fluoranthene	ND	ug/kg	474	162	1	04/05/21 15:57	04/06/21 11:47	206-44-0	
Fluorene	ND	ug/kg	474	167	1	04/05/21 15:57	04/06/21 11:47	86-73-7	
Hexachlorobenzene	ND	ug/kg	474	185	1	04/05/21 15:57	04/06/21 11:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	474	272	1	04/05/21 15:57	04/06/21 11:47	77-47-4	
Hexachloroethane	ND	ug/kg	474	181	1	04/05/21 15:57	04/06/21 11:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	474	187	1	04/05/21 15:57	04/06/21 11:47	193-39-5	
Isophorone	ND	ug/kg	474	211	1	04/05/21 15:57	04/06/21 11:47	78-59-1	
1-Methylnaphthalene	ND	ug/kg	474	167	1	04/05/21 15:57	04/06/21 11:47	90-12-0	
2-Methylnaphthalene	ND	ug/kg	474	190	1	04/05/21 15:57	04/06/21 11:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	474	194	1	04/05/21 15:57	04/06/21 11:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	474	191	1	04/05/21 15:57	04/06/21 11:47	15831-10-4	
2-Nitroaniline	ND	ug/kg	2370	388	1	04/05/21 15:57	04/06/21 11:47	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2370	372	1	04/05/21 15:57	04/06/21 11:47	99-09-2	
4-Nitroaniline	ND	ug/kg	949	361	1	04/05/21 15:57	04/06/21 11:47	100-01-6	
Nitrobenzene	ND	ug/kg	474	220	1	04/05/21 15:57	04/06/21 11:47	98-95-3	v1
2-Nitrophenol	ND	ug/kg	474	206	1	04/05/21 15:57	04/06/21 11:47	88-75-5	
4-Nitrophenol	ND	ug/kg	2370	917	1	04/05/21 15:57	04/06/21 11:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	474	160	1	04/05/21 15:57	04/06/21 11:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	474	178	1	04/05/21 15:57	04/06/21 11:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	474	168	1	04/05/21 15:57	04/06/21 11:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	474	226	1	04/05/21 15:57	04/06/21 11:47	108-60-1	
Pentachlorophenol	ND	ug/kg	949	464	1	04/05/21 15:57	04/06/21 11:47	87-86-5	
Phenanthrene	ND	ug/kg	474	155	1	04/05/21 15:57	04/06/21 11:47	85-01-8	
Phenol	ND	ug/kg	474	211	1	04/05/21 15:57	04/06/21 11:47	108-95-2	
Pyrene	ND	ug/kg	474	193	1	04/05/21 15:57	04/06/21 11:47	129-00-0	
Pyridine	ND	ug/kg	474	150	1	04/05/21 15:57	04/06/21 11:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	474	217	1	04/05/21 15:57	04/06/21 11:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	474	196	1	04/05/21 15:57	04/06/21 11:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	21-130		1	04/05/21 15:57	04/06/21 11:47	4165-60-0	
2-Fluorobiphenyl (S)	72	%	19-130		1	04/05/21 15:57	04/06/21 11:47	321-60-8	
Terphenyl-d14 (S)	100	%	15-130		1	04/05/21 15:57	04/06/21 11:47	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/05/21 15:57	04/06/21 11:47	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_2-2.5_20210330 **Lab ID:** 92530693004 Collected: 03/30/21 10:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	71	%	18-130		1	04/05/21 15:57	04/06/21 11:47	367-12-4	
2,4,6-Tribromophenol (S)	71	%	18-130		1	04/05/21 15:57	04/06/21 11:47	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	182	58.5	1	04/01/21 16:46	04/01/21 19:43	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	04/01/21 16:46	04/01/21 19:43	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	04/01/21 16:46	04/01/21 19:43	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	04/01/21 16:46	04/01/21 19:43	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	04/01/21 16:46	04/01/21 19:43	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	04/01/21 16:46	04/01/21 19:43	75-25-2	
Bromomethane	ND	ug/kg	18.2	14.4	1	04/01/21 16:46	04/01/21 19:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	182	43.7	1	04/01/21 16:46	04/01/21 19:43	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	04/01/21 16:46	04/01/21 19:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	04/01/21 16:46	04/01/21 19:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	04/01/21 16:46	04/01/21 19:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	04/01/21 16:46	04/01/21 19:43	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	04/01/21 16:46	04/01/21 19:43	108-90-7	
Chloroethane	ND	ug/kg	18.2	7.0	1	04/01/21 16:46	04/01/21 19:43	75-00-3	
Chloroform	ND	ug/kg	9.1	5.5	1	04/01/21 16:46	04/01/21 19:43	67-66-3	
Chloromethane	ND	ug/kg	18.2	7.6	1	04/01/21 16:46	04/01/21 19:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	04/01/21 16:46	04/01/21 19:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	04/01/21 16:46	04/01/21 19:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	04/01/21 16:46	04/01/21 19:43	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	04/01/21 16:46	04/01/21 19:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	04/01/21 16:46	04/01/21 19:43	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	04/01/21 16:46	04/01/21 19:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	04/01/21 16:46	04/01/21 19:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	04/01/21 16:46	04/01/21 19:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	04/01/21 16:46	04/01/21 19:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.2	4.0	1	04/01/21 16:46	04/01/21 19:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	04/01/21 16:46	04/01/21 19:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	04/01/21 16:46	04/01/21 19:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	04/01/21 16:46	04/01/21 19:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	04/01/21 16:46	04/01/21 19:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	04/01/21 16:46	04/01/21 19:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	04/01/21 16:46	04/01/21 19:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	04/01/21 16:46	04/01/21 19:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	04/01/21 16:46	04/01/21 19:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	04/01/21 16:46	04/01/21 19:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	04/01/21 16:46	04/01/21 19:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	04/01/21 16:46	04/01/21 19:43	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10A_SE_2-2.5_20210330 **Lab ID:** 92530693004 Collected: 03/30/21 10:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	04/01/21 16:46	04/01/21 19:43	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.2	1	04/01/21 16:46	04/01/21 19:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.2	14.9	1	04/01/21 16:46	04/01/21 19:43	87-68-3	
2-Hexanone	ND	ug/kg	91.1	8.8	1	04/01/21 16:46	04/01/21 19:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	04/01/21 16:46	04/01/21 19:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	04/01/21 16:46	04/01/21 19:43	99-87-6	
Methylene Chloride	ND	ug/kg	36.4	24.9	1	04/01/21 16:46	04/01/21 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.1	8.8	1	04/01/21 16:46	04/01/21 19:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	04/01/21 16:46	04/01/21 19:43	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	04/01/21 16:46	04/01/21 19:43	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	04/01/21 16:46	04/01/21 19:43	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	04/01/21 16:46	04/01/21 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	04/01/21 16:46	04/01/21 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	04/01/21 16:46	04/01/21 19:43	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	04/01/21 16:46	04/01/21 19:43	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	04/01/21 16:46	04/01/21 19:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	04/01/21 16:46	04/01/21 19:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	04/01/21 16:46	04/01/21 19:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	04/01/21 16:46	04/01/21 19:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	04/01/21 16:46	04/01/21 19:43	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	04/01/21 16:46	04/01/21 19:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	04/01/21 16:46	04/01/21 19:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	04/01/21 16:46	04/01/21 19:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	04/01/21 16:46	04/01/21 19:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	04/01/21 16:46	04/01/21 19:43	108-67-8	
Vinyl acetate	ND	ug/kg	91.1	6.6	1	04/01/21 16:46	04/01/21 19:43	108-05-4	L1
Vinyl chloride	ND	ug/kg	18.2	4.6	1	04/01/21 16:46	04/01/21 19:43	75-01-4	
Xylene (Total)	ND	ug/kg	18.2	5.2	1	04/01/21 16:46	04/01/21 19:43	1330-20-7	
m&p-Xylene	ND	ug/kg	18.2	6.2	1	04/01/21 16:46	04/01/21 19:43	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	04/01/21 16:46	04/01/21 19:43	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 19:43	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 19:43	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	04/01/21 16:46	04/01/21 19:43	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	30.2	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_0-0.6_20210330 **Lab ID:** 92530693005 Collected: 03/30/21 09:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	57.8	21.1	1	04/05/21 15:59	04/06/21 11:06	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	57.8	22.3	1	04/05/21 15:59	04/06/21 11:06	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	57.8	20.2	1	04/05/21 15:59	04/06/21 11:06	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	57.8	10.9	1	04/05/21 15:59	04/06/21 11:06	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	57.8	14.4	1	04/05/21 15:59	04/06/21 11:06	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	57.8	10.9	1	04/05/21 15:59	04/06/21 11:06	11097-69-1	
PCB-1260 (Aroclor 1260)	36.1J	ug/kg	57.8	13.8	1	04/05/21 15:59	04/06/21 11:06	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	55	%	10-160		1	04/05/21 15:59	04/06/21 11:06	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	1370	ug/kg	17.2	1.8	1	04/05/21 12:02	04/06/21 12:04	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	82	%	31-130		1	04/05/21 12:02	04/06/21 12:04	321-60-8	
Nitrobenzene-d5 (S)	97	%	32-130		1	04/05/21 12:02	04/06/21 12:04	4165-60-0	
Terphenyl-d14 (S)	109	%	24-130		1	04/05/21 12:02	04/06/21 12:04	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	578	203	1	04/05/21 15:57	04/06/21 12:14	83-32-9	
Acenaphthylene	ND	ug/kg	578	203	1	04/05/21 15:57	04/06/21 12:14	208-96-8	
Aniline	ND	ug/kg	578	226	1	04/05/21 15:57	04/06/21 12:14	62-53-3	
Anthracene	329J	ug/kg	578	189	1	04/05/21 15:57	04/06/21 12:14	120-12-7	
Benzo(a)anthracene	920	ug/kg	578	193	1	04/05/21 15:57	04/06/21 12:14	56-55-3	
Benzo(b)fluoranthene	964	ug/kg	578	193	1	04/05/21 15:57	04/06/21 12:14	205-99-2	
Benzo(g,h,i)perylene	528J	ug/kg	578	224	1	04/05/21 15:57	04/06/21 12:14	191-24-2	
Benzo(k)fluoranthene	409J	ug/kg	578	203	1	04/05/21 15:57	04/06/21 12:14	207-08-9	
Benzoic Acid	ND	ug/kg	2890	1240	1	04/05/21 15:57	04/06/21 12:14	65-85-0	
Benzyl alcohol	ND	ug/kg	1160	438	1	04/05/21 15:57	04/06/21 12:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	578	222	1	04/05/21 15:57	04/06/21 12:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	578	243	1	04/05/21 15:57	04/06/21 12:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1160	406	1	04/05/21 15:57	04/06/21 12:14	59-50-7	
4-Chloroaniline	ND	ug/kg	1160	453	1	04/05/21 15:57	04/06/21 12:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	578	240	1	04/05/21 15:57	04/06/21 12:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	578	217	1	04/05/21 15:57	04/06/21 12:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	578	229	1	04/05/21 15:57	04/06/21 12:14	91-58-7	
2-Chlorophenol	ND	ug/kg	578	217	1	04/05/21 15:57	04/06/21 12:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	578	215	1	04/05/21 15:57	04/06/21 12:14	7005-72-3	
Chrysene	754	ug/kg	578	210	1	04/05/21 15:57	04/06/21 12:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	578	222	1	04/05/21 15:57	04/06/21 12:14	53-70-3	
Dibenzofuran	ND	ug/kg	578	208	1	04/05/21 15:57	04/06/21 12:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1160	390	1	04/05/21 15:57	04/06/21 12:14	91-94-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: **DA4-SB-10B_SE_0-0.6_20210330** Lab ID: **92530693005** Collected: 03/30/21 09:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	578	226	1	04/05/21 15:57	04/06/21 12:14	120-83-2	
Diethylphthalate	ND	ug/kg	578	212	1	04/05/21 15:57	04/06/21 12:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	578	240	1	04/05/21 15:57	04/06/21 12:14	105-67-9	
Dimethylphthalate	ND	ug/kg	578	210	1	04/05/21 15:57	04/06/21 12:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	578	194	1	04/05/21 15:57	04/06/21 12:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1160	539	1	04/05/21 15:57	04/06/21 12:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2890	1790	1	04/05/21 15:57	04/06/21 12:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	578	222	1	04/05/21 15:57	04/06/21 12:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	578	212	1	04/05/21 15:57	04/06/21 12:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	578	228	1	04/05/21 15:57	04/06/21 12:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	578	224	1	04/05/21 15:57	04/06/21 12:14	117-81-7	
Fluoranthene	1800	ug/kg	578	198	1	04/05/21 15:57	04/06/21 12:14	206-44-0	
Fluorene	ND	ug/kg	578	203	1	04/05/21 15:57	04/06/21 12:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	578	226	1	04/05/21 15:57	04/06/21 12:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	578	331	1	04/05/21 15:57	04/06/21 12:14	77-47-4	
Hexachloroethane	ND	ug/kg	578	221	1	04/05/21 15:57	04/06/21 12:14	67-72-1	
Indeno(1,2,3-cd)pyrene	485J	ug/kg	578	228	1	04/05/21 15:57	04/06/21 12:14	193-39-5	
Isophorone	ND	ug/kg	578	257	1	04/05/21 15:57	04/06/21 12:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	578	203	1	04/05/21 15:57	04/06/21 12:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	578	231	1	04/05/21 15:57	04/06/21 12:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	578	236	1	04/05/21 15:57	04/06/21 12:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	578	233	1	04/05/21 15:57	04/06/21 12:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	2890	473	1	04/05/21 15:57	04/06/21 12:14	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2890	453	1	04/05/21 15:57	04/06/21 12:14	99-09-2	
4-Nitroaniline	ND	ug/kg	1160	439	1	04/05/21 15:57	04/06/21 12:14	100-01-6	
Nitrobenzene	ND	ug/kg	578	268	1	04/05/21 15:57	04/06/21 12:14	98-95-3	v1
2-Nitrophenol	ND	ug/kg	578	250	1	04/05/21 15:57	04/06/21 12:14	88-75-5	
4-Nitrophenol	ND	ug/kg	2890	1120	1	04/05/21 15:57	04/06/21 12:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	578	194	1	04/05/21 15:57	04/06/21 12:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	578	217	1	04/05/21 15:57	04/06/21 12:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	578	205	1	04/05/21 15:57	04/06/21 12:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	578	275	1	04/05/21 15:57	04/06/21 12:14	108-60-1	
Pentachlorophenol	ND	ug/kg	1160	565	1	04/05/21 15:57	04/06/21 12:14	87-86-5	
Phenanthrene	774	ug/kg	578	189	1	04/05/21 15:57	04/06/21 12:14	85-01-8	
Phenol	ND	ug/kg	578	257	1	04/05/21 15:57	04/06/21 12:14	108-95-2	
Pyrene	1670	ug/kg	578	235	1	04/05/21 15:57	04/06/21 12:14	129-00-0	
Pyridine	ND	ug/kg	578	182	1	04/05/21 15:57	04/06/21 12:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	578	264	1	04/05/21 15:57	04/06/21 12:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	578	238	1	04/05/21 15:57	04/06/21 12:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	78	%	21-130		1	04/05/21 15:57	04/06/21 12:14	4165-60-0	
2-Fluorobiphenyl (S)	67	%	19-130		1	04/05/21 15:57	04/06/21 12:14	321-60-8	
Terphenyl-d14 (S)	79	%	15-130		1	04/05/21 15:57	04/06/21 12:14	1718-51-0	
Phenol-d6 (S)	66	%	18-130		1	04/05/21 15:57	04/06/21 12:14	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_0-0.6_20210330 **Lab ID:** 92530693005 Collected: 03/30/21 09:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	65	%	18-130		1	04/05/21 15:57	04/06/21 12:14	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	04/05/21 15:57	04/06/21 12:14	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	255	82.0	1	04/01/21 16:46	04/01/21 20:02	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	04/01/21 16:46	04/01/21 20:02	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/01/21 16:46	04/01/21 20:02	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/01/21 16:46	04/01/21 20:02	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/01/21 16:46	04/01/21 20:02	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/01/21 16:46	04/01/21 20:02	75-25-2	
Bromomethane	ND	ug/kg	25.5	20.2	1	04/01/21 16:46	04/01/21 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	255	61.3	1	04/01/21 16:46	04/01/21 20:02	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/01/21 16:46	04/01/21 20:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/01/21 16:46	04/01/21 20:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.5	1	04/01/21 16:46	04/01/21 20:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/01/21 16:46	04/01/21 20:02	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/01/21 16:46	04/01/21 20:02	108-90-7	
Chloroethane	ND	ug/kg	25.5	9.9	1	04/01/21 16:46	04/01/21 20:02	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/01/21 16:46	04/01/21 20:02	67-66-3	
Chloromethane	ND	ug/kg	25.5	10.7	1	04/01/21 16:46	04/01/21 20:02	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/01/21 16:46	04/01/21 20:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/01/21 16:46	04/01/21 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/01/21 16:46	04/01/21 20:02	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/01/21 16:46	04/01/21 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/01/21 16:46	04/01/21 20:02	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/01/21 16:46	04/01/21 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/01/21 16:46	04/01/21 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/01/21 16:46	04/01/21 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/01/21 16:46	04/01/21 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.5	5.5	1	04/01/21 16:46	04/01/21 20:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/01/21 16:46	04/01/21 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/01/21 16:46	04/01/21 20:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/01/21 16:46	04/01/21 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/01/21 16:46	04/01/21 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/01/21 16:46	04/01/21 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/01/21 16:46	04/01/21 20:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/01/21 16:46	04/01/21 20:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/01/21 16:46	04/01/21 20:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	04/01/21 16:46	04/01/21 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/01/21 16:46	04/01/21 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/01/21 16:46	04/01/21 20:02	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_0-0.6_20210330 Lab ID: 92530693005 Collected: 03/30/21 09:45 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	12.8	3.4	1	04/01/21 16:46	04/01/21 20:02	108-20-3	
Ethylbenzene	8.5J	ug/kg	12.8	5.9	1	04/01/21 16:46	04/01/21 20:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	25.5	20.9	1	04/01/21 16:46	04/01/21 20:02	87-68-3	
2-Hexanone	ND	ug/kg	128	12.3	1	04/01/21 16:46	04/01/21 20:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.3	1	04/01/21 16:46	04/01/21 20:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.8	6.3	1	04/01/21 16:46	04/01/21 20:02	99-87-6	
Methylene Chloride	ND	ug/kg	51.1	35.0	1	04/01/21 16:46	04/01/21 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	04/01/21 16:46	04/01/21 20:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/01/21 16:46	04/01/21 20:02	1634-04-4	
Naphthalene	85.3	ug/kg	12.8	6.7	1	04/01/21 16:46	04/01/21 20:02	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.5	1	04/01/21 16:46	04/01/21 20:02	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/01/21 16:46	04/01/21 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/01/21 16:46	04/01/21 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/01/21 16:46	04/01/21 20:02	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	04/01/21 16:46	04/01/21 20:02	127-18-4	
Toluene	18.8	ug/kg	12.8	3.6	1	04/01/21 16:46	04/01/21 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	04/01/21 16:46	04/01/21 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	04/01/21 16:46	04/01/21 20:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.6	1	04/01/21 16:46	04/01/21 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	04/01/21 16:46	04/01/21 20:02	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/01/21 16:46	04/01/21 20:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/01/21 16:46	04/01/21 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/01/21 16:46	04/01/21 20:02	96-18-4	
1,2,4-Trimethylbenzene	11.1J	ug/kg	12.8	3.5	1	04/01/21 16:46	04/01/21 20:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	04/01/21 16:46	04/01/21 20:02	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/01/21 16:46	04/01/21 20:02	108-05-4	L1
Vinyl chloride	ND	ug/kg	25.5	6.5	1	04/01/21 16:46	04/01/21 20:02	75-01-4	
Xylene (Total)	35.5	ug/kg	25.5	7.3	1	04/01/21 16:46	04/01/21 20:02	1330-20-7	
m&p-Xylene	23.7J	ug/kg	25.5	8.7	1	04/01/21 16:46	04/01/21 20:02	179601-23-1	
o-Xylene	11.8J	ug/kg	12.8	5.6	1	04/01/21 16:46	04/01/21 20:02	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 20:02	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 20:02	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 20:02	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	42.1	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_2-2.5_20210330 Lab ID: 92530693006 Collected: 03/30/21 10:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	46.4	17.0	1	04/05/21 15:59	04/06/21 11:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	46.4	17.9	1	04/05/21 15:59	04/06/21 11:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	46.4	16.3	1	04/05/21 15:59	04/06/21 11:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	46.4	8.8	1	04/05/21 15:59	04/06/21 11:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	46.4	11.6	1	04/05/21 15:59	04/06/21 11:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	46.4	8.7	1	04/05/21 15:59	04/06/21 11:21	11097-69-1	
PCB-1260 (Aroclor 1260)	54.2	ug/kg	46.4	11.1	1	04/05/21 15:59	04/06/21 11:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	84	%	10-160		1	04/05/21 15:59	04/06/21 11:21	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	39.7	ug/kg	14.4	1.5	1	04/05/21 12:02	04/06/21 12:24	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	93	%	31-130		1	04/05/21 12:02	04/06/21 12:24	321-60-8	
Nitrobenzene-d5 (S)	112	%	32-130		1	04/05/21 12:02	04/06/21 12:24	4165-60-0	
Terphenyl-d14 (S)	122	%	24-130		1	04/05/21 12:02	04/06/21 12:24	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	477	168	1	04/05/21 15:57	04/06/21 12:41	83-32-9	
Acenaphthylene	ND	ug/kg	477	168	1	04/05/21 15:57	04/06/21 12:41	208-96-8	
Aniline	ND	ug/kg	477	186	1	04/05/21 15:57	04/06/21 12:41	62-53-3	
Anthracene	ND	ug/kg	477	156	1	04/05/21 15:57	04/06/21 12:41	120-12-7	
Benzo(a)anthracene	211J	ug/kg	477	159	1	04/05/21 15:57	04/06/21 12:41	56-55-3	
Benzo(b)fluoranthene	245J	ug/kg	477	159	1	04/05/21 15:57	04/06/21 12:41	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	477	185	1	04/05/21 15:57	04/06/21 12:41	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	477	168	1	04/05/21 15:57	04/06/21 12:41	207-08-9	
Benzoic Acid	ND	ug/kg	2390	1020	1	04/05/21 15:57	04/06/21 12:41	65-85-0	
Benzyl alcohol	ND	ug/kg	954	361	1	04/05/21 15:57	04/06/21 12:41	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	477	184	1	04/05/21 15:57	04/06/21 12:41	101-55-3	
Butylbenzylphthalate	ND	ug/kg	477	201	1	04/05/21 15:57	04/06/21 12:41	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	954	335	1	04/05/21 15:57	04/06/21 12:41	59-50-7	
4-Chloroaniline	ND	ug/kg	954	374	1	04/05/21 15:57	04/06/21 12:41	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	477	198	1	04/05/21 15:57	04/06/21 12:41	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	477	179	1	04/05/21 15:57	04/06/21 12:41	111-44-4	
2-Chloronaphthalene	ND	ug/kg	477	189	1	04/05/21 15:57	04/06/21 12:41	91-58-7	
2-Chlorophenol	ND	ug/kg	477	179	1	04/05/21 15:57	04/06/21 12:41	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	477	178	1	04/05/21 15:57	04/06/21 12:41	7005-72-3	
Chrysene	185J	ug/kg	477	173	1	04/05/21 15:57	04/06/21 12:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	477	184	1	04/05/21 15:57	04/06/21 12:41	53-70-3	
Dibenzofuran	ND	ug/kg	477	172	1	04/05/21 15:57	04/06/21 12:41	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	954	322	1	04/05/21 15:57	04/06/21 12:41	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_2-2.5_20210330 **Lab ID: 92530693006** Collected: 03/30/21 10:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	477	186	1	04/05/21 15:57	04/06/21 12:41	120-83-2	
Diethylphthalate	ND	ug/kg	477	175	1	04/05/21 15:57	04/06/21 12:41	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	477	198	1	04/05/21 15:57	04/06/21 12:41	105-67-9	
Dimethylphthalate	ND	ug/kg	477	173	1	04/05/21 15:57	04/06/21 12:41	131-11-3	
Di-n-butylphthalate	ND	ug/kg	477	160	1	04/05/21 15:57	04/06/21 12:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	954	445	1	04/05/21 15:57	04/06/21 12:41	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2390	1470	1	04/05/21 15:57	04/06/21 12:41	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	477	184	1	04/05/21 15:57	04/06/21 12:41	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	477	175	1	04/05/21 15:57	04/06/21 12:41	606-20-2	
Di-n-octylphthalate	ND	ug/kg	477	188	1	04/05/21 15:57	04/06/21 12:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	477	185	1	04/05/21 15:57	04/06/21 12:41	117-81-7	
Fluoranthene	339J	ug/kg	477	163	1	04/05/21 15:57	04/06/21 12:41	206-44-0	
Fluorene	ND	ug/kg	477	168	1	04/05/21 15:57	04/06/21 12:41	86-73-7	
Hexachlorobenzene	ND	ug/kg	477	186	1	04/05/21 15:57	04/06/21 12:41	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	477	273	1	04/05/21 15:57	04/06/21 12:41	77-47-4	
Hexachloroethane	ND	ug/kg	477	182	1	04/05/21 15:57	04/06/21 12:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	477	188	1	04/05/21 15:57	04/06/21 12:41	193-39-5	
Isophorone	ND	ug/kg	477	212	1	04/05/21 15:57	04/06/21 12:41	78-59-1	
1-Methylnaphthalene	ND	ug/kg	477	168	1	04/05/21 15:57	04/06/21 12:41	90-12-0	
2-Methylnaphthalene	ND	ug/kg	477	191	1	04/05/21 15:57	04/06/21 12:41	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	477	195	1	04/05/21 15:57	04/06/21 12:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	477	192	1	04/05/21 15:57	04/06/21 12:41	15831-10-4	
2-Nitroaniline	ND	ug/kg	2390	390	1	04/05/21 15:57	04/06/21 12:41	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2390	374	1	04/05/21 15:57	04/06/21 12:41	99-09-2	
4-Nitroaniline	ND	ug/kg	954	363	1	04/05/21 15:57	04/06/21 12:41	100-01-6	
Nitrobenzene	ND	ug/kg	477	221	1	04/05/21 15:57	04/06/21 12:41	98-95-3	v1
2-Nitrophenol	ND	ug/kg	477	207	1	04/05/21 15:57	04/06/21 12:41	88-75-5	
4-Nitrophenol	ND	ug/kg	2390	922	1	04/05/21 15:57	04/06/21 12:41	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	477	160	1	04/05/21 15:57	04/06/21 12:41	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	477	179	1	04/05/21 15:57	04/06/21 12:41	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	477	169	1	04/05/21 15:57	04/06/21 12:41	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	477	227	1	04/05/21 15:57	04/06/21 12:41	108-60-1	
Pentachlorophenol	ND	ug/kg	954	467	1	04/05/21 15:57	04/06/21 12:41	87-86-5	
Phenanthrene	ND	ug/kg	477	156	1	04/05/21 15:57	04/06/21 12:41	85-01-8	
Phenol	ND	ug/kg	477	212	1	04/05/21 15:57	04/06/21 12:41	108-95-2	
Pyrene	322J	ug/kg	477	194	1	04/05/21 15:57	04/06/21 12:41	129-00-0	
Pyridine	ND	ug/kg	477	150	1	04/05/21 15:57	04/06/21 12:41	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	477	218	1	04/05/21 15:57	04/06/21 12:41	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	477	197	1	04/05/21 15:57	04/06/21 12:41	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	04/05/21 15:57	04/06/21 12:41	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/05/21 15:57	04/06/21 12:41	321-60-8	
Terphenyl-d14 (S)	72	%	15-130		1	04/05/21 15:57	04/06/21 12:41	1718-51-0	
Phenol-d6 (S)	44	%	18-130		1	04/05/21 15:57	04/06/21 12:41	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_2-2.5_20210330 **Lab ID:** 92530693006 Collected: 03/30/21 10:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	41	%	18-130		1	04/05/21 15:57	04/06/21 12:41	367-12-4	
2,4,6-Tribromophenol (S)	55	%	18-130		1	04/05/21 15:57	04/06/21 12:41	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	196	62.8	1	04/01/21 16:46	04/01/21 20:20	67-64-1	
Benzene	ND	ug/kg	9.8	3.9	1	04/01/21 16:46	04/01/21 20:20	71-43-2	
Bromobenzene	ND	ug/kg	9.8	3.2	1	04/01/21 16:46	04/01/21 20:20	108-86-1	
Bromochloromethane	ND	ug/kg	9.8	2.9	1	04/01/21 16:46	04/01/21 20:20	74-97-5	
Bromodichloromethane	ND	ug/kg	9.8	3.8	1	04/01/21 16:46	04/01/21 20:20	75-27-4	
Bromoform	ND	ug/kg	9.8	3.4	1	04/01/21 16:46	04/01/21 20:20	75-25-2	
Bromomethane	ND	ug/kg	19.6	15.4	1	04/01/21 16:46	04/01/21 20:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	196	46.9	1	04/01/21 16:46	04/01/21 20:20	78-93-3	
n-Butylbenzene	ND	ug/kg	9.8	4.6	1	04/01/21 16:46	04/01/21 20:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.8	4.3	1	04/01/21 16:46	04/01/21 20:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.8	3.5	1	04/01/21 16:46	04/01/21 20:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.8	3.7	1	04/01/21 16:46	04/01/21 20:20	56-23-5	
Chlorobenzene	ND	ug/kg	9.8	1.9	1	04/01/21 16:46	04/01/21 20:20	108-90-7	
Chloroethane	ND	ug/kg	19.6	7.5	1	04/01/21 16:46	04/01/21 20:20	75-00-3	
Chloroform	ND	ug/kg	9.8	5.9	1	04/01/21 16:46	04/01/21 20:20	67-66-3	
Chloromethane	ND	ug/kg	19.6	8.2	1	04/01/21 16:46	04/01/21 20:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.8	3.5	1	04/01/21 16:46	04/01/21 20:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.8	1.7	1	04/01/21 16:46	04/01/21 20:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	3.8	1	04/01/21 16:46	04/01/21 20:20	96-12-8	
Dibromochloromethane	ND	ug/kg	9.8	5.5	1	04/01/21 16:46	04/01/21 20:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.8	4.3	1	04/01/21 16:46	04/01/21 20:20	106-93-4	
Dibromomethane	ND	ug/kg	9.8	2.1	1	04/01/21 16:46	04/01/21 20:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.8	3.5	1	04/01/21 16:46	04/01/21 20:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.8	3.0	1	04/01/21 16:46	04/01/21 20:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.8	2.5	1	04/01/21 16:46	04/01/21 20:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.6	4.2	1	04/01/21 16:46	04/01/21 20:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.8	4.0	1	04/01/21 16:46	04/01/21 20:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.8	6.5	1	04/01/21 16:46	04/01/21 20:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.8	4.0	1	04/01/21 16:46	04/01/21 20:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.8	3.3	1	04/01/21 16:46	04/01/21 20:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.8	3.4	1	04/01/21 16:46	04/01/21 20:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.8	2.9	1	04/01/21 16:46	04/01/21 20:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.8	3.0	1	04/01/21 16:46	04/01/21 20:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.8	3.2	1	04/01/21 16:46	04/01/21 20:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.8	4.7	1	04/01/21 16:46	04/01/21 20:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.8	2.7	1	04/01/21 16:46	04/01/21 20:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.8	3.4	1	04/01/21 16:46	04/01/21 20:20	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-10B_SE_2-2.5_20210330 Lab ID: 92530693006 Collected: 03/30/21 10:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.8	2.6	1	04/01/21 16:46	04/01/21 20:20	108-20-3	
Ethylbenzene	ND	ug/kg	9.8	4.6	1	04/01/21 16:46	04/01/21 20:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.6	16.0	1	04/01/21 16:46	04/01/21 20:20	87-68-3	
2-Hexanone	ND	ug/kg	97.8	9.4	1	04/01/21 16:46	04/01/21 20:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.8	3.3	1	04/01/21 16:46	04/01/21 20:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.8	4.8	1	04/01/21 16:46	04/01/21 20:20	99-87-6	
Methylene Chloride	ND	ug/kg	39.1	26.8	1	04/01/21 16:46	04/01/21 20:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	97.8	9.4	1	04/01/21 16:46	04/01/21 20:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.8	3.7	1	04/01/21 16:46	04/01/21 20:20	1634-04-4	
Naphthalene	12.2	ug/kg	9.8	5.1	1	04/01/21 16:46	04/01/21 20:20	91-20-3	
n-Propylbenzene	ND	ug/kg	9.8	3.5	1	04/01/21 16:46	04/01/21 20:20	103-65-1	
Styrene	ND	ug/kg	9.8	2.6	1	04/01/21 16:46	04/01/21 20:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.8	3.8	1	04/01/21 16:46	04/01/21 20:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.8	2.6	1	04/01/21 16:46	04/01/21 20:20	79-34-5	
Tetrachloroethene	ND	ug/kg	9.8	3.1	1	04/01/21 16:46	04/01/21 20:20	127-18-4	
Toluene	6.3J	ug/kg	9.8	2.8	1	04/01/21 16:46	04/01/21 20:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.8	7.9	1	04/01/21 16:46	04/01/21 20:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.8	8.2	1	04/01/21 16:46	04/01/21 20:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.8	5.1	1	04/01/21 16:46	04/01/21 20:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.8	3.2	1	04/01/21 16:46	04/01/21 20:20	79-00-5	
Trichloroethene	ND	ug/kg	9.8	2.5	1	04/01/21 16:46	04/01/21 20:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.8	5.4	1	04/01/21 16:46	04/01/21 20:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.8	4.9	1	04/01/21 16:46	04/01/21 20:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.8	2.7	1	04/01/21 16:46	04/01/21 20:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.8	3.3	1	04/01/21 16:46	04/01/21 20:20	108-67-8	
Vinyl acetate	ND	ug/kg	97.8	7.1	1	04/01/21 16:46	04/01/21 20:20	108-05-4	L1
Vinyl chloride	ND	ug/kg	19.6	5.0	1	04/01/21 16:46	04/01/21 20:20	75-01-4	
Xylene (Total)	ND	ug/kg	19.6	5.6	1	04/01/21 16:46	04/01/21 20:20	1330-20-7	
m&p-Xylene	ND	ug/kg	19.6	6.7	1	04/01/21 16:46	04/01/21 20:20	179601-23-1	
o-Xylene	ND	ug/kg	9.8	4.3	1	04/01/21 16:46	04/01/21 20:20	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 20:20	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 20:20	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 20:20	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	30.1	%	0.10	0.10	1		04/01/21 13:41		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_0-0.6_20210330 Lab ID: 92530693007 Collected: 03/30/21 11:20 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	71.3	26.1	1	04/05/21 15:59	04/06/21 11:35	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	71.3	27.5	1	04/05/21 15:59	04/06/21 11:35	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	71.3	25.0	1	04/05/21 15:59	04/06/21 11:35	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	71.3	13.4	1	04/05/21 15:59	04/06/21 11:35	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	71.3	17.8	1	04/05/21 15:59	04/06/21 11:35	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	71.3	13.4	1	04/05/21 15:59	04/06/21 11:35	11097-69-1	
PCB-1260 (Aroclor 1260)	275	ug/kg	71.3	17.0	1	04/05/21 15:59	04/06/21 11:35	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	61	%	10-160		1	04/05/21 15:59	04/06/21 11:35	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	194	ug/kg	21.7	2.2	1	04/05/21 12:02	04/06/21 12:45	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	75	%	31-130		1	04/05/21 12:02	04/06/21 12:45	321-60-8	
Nitrobenzene-d5 (S)	103	%	32-130		1	04/05/21 12:02	04/06/21 12:45	4165-60-0	
Terphenyl-d14 (S)	99	%	24-130		1	04/05/21 12:02	04/06/21 12:45	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	3550	1250	5	04/05/21 15:57	04/06/21 17:38	83-32-9	
Acenaphthylene	ND	ug/kg	3550	1250	5	04/05/21 15:57	04/06/21 17:38	208-96-8	
Aniline	ND	ug/kg	3550	1390	5	04/05/21 15:57	04/06/21 17:38	62-53-3	
Anthracene	ND	ug/kg	3550	1160	5	04/05/21 15:57	04/06/21 17:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	3550	1180	5	04/05/21 15:57	04/06/21 17:38	56-55-3	
Benzo(b)fluoranthene	1220J	ug/kg	3550	1180	5	04/05/21 15:57	04/06/21 17:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	3550	1380	5	04/05/21 15:57	04/06/21 17:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	3550	1250	5	04/05/21 15:57	04/06/21 17:38	207-08-9	
Benzoic Acid	ND	ug/kg	17800	7630	5	04/05/21 15:57	04/06/21 17:38	65-85-0	
Benzyl alcohol	ND	ug/kg	7110	2690	5	04/05/21 15:57	04/06/21 17:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	3550	1370	5	04/05/21 15:57	04/06/21 17:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	3550	1500	5	04/05/21 15:57	04/06/21 17:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	7110	2500	5	04/05/21 15:57	04/06/21 17:38	59-50-7	
4-Chloroaniline	ND	ug/kg	7110	2790	5	04/05/21 15:57	04/06/21 17:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	3550	1480	5	04/05/21 15:57	04/06/21 17:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	3550	1340	5	04/05/21 15:57	04/06/21 17:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	3550	1410	5	04/05/21 15:57	04/06/21 17:38	91-58-7	
2-Chlorophenol	ND	ug/kg	3550	1340	5	04/05/21 15:57	04/06/21 17:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	3550	1320	5	04/05/21 15:57	04/06/21 17:38	7005-72-3	
Chrysene	ND	ug/kg	3550	1290	5	04/05/21 15:57	04/06/21 17:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	3550	1370	5	04/05/21 15:57	04/06/21 17:38	53-70-3	
Dibenzofuran	ND	ug/kg	3550	1280	5	04/05/21 15:57	04/06/21 17:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	7110	2400	5	04/05/21 15:57	04/06/21 17:38	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: **DA4-SB-11_SE_0-0.6_20210330** Lab ID: **92530693007** Collected: 03/30/21 11:20 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	3550	1390	5	04/05/21 15:57	04/06/21 17:38	120-83-2	
Diethylphthalate	ND	ug/kg	3550	1300	5	04/05/21 15:57	04/06/21 17:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	3550	1480	5	04/05/21 15:57	04/06/21 17:38	105-67-9	
Dimethylphthalate	ND	ug/kg	3550	1290	5	04/05/21 15:57	04/06/21 17:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	3550	1200	5	04/05/21 15:57	04/06/21 17:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	7110	3320	5	04/05/21 15:57	04/06/21 17:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	17800	11000	5	04/05/21 15:57	04/06/21 17:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	3550	1370	5	04/05/21 15:57	04/06/21 17:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	3550	1300	5	04/05/21 15:57	04/06/21 17:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	3550	1400	5	04/05/21 15:57	04/06/21 17:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3550	1380	5	04/05/21 15:57	04/06/21 17:38	117-81-7	
Fluoranthene	1910J	ug/kg	3550	1220	5	04/05/21 15:57	04/06/21 17:38	206-44-0	
Fluorene	ND	ug/kg	3550	1250	5	04/05/21 15:57	04/06/21 17:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	3550	1390	5	04/05/21 15:57	04/06/21 17:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	3550	2030	5	04/05/21 15:57	04/06/21 17:38	77-47-4	
Hexachloroethane	ND	ug/kg	3550	1360	5	04/05/21 15:57	04/06/21 17:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3550	1400	5	04/05/21 15:57	04/06/21 17:38	193-39-5	
Isophorone	ND	ug/kg	3550	1580	5	04/05/21 15:57	04/06/21 17:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	3550	1250	5	04/05/21 15:57	04/06/21 17:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	3550	1420	5	04/05/21 15:57	04/06/21 17:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	3550	1450	5	04/05/21 15:57	04/06/21 17:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	3550	1430	5	04/05/21 15:57	04/06/21 17:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	17800	2910	5	04/05/21 15:57	04/06/21 17:38	88-74-4	IL
3-Nitroaniline	ND	ug/kg	17800	2790	5	04/05/21 15:57	04/06/21 17:38	99-09-2	
4-Nitroaniline	ND	ug/kg	7110	2700	5	04/05/21 15:57	04/06/21 17:38	100-01-6	
Nitrobenzene	ND	ug/kg	3550	1650	5	04/05/21 15:57	04/06/21 17:38	98-95-3	v1
2-Nitrophenol	ND	ug/kg	3550	1540	5	04/05/21 15:57	04/06/21 17:38	88-75-5	
4-Nitrophenol	ND	ug/kg	17800	6870	5	04/05/21 15:57	04/06/21 17:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	3550	1200	5	04/05/21 15:57	04/06/21 17:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	3550	1340	5	04/05/21 15:57	04/06/21 17:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	3550	1260	5	04/05/21 15:57	04/06/21 17:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	3550	1690	5	04/05/21 15:57	04/06/21 17:38	108-60-1	
Pentachlorophenol	ND	ug/kg	7110	3480	5	04/05/21 15:57	04/06/21 17:38	87-86-5	
Phenanthrene	ND	ug/kg	3550	1160	5	04/05/21 15:57	04/06/21 17:38	85-01-8	
Phenol	ND	ug/kg	3550	1580	5	04/05/21 15:57	04/06/21 17:38	108-95-2	
Pyrene	1640J	ug/kg	3550	1440	5	04/05/21 15:57	04/06/21 17:38	129-00-0	
Pyridine	ND	ug/kg	3550	1120	5	04/05/21 15:57	04/06/21 17:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	3550	1630	5	04/05/21 15:57	04/06/21 17:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	3550	1460	5	04/05/21 15:57	04/06/21 17:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		5	04/05/21 15:57	04/06/21 17:38	4165-60-0	D3
2-Fluorobiphenyl (S)	57	%	19-130		5	04/05/21 15:57	04/06/21 17:38	321-60-8	
Terphenyl-d14 (S)	73	%	15-130		5	04/05/21 15:57	04/06/21 17:38	1718-51-0	
Phenol-d6 (S)	68	%	18-130		5	04/05/21 15:57	04/06/21 17:38	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_0-0.6_20210330 **Lab ID:** 92530693007 **Collected:** 03/30/21 11:20 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	63	%	18-130		5	04/05/21 15:57	04/06/21 17:38	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		5	04/05/21 15:57	04/06/21 17:38	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	498	ug/kg	394	126	1	04/01/21 16:46	04/01/21 20:38	67-64-1	
Benzene	ND	ug/kg	19.7	7.8	1	04/01/21 16:46	04/01/21 20:38	71-43-2	
Bromobenzene	ND	ug/kg	19.7	6.4	1	04/01/21 16:46	04/01/21 20:38	108-86-1	
Bromochloromethane	ND	ug/kg	19.7	5.8	1	04/01/21 16:46	04/01/21 20:38	74-97-5	
Bromodichloromethane	ND	ug/kg	19.7	7.6	1	04/01/21 16:46	04/01/21 20:38	75-27-4	
Bromoform	ND	ug/kg	19.7	6.9	1	04/01/21 16:46	04/01/21 20:38	75-25-2	
Bromomethane	ND	ug/kg	39.4	31.1	1	04/01/21 16:46	04/01/21 20:38	74-83-9	
2-Butanone (MEK)	254J	ug/kg	394	94.5	1	04/01/21 16:46	04/01/21 20:38	78-93-3	
n-Butylbenzene	ND	ug/kg	19.7	9.3	1	04/01/21 16:46	04/01/21 20:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	19.7	8.7	1	04/01/21 16:46	04/01/21 20:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.7	7.0	1	04/01/21 16:46	04/01/21 20:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	19.7	7.4	1	04/01/21 16:46	04/01/21 20:38	56-23-5	
Chlorobenzene	ND	ug/kg	19.7	3.8	1	04/01/21 16:46	04/01/21 20:38	108-90-7	
Chloroethane	ND	ug/kg	39.4	15.2	1	04/01/21 16:46	04/01/21 20:38	75-00-3	
Chloroform	ND	ug/kg	19.7	12.0	1	04/01/21 16:46	04/01/21 20:38	67-66-3	
Chloromethane	ND	ug/kg	39.4	16.5	1	04/01/21 16:46	04/01/21 20:38	74-87-3	
2-Chlorotoluene	ND	ug/kg	19.7	7.0	1	04/01/21 16:46	04/01/21 20:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	19.7	3.5	1	04/01/21 16:46	04/01/21 20:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	19.7	7.6	1	04/01/21 16:46	04/01/21 20:38	96-12-8	
Dibromochloromethane	ND	ug/kg	19.7	11.1	1	04/01/21 16:46	04/01/21 20:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	19.7	8.7	1	04/01/21 16:46	04/01/21 20:38	106-93-4	
Dibromomethane	ND	ug/kg	19.7	4.2	1	04/01/21 16:46	04/01/21 20:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	19.7	7.1	1	04/01/21 16:46	04/01/21 20:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	19.7	6.1	1	04/01/21 16:46	04/01/21 20:38	541-73-1	
1,4-Dichlorobenzene	14.1J	ug/kg	19.7	5.1	1	04/01/21 16:46	04/01/21 20:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	39.4	8.5	1	04/01/21 16:46	04/01/21 20:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	19.7	8.1	1	04/01/21 16:46	04/01/21 20:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	19.7	13.0	1	04/01/21 16:46	04/01/21 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	19.7	8.1	1	04/01/21 16:46	04/01/21 20:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	19.7	6.7	1	04/01/21 16:46	04/01/21 20:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	19.7	6.9	1	04/01/21 16:46	04/01/21 20:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	19.7	5.9	1	04/01/21 16:46	04/01/21 20:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	19.7	6.1	1	04/01/21 16:46	04/01/21 20:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	19.7	6.4	1	04/01/21 16:46	04/01/21 20:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	19.7	9.5	1	04/01/21 16:46	04/01/21 20:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	19.7	5.4	1	04/01/21 16:46	04/01/21 20:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	19.7	6.8	1	04/01/21 16:46	04/01/21 20:38	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_0-0.6_20210330 **Lab ID:** 92530693007 **Collected:** 03/30/21 11:20 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	19.7	5.3	1	04/01/21 16:46	04/01/21 20:38	108-20-3	
Ethylbenzene	12.6J	ug/kg	19.7	9.2	1	04/01/21 16:46	04/01/21 20:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	39.4	32.2	1	04/01/21 16:46	04/01/21 20:38	87-68-3	
2-Hexanone	ND	ug/kg	197	19.0	1	04/01/21 16:46	04/01/21 20:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	19.7	6.7	1	04/01/21 16:46	04/01/21 20:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	19.7	9.7	1	04/01/21 16:46	04/01/21 20:38	99-87-6	
Methylene Chloride	ND	ug/kg	78.8	54.0	1	04/01/21 16:46	04/01/21 20:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	197	19.0	1	04/01/21 16:46	04/01/21 20:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	19.7	7.4	1	04/01/21 16:46	04/01/21 20:38	1634-04-4	
Naphthalene	147	ug/kg	19.7	10.4	1	04/01/21 16:46	04/01/21 20:38	91-20-3	
n-Propylbenzene	ND	ug/kg	19.7	7.0	1	04/01/21 16:46	04/01/21 20:38	103-65-1	
Styrene	ND	ug/kg	19.7	5.2	1	04/01/21 16:46	04/01/21 20:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	19.7	7.6	1	04/01/21 16:46	04/01/21 20:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	19.7	5.2	1	04/01/21 16:46	04/01/21 20:38	79-34-5	
Tetrachloroethene	ND	ug/kg	19.7	6.2	1	04/01/21 16:46	04/01/21 20:38	127-18-4	
Toluene	15.8J	ug/kg	19.7	5.6	1	04/01/21 16:46	04/01/21 20:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	19.7	15.9	1	04/01/21 16:46	04/01/21 20:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	19.7	16.5	1	04/01/21 16:46	04/01/21 20:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	19.7	10.2	1	04/01/21 16:46	04/01/21 20:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	19.7	6.5	1	04/01/21 16:46	04/01/21 20:38	79-00-5	
Trichloroethene	ND	ug/kg	19.7	5.1	1	04/01/21 16:46	04/01/21 20:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	19.7	10.8	1	04/01/21 16:46	04/01/21 20:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	19.7	10	1	04/01/21 16:46	04/01/21 20:38	96-18-4	
1,2,4-Trimethylbenzene	13.9J	ug/kg	19.7	5.4	1	04/01/21 16:46	04/01/21 20:38	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	19.7	6.6	1	04/01/21 16:46	04/01/21 20:38	108-67-8	
Vinyl acetate	ND	ug/kg	197	14.3	1	04/01/21 16:46	04/01/21 20:38	108-05-4	L1
Vinyl chloride	ND	ug/kg	39.4	10.0	1	04/01/21 16:46	04/01/21 20:38	75-01-4	
Xylene (Total)	34.0J	ug/kg	39.4	11.2	1	04/01/21 16:46	04/01/21 20:38	1330-20-7	
m&p-Xylene	23.8J	ug/kg	39.4	13.5	1	04/01/21 16:46	04/01/21 20:38	179601-23-1	
o-Xylene	10.3J	ug/kg	19.7	8.7	1	04/01/21 16:46	04/01/21 20:38	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/01/21 16:46	04/01/21 20:38	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 20:38	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 20:38	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	54.0	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_6-7_20210330 **Lab ID:** 92530693008 Collected: 03/30/21 13:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.1	19.4	1	04/05/21 15:59	04/06/21 11:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.1	20.5	1	04/05/21 15:59	04/06/21 11:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.1	18.6	1	04/05/21 15:59	04/06/21 11:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.1	10.0	1	04/05/21 15:59	04/06/21 11:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	53.1	13.2	1	04/05/21 15:59	04/06/21 11:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.1	10	1	04/05/21 15:59	04/06/21 11:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.1	12.7	1	04/05/21 15:59	04/06/21 11:49	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	50	%	10-160		1	04/05/21 15:59	04/06/21 11:49	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	38.2	ug/kg	16.2	1.7	1	04/05/21 12:02	04/06/21 13:05	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	86	%	31-130		1	04/05/21 12:02	04/06/21 13:05	321-60-8	
Nitrobenzene-d5 (S)	114	%	32-130		1	04/05/21 12:02	04/06/21 13:05	4165-60-0	
Terphenyl-d14 (S)	112	%	24-130		1	04/05/21 12:02	04/06/21 13:05	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	525	185	1	04/05/21 15:57	04/06/21 13:08	83-32-9	
Acenaphthylene	ND	ug/kg	525	185	1	04/05/21 15:57	04/06/21 13:08	208-96-8	
Aniline	ND	ug/kg	525	205	1	04/05/21 15:57	04/06/21 13:08	62-53-3	
Anthracene	ND	ug/kg	525	172	1	04/05/21 15:57	04/06/21 13:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	525	175	1	04/05/21 15:57	04/06/21 13:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	525	175	1	04/05/21 15:57	04/06/21 13:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	525	204	1	04/05/21 15:57	04/06/21 13:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	525	185	1	04/05/21 15:57	04/06/21 13:08	207-08-9	
Benzoic Acid	ND	ug/kg	2630	1130	1	04/05/21 15:57	04/06/21 13:08	65-85-0	
Benzyl alcohol	ND	ug/kg	1050	398	1	04/05/21 15:57	04/06/21 13:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	525	202	1	04/05/21 15:57	04/06/21 13:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	525	221	1	04/05/21 15:57	04/06/21 13:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1050	369	1	04/05/21 15:57	04/06/21 13:08	59-50-7	
4-Chloroaniline	ND	ug/kg	1050	412	1	04/05/21 15:57	04/06/21 13:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	525	218	1	04/05/21 15:57	04/06/21 13:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	525	197	1	04/05/21 15:57	04/06/21 13:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	525	209	1	04/05/21 15:57	04/06/21 13:08	91-58-7	
2-Chlorophenol	ND	ug/kg	525	197	1	04/05/21 15:57	04/06/21 13:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	525	196	1	04/05/21 15:57	04/06/21 13:08	7005-72-3	
Chrysene	ND	ug/kg	525	191	1	04/05/21 15:57	04/06/21 13:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	525	202	1	04/05/21 15:57	04/06/21 13:08	53-70-3	
Dibenzofuran	ND	ug/kg	525	189	1	04/05/21 15:57	04/06/21 13:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1050	355	1	04/05/21 15:57	04/06/21 13:08	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_6-7_20210330 **Lab ID:** 92530693008 **Collected:** 03/30/21 13:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	525	205	1	04/05/21 15:57	04/06/21 13:08	120-83-2	
Diethylphthalate	ND	ug/kg	525	193	1	04/05/21 15:57	04/06/21 13:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	525	218	1	04/05/21 15:57	04/06/21 13:08	105-67-9	
Dimethylphthalate	ND	ug/kg	525	191	1	04/05/21 15:57	04/06/21 13:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	525	177	1	04/05/21 15:57	04/06/21 13:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1050	490	1	04/05/21 15:57	04/06/21 13:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2630	1620	1	04/05/21 15:57	04/06/21 13:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	525	202	1	04/05/21 15:57	04/06/21 13:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	525	193	1	04/05/21 15:57	04/06/21 13:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	525	207	1	04/05/21 15:57	04/06/21 13:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	525	204	1	04/05/21 15:57	04/06/21 13:08	117-81-7	
Fluoranthene	ND	ug/kg	525	180	1	04/05/21 15:57	04/06/21 13:08	206-44-0	
Fluorene	ND	ug/kg	525	185	1	04/05/21 15:57	04/06/21 13:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	525	205	1	04/05/21 15:57	04/06/21 13:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	525	301	1	04/05/21 15:57	04/06/21 13:08	77-47-4	
Hexachloroethane	ND	ug/kg	525	201	1	04/05/21 15:57	04/06/21 13:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	525	207	1	04/05/21 15:57	04/06/21 13:08	193-39-5	
Isophorone	ND	ug/kg	525	234	1	04/05/21 15:57	04/06/21 13:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	525	185	1	04/05/21 15:57	04/06/21 13:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	525	210	1	04/05/21 15:57	04/06/21 13:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	525	215	1	04/05/21 15:57	04/06/21 13:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	525	212	1	04/05/21 15:57	04/06/21 13:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2630	430	1	04/05/21 15:57	04/06/21 13:08	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2630	412	1	04/05/21 15:57	04/06/21 13:08	99-09-2	
4-Nitroaniline	ND	ug/kg	1050	400	1	04/05/21 15:57	04/06/21 13:08	100-01-6	
Nitrobenzene	ND	ug/kg	525	244	1	04/05/21 15:57	04/06/21 13:08	98-95-3	v1
2-Nitrophenol	ND	ug/kg	525	228	1	04/05/21 15:57	04/06/21 13:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2630	1020	1	04/05/21 15:57	04/06/21 13:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	525	177	1	04/05/21 15:57	04/06/21 13:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	525	197	1	04/05/21 15:57	04/06/21 13:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	525	186	1	04/05/21 15:57	04/06/21 13:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	525	250	1	04/05/21 15:57	04/06/21 13:08	108-60-1	
Pentachlorophenol	ND	ug/kg	1050	514	1	04/05/21 15:57	04/06/21 13:08	87-86-5	
Phenanthrene	ND	ug/kg	525	172	1	04/05/21 15:57	04/06/21 13:08	85-01-8	
Phenol	ND	ug/kg	525	234	1	04/05/21 15:57	04/06/21 13:08	108-95-2	
Pyrene	ND	ug/kg	525	213	1	04/05/21 15:57	04/06/21 13:08	129-00-0	
Pyridine	ND	ug/kg	525	166	1	04/05/21 15:57	04/06/21 13:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	525	240	1	04/05/21 15:57	04/06/21 13:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	525	216	1	04/05/21 15:57	04/06/21 13:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/05/21 15:57	04/06/21 13:08	4165-60-0	
2-Fluorobiphenyl (S)	57	%	19-130		1	04/05/21 15:57	04/06/21 13:08	321-60-8	
Terphenyl-d14 (S)	82	%	15-130		1	04/05/21 15:57	04/06/21 13:08	1718-51-0	
Phenol-d6 (S)	54	%	18-130		1	04/05/21 15:57	04/06/21 13:08	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_6-7_20210330 **Lab ID:** 92530693008 Collected: 03/30/21 13:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	56	%	18-130		1	04/05/21 15:57	04/06/21 13:08	367-12-4	
2,4,6-Tribromophenol (S)	62	%	18-130		1	04/05/21 15:57	04/06/21 13:08	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	137J	ug/kg	198	63.6	1	04/01/21 16:46	04/01/21 20:56	67-64-1	
Benzene	ND	ug/kg	9.9	3.9	1	04/01/21 16:46	04/01/21 20:56	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/01/21 16:46	04/01/21 20:56	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/01/21 16:46	04/01/21 20:56	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/01/21 16:46	04/01/21 20:56	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/01/21 16:46	04/01/21 20:56	75-25-2	
Bromomethane	ND	ug/kg	19.8	15.6	1	04/01/21 16:46	04/01/21 20:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	198	47.5	1	04/01/21 16:46	04/01/21 20:56	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/01/21 16:46	04/01/21 20:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/01/21 16:46	04/01/21 20:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/01/21 16:46	04/01/21 20:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/01/21 16:46	04/01/21 20:56	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/01/21 16:46	04/01/21 20:56	108-90-7	
Chloroethane	ND	ug/kg	19.8	7.6	1	04/01/21 16:46	04/01/21 20:56	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/01/21 16:46	04/01/21 20:56	67-66-3	
Chloromethane	ND	ug/kg	19.8	8.3	1	04/01/21 16:46	04/01/21 20:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/01/21 16:46	04/01/21 20:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/01/21 16:46	04/01/21 20:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.8	1	04/01/21 16:46	04/01/21 20:56	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/01/21 16:46	04/01/21 20:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/01/21 16:46	04/01/21 20:56	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/01/21 16:46	04/01/21 20:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/01/21 16:46	04/01/21 20:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/01/21 16:46	04/01/21 20:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/01/21 16:46	04/01/21 20:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.8	4.3	1	04/01/21 16:46	04/01/21 20:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/01/21 16:46	04/01/21 20:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/01/21 16:46	04/01/21 20:56	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/01/21 16:46	04/01/21 20:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/01/21 16:46	04/01/21 20:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/01/21 16:46	04/01/21 20:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/01/21 16:46	04/01/21 20:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/01/21 16:46	04/01/21 20:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/01/21 16:46	04/01/21 20:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/01/21 16:46	04/01/21 20:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/01/21 16:46	04/01/21 20:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/01/21 16:46	04/01/21 20:56	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11_SE_6-7_20210330 **Lab ID:** 92530693008 **Collected:** 03/30/21 13:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/01/21 16:46	04/01/21 20:56	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/01/21 16:46	04/01/21 20:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.8	16.2	1	04/01/21 16:46	04/01/21 20:56	87-68-3	
2-Hexanone	ND	ug/kg	99.0	9.5	1	04/01/21 16:46	04/01/21 20:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.9	3.4	1	04/01/21 16:46	04/01/21 20:56	98-82-8	
p-Isopropyltoluene	12.3	ug/kg	9.9	4.9	1	04/01/21 16:46	04/01/21 20:56	99-87-6	
Methylene Chloride	ND	ug/kg	39.6	27.1	1	04/01/21 16:46	04/01/21 20:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.0	9.5	1	04/01/21 16:46	04/01/21 20:56	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/01/21 16:46	04/01/21 20:56	1634-04-4	
Naphthalene	33.3	ug/kg	9.9	5.2	1	04/01/21 16:46	04/01/21 20:56	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/01/21 16:46	04/01/21 20:56	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/01/21 16:46	04/01/21 20:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/01/21 16:46	04/01/21 20:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/01/21 16:46	04/01/21 20:56	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/01/21 16:46	04/01/21 20:56	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/01/21 16:46	04/01/21 20:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/01/21 16:46	04/01/21 20:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/01/21 16:46	04/01/21 20:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.1	1	04/01/21 16:46	04/01/21 20:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/01/21 16:46	04/01/21 20:56	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/01/21 16:46	04/01/21 20:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.4	1	04/01/21 16:46	04/01/21 20:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/01/21 16:46	04/01/21 20:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/01/21 16:46	04/01/21 20:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/01/21 16:46	04/01/21 20:56	108-67-8	
Vinyl acetate	ND	ug/kg	99.0	7.2	1	04/01/21 16:46	04/01/21 20:56	108-05-4	L1
Vinyl chloride	ND	ug/kg	19.8	5.0	1	04/01/21 16:46	04/01/21 20:56	75-01-4	
Xylene (Total)	ND	ug/kg	19.8	5.6	1	04/01/21 16:46	04/01/21 20:56	1330-20-7	
m&p-Xylene	ND	ug/kg	19.8	6.8	1	04/01/21 16:46	04/01/21 20:56	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/01/21 16:46	04/01/21 20:56	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 20:56	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 20:56	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/01/21 16:46	04/01/21 20:56	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	37.4	%	0.10	0.10	1		04/01/21 13:41		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_0-0.6_20210330 **Lab ID:** 92530693009 Collected: 03/30/21 11:40 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.1	19.5	1	04/05/21 15:59	04/06/21 12:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.1	20.5	1	04/05/21 15:59	04/06/21 12:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.1	18.6	1	04/05/21 15:59	04/06/21 12:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.1	10.0	1	04/05/21 15:59	04/06/21 12:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	53.1	13.3	1	04/05/21 15:59	04/06/21 12:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.1	10	1	04/05/21 15:59	04/06/21 12:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.1	12.7	1	04/05/21 15:59	04/06/21 12:04	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	64	%	10-160		1	04/05/21 15:59	04/06/21 12:04	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	57.8	ug/kg	15.7	1.6	1	04/05/21 12:02	04/06/21 13:25	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	85	%	31-130		1	04/05/21 12:02	04/06/21 13:25	321-60-8	
Nitrobenzene-d5 (S)	113	%	32-130		1	04/05/21 12:02	04/06/21 13:25	4165-60-0	
Terphenyl-d14 (S)	114	%	24-130		1	04/05/21 12:02	04/06/21 13:25	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	528	186	1	04/05/21 15:57	04/06/21 14:02	83-32-9	
Acenaphthylene	ND	ug/kg	528	186	1	04/05/21 15:57	04/06/21 14:02	208-96-8	
Aniline	ND	ug/kg	528	206	1	04/05/21 15:57	04/06/21 14:02	62-53-3	
Anthracene	ND	ug/kg	528	173	1	04/05/21 15:57	04/06/21 14:02	120-12-7	
Benzo(a)anthracene	ND	ug/kg	528	176	1	04/05/21 15:57	04/06/21 14:02	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	528	176	1	04/05/21 15:57	04/06/21 14:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	528	205	1	04/05/21 15:57	04/06/21 14:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	528	186	1	04/05/21 15:57	04/06/21 14:02	207-08-9	
Benzoic Acid	ND	ug/kg	2640	1130	1	04/05/21 15:57	04/06/21 14:02	65-85-0	
Benzyl alcohol	ND	ug/kg	1060	400	1	04/05/21 15:57	04/06/21 14:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	528	203	1	04/05/21 15:57	04/06/21 14:02	101-55-3	
Butylbenzylphthalate	ND	ug/kg	528	222	1	04/05/21 15:57	04/06/21 14:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1060	371	1	04/05/21 15:57	04/06/21 14:02	59-50-7	
4-Chloroaniline	ND	ug/kg	1060	414	1	04/05/21 15:57	04/06/21 14:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	528	219	1	04/05/21 15:57	04/06/21 14:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	528	198	1	04/05/21 15:57	04/06/21 14:02	111-44-4	
2-Chloronaphthalene	ND	ug/kg	528	210	1	04/05/21 15:57	04/06/21 14:02	91-58-7	
2-Chlorophenol	ND	ug/kg	528	198	1	04/05/21 15:57	04/06/21 14:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	528	197	1	04/05/21 15:57	04/06/21 14:02	7005-72-3	
Chrysene	ND	ug/kg	528	192	1	04/05/21 15:57	04/06/21 14:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	528	203	1	04/05/21 15:57	04/06/21 14:02	53-70-3	
Dibenzofuran	ND	ug/kg	528	190	1	04/05/21 15:57	04/06/21 14:02	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1060	357	1	04/05/21 15:57	04/06/21 14:02	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_0-0.6_20210330 **Lab ID: 92530693009** Collected: 03/30/21 11:40 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	528	206	1	04/05/21 15:57	04/06/21 14:02	120-83-2	
Diethylphthalate	ND	ug/kg	528	194	1	04/05/21 15:57	04/06/21 14:02	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	528	219	1	04/05/21 15:57	04/06/21 14:02	105-67-9	
Dimethylphthalate	ND	ug/kg	528	192	1	04/05/21 15:57	04/06/21 14:02	131-11-3	
Di-n-butylphthalate	ND	ug/kg	528	178	1	04/05/21 15:57	04/06/21 14:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1060	493	1	04/05/21 15:57	04/06/21 14:02	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2640	1630	1	04/05/21 15:57	04/06/21 14:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	528	203	1	04/05/21 15:57	04/06/21 14:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	528	194	1	04/05/21 15:57	04/06/21 14:02	606-20-2	
Di-n-octylphthalate	ND	ug/kg	528	208	1	04/05/21 15:57	04/06/21 14:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	528	205	1	04/05/21 15:57	04/06/21 14:02	117-81-7	
Fluoranthene	ND	ug/kg	528	181	1	04/05/21 15:57	04/06/21 14:02	206-44-0	
Fluorene	ND	ug/kg	528	186	1	04/05/21 15:57	04/06/21 14:02	86-73-7	
Hexachlorobenzene	ND	ug/kg	528	206	1	04/05/21 15:57	04/06/21 14:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	528	302	1	04/05/21 15:57	04/06/21 14:02	77-47-4	
Hexachloroethane	ND	ug/kg	528	202	1	04/05/21 15:57	04/06/21 14:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	528	208	1	04/05/21 15:57	04/06/21 14:02	193-39-5	
Isophorone	ND	ug/kg	528	235	1	04/05/21 15:57	04/06/21 14:02	78-59-1	
1-Methylnaphthalene	ND	ug/kg	528	186	1	04/05/21 15:57	04/06/21 14:02	90-12-0	
2-Methylnaphthalene	ND	ug/kg	528	211	1	04/05/21 15:57	04/06/21 14:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	528	216	1	04/05/21 15:57	04/06/21 14:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	528	213	1	04/05/21 15:57	04/06/21 14:02	15831-10-4	
2-Nitroaniline	ND	ug/kg	2640	432	1	04/05/21 15:57	04/06/21 14:02	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2640	414	1	04/05/21 15:57	04/06/21 14:02	99-09-2	
4-Nitroaniline	ND	ug/kg	1060	401	1	04/05/21 15:57	04/06/21 14:02	100-01-6	
Nitrobenzene	ND	ug/kg	528	245	1	04/05/21 15:57	04/06/21 14:02	98-95-3	v1
2-Nitrophenol	ND	ug/kg	528	229	1	04/05/21 15:57	04/06/21 14:02	88-75-5	
4-Nitrophenol	ND	ug/kg	2640	1020	1	04/05/21 15:57	04/06/21 14:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	528	178	1	04/05/21 15:57	04/06/21 14:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	528	198	1	04/05/21 15:57	04/06/21 14:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	528	187	1	04/05/21 15:57	04/06/21 14:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	528	251	1	04/05/21 15:57	04/06/21 14:02	108-60-1	
Pentachlorophenol	ND	ug/kg	1060	517	1	04/05/21 15:57	04/06/21 14:02	87-86-5	
Phenanthrene	ND	ug/kg	528	173	1	04/05/21 15:57	04/06/21 14:02	85-01-8	
Phenol	ND	ug/kg	528	235	1	04/05/21 15:57	04/06/21 14:02	108-95-2	
Pyrene	ND	ug/kg	528	214	1	04/05/21 15:57	04/06/21 14:02	129-00-0	
Pyridine	ND	ug/kg	528	166	1	04/05/21 15:57	04/06/21 14:02	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	528	242	1	04/05/21 15:57	04/06/21 14:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	528	218	1	04/05/21 15:57	04/06/21 14:02	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	21-130		1	04/05/21 15:57	04/06/21 14:02	4165-60-0	
2-Fluorobiphenyl (S)	62	%	19-130		1	04/05/21 15:57	04/06/21 14:02	321-60-8	
Terphenyl-d14 (S)	92	%	15-130		1	04/05/21 15:57	04/06/21 14:02	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	04/05/21 15:57	04/06/21 14:02	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_0-0.6_20210330 **Lab ID:** 92530693009 Collected: 03/30/21 11:40 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	58	%	18-130		1	04/05/21 15:57	04/06/21 14:02	367-12-4	
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/05/21 15:57	04/06/21 14:02	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	206	66.0	1	04/01/21 16:46	04/01/21 21:14	67-64-1	
Benzene	ND	ug/kg	10.3	4.1	1	04/01/21 16:46	04/01/21 21:14	71-43-2	
Bromobenzene	ND	ug/kg	10.3	3.4	1	04/01/21 16:46	04/01/21 21:14	108-86-1	
Bromochloromethane	ND	ug/kg	10.3	3.0	1	04/01/21 16:46	04/01/21 21:14	74-97-5	
Bromodichloromethane	ND	ug/kg	10.3	4.0	1	04/01/21 16:46	04/01/21 21:14	75-27-4	
Bromoform	ND	ug/kg	10.3	3.6	1	04/01/21 16:46	04/01/21 21:14	75-25-2	
Bromomethane	ND	ug/kg	20.6	16.2	1	04/01/21 16:46	04/01/21 21:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	206	49.4	1	04/01/21 16:46	04/01/21 21:14	78-93-3	
n-Butylbenzene	ND	ug/kg	10.3	4.9	1	04/01/21 16:46	04/01/21 21:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.3	4.5	1	04/01/21 16:46	04/01/21 21:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.3	3.7	1	04/01/21 16:46	04/01/21 21:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.3	3.8	1	04/01/21 16:46	04/01/21 21:14	56-23-5	
Chlorobenzene	ND	ug/kg	10.3	2.0	1	04/01/21 16:46	04/01/21 21:14	108-90-7	
Chloroethane	ND	ug/kg	20.6	7.9	1	04/01/21 16:46	04/01/21 21:14	75-00-3	
Chloroform	ND	ug/kg	10.3	6.3	1	04/01/21 16:46	04/01/21 21:14	67-66-3	
Chloromethane	ND	ug/kg	20.6	8.6	1	04/01/21 16:46	04/01/21 21:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.3	3.6	1	04/01/21 16:46	04/01/21 21:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.3	1.8	1	04/01/21 16:46	04/01/21 21:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.3	4.0	1	04/01/21 16:46	04/01/21 21:14	96-12-8	
Dibromochloromethane	ND	ug/kg	10.3	5.8	1	04/01/21 16:46	04/01/21 21:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.3	4.5	1	04/01/21 16:46	04/01/21 21:14	106-93-4	
Dibromomethane	ND	ug/kg	10.3	2.2	1	04/01/21 16:46	04/01/21 21:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.3	3.7	1	04/01/21 16:46	04/01/21 21:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.3	3.2	1	04/01/21 16:46	04/01/21 21:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.3	2.7	1	04/01/21 16:46	04/01/21 21:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.6	4.5	1	04/01/21 16:46	04/01/21 21:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.3	4.2	1	04/01/21 16:46	04/01/21 21:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.3	6.8	1	04/01/21 16:46	04/01/21 21:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.3	4.2	1	04/01/21 16:46	04/01/21 21:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.3	3.5	1	04/01/21 16:46	04/01/21 21:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.3	3.6	1	04/01/21 16:46	04/01/21 21:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.3	3.1	1	04/01/21 16:46	04/01/21 21:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.3	3.2	1	04/01/21 16:46	04/01/21 21:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.3	3.4	1	04/01/21 16:46	04/01/21 21:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.3	4.9	1	04/01/21 16:46	04/01/21 21:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.3	2.8	1	04/01/21 16:46	04/01/21 21:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.3	3.5	1	04/01/21 16:46	04/01/21 21:14	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_0-0.6_20210330 **Lab ID:** 92530693009 Collected: 03/30/21 11:40 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	10.3	2.8	1	04/01/21 16:46	04/01/21 21:14	108-20-3	
Ethylbenzene	ND	ug/kg	10.3	4.8	1	04/01/21 16:46	04/01/21 21:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	20.6	16.8	1	04/01/21 16:46	04/01/21 21:14	87-68-3	
2-Hexanone	ND	ug/kg	103	9.9	1	04/01/21 16:46	04/01/21 21:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.3	3.5	1	04/01/21 16:46	04/01/21 21:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.3	5.1	1	04/01/21 16:46	04/01/21 21:14	99-87-6	
Methylene Chloride	ND	ug/kg	41.1	28.2	1	04/01/21 16:46	04/01/21 21:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	103	9.9	1	04/01/21 16:46	04/01/21 21:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.3	3.8	1	04/01/21 16:46	04/01/21 21:14	1634-04-4	
Naphthalene	5.5J	ug/kg	10.3	5.4	1	04/01/21 16:46	04/01/21 21:14	91-20-3	
n-Propylbenzene	ND	ug/kg	10.3	3.7	1	04/01/21 16:46	04/01/21 21:14	103-65-1	
Styrene	ND	ug/kg	10.3	2.7	1	04/01/21 16:46	04/01/21 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.3	3.9	1	04/01/21 16:46	04/01/21 21:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.3	2.7	1	04/01/21 16:46	04/01/21 21:14	79-34-5	
Tetrachloroethene	ND	ug/kg	10.3	3.2	1	04/01/21 16:46	04/01/21 21:14	127-18-4	
Toluene	ND	ug/kg	10.3	2.9	1	04/01/21 16:46	04/01/21 21:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.3	8.3	1	04/01/21 16:46	04/01/21 21:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.3	8.6	1	04/01/21 16:46	04/01/21 21:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.3	5.3	1	04/01/21 16:46	04/01/21 21:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.3	3.4	1	04/01/21 16:46	04/01/21 21:14	79-00-5	
Trichloroethene	ND	ug/kg	10.3	2.7	1	04/01/21 16:46	04/01/21 21:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.3	5.7	1	04/01/21 16:46	04/01/21 21:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.3	5.2	1	04/01/21 16:46	04/01/21 21:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10.3	2.8	1	04/01/21 16:46	04/01/21 21:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.3	3.5	1	04/01/21 16:46	04/01/21 21:14	108-67-8	
Vinyl acetate	ND	ug/kg	103	7.5	1	04/01/21 16:46	04/01/21 21:14	108-05-4	L1
Vinyl chloride	ND	ug/kg	20.6	5.2	1	04/01/21 16:46	04/01/21 21:14	75-01-4	
Xylene (Total)	ND	ug/kg	20.6	5.9	1	04/01/21 16:46	04/01/21 21:14	1330-20-7	
m&p-Xylene	ND	ug/kg	20.6	7.0	1	04/01/21 16:46	04/01/21 21:14	179601-23-1	
o-Xylene	ND	ug/kg	10.3	4.5	1	04/01/21 16:46	04/01/21 21:14	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 21:14	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/01/21 16:46	04/01/21 21:14	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	36.8	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_2-2.5_20210330 **Lab ID: 92530693010** Collected: 03/30/21 14:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.0	17.9	1	04/05/21 15:59	04/06/21 12:18	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.0	18.9	1	04/05/21 15:59	04/06/21 12:18	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.0	17.2	1	04/05/21 15:59	04/06/21 12:18	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.0	9.2	1	04/05/21 15:59	04/06/21 12:18	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.0	12.2	1	04/05/21 15:59	04/06/21 12:18	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.0	9.2	1	04/05/21 15:59	04/06/21 12:18	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.0	11.7	1	04/05/21 15:59	04/06/21 12:18	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	61	%	10-160		1	04/05/21 15:59	04/06/21 12:18	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	41.0	ug/kg	14.9	1.5	1	04/05/21 12:02	04/06/21 13:45	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	92	%	31-130		1	04/05/21 12:02	04/06/21 13:45	321-60-8	
Nitrobenzene-d5 (S)	108	%	32-130		1	04/05/21 12:02	04/06/21 13:45	4165-60-0	
Terphenyl-d14 (S)	119	%	24-130		1	04/05/21 12:02	04/06/21 13:45	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	491	173	1	04/05/21 15:57	04/06/21 14:29	83-32-9	
Acenaphthylene	ND	ug/kg	491	173	1	04/05/21 15:57	04/06/21 14:29	208-96-8	
Aniline	ND	ug/kg	491	192	1	04/05/21 15:57	04/06/21 14:29	62-53-3	
Anthracene	ND	ug/kg	491	161	1	04/05/21 15:57	04/06/21 14:29	120-12-7	
Benzo(a)anthracene	ND	ug/kg	491	164	1	04/05/21 15:57	04/06/21 14:29	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	491	164	1	04/05/21 15:57	04/06/21 14:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	491	191	1	04/05/21 15:57	04/06/21 14:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	491	173	1	04/05/21 15:57	04/06/21 14:29	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	04/05/21 15:57	04/06/21 14:29	65-85-0	
Benzyl alcohol	ND	ug/kg	983	372	1	04/05/21 15:57	04/06/21 14:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	491	189	1	04/05/21 15:57	04/06/21 14:29	101-55-3	
Butylbenzylphthalate	ND	ug/kg	491	207	1	04/05/21 15:57	04/06/21 14:29	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	983	345	1	04/05/21 15:57	04/06/21 14:29	59-50-7	
4-Chloroaniline	ND	ug/kg	983	386	1	04/05/21 15:57	04/06/21 14:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	491	204	1	04/05/21 15:57	04/06/21 14:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	491	185	1	04/05/21 15:57	04/06/21 14:29	111-44-4	
2-Chloronaphthalene	ND	ug/kg	491	195	1	04/05/21 15:57	04/06/21 14:29	91-58-7	
2-Chlorophenol	ND	ug/kg	491	185	1	04/05/21 15:57	04/06/21 14:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	491	183	1	04/05/21 15:57	04/06/21 14:29	7005-72-3	
Chrysene	ND	ug/kg	491	179	1	04/05/21 15:57	04/06/21 14:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	491	189	1	04/05/21 15:57	04/06/21 14:29	53-70-3	
Dibenzofuran	ND	ug/kg	491	177	1	04/05/21 15:57	04/06/21 14:29	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	983	332	1	04/05/21 15:57	04/06/21 14:29	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_2-2.5_20210330 **Lab ID: 92530693010** Collected: 03/30/21 14:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	491	192	1	04/05/21 15:57	04/06/21 14:29	120-83-2	
Diethylphthalate	ND	ug/kg	491	180	1	04/05/21 15:57	04/06/21 14:29	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	491	204	1	04/05/21 15:57	04/06/21 14:29	105-67-9	
Dimethylphthalate	ND	ug/kg	491	179	1	04/05/21 15:57	04/06/21 14:29	131-11-3	
Di-n-butylphthalate	ND	ug/kg	491	165	1	04/05/21 15:57	04/06/21 14:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	983	459	1	04/05/21 15:57	04/06/21 14:29	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	04/05/21 15:57	04/06/21 14:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	491	189	1	04/05/21 15:57	04/06/21 14:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	491	180	1	04/05/21 15:57	04/06/21 14:29	606-20-2	
Di-n-octylphthalate	ND	ug/kg	491	194	1	04/05/21 15:57	04/06/21 14:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	491	191	1	04/05/21 15:57	04/06/21 14:29	117-81-7	
Fluoranthene	ND	ug/kg	491	168	1	04/05/21 15:57	04/06/21 14:29	206-44-0	
Fluorene	ND	ug/kg	491	173	1	04/05/21 15:57	04/06/21 14:29	86-73-7	
Hexachlorobenzene	ND	ug/kg	491	192	1	04/05/21 15:57	04/06/21 14:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	491	281	1	04/05/21 15:57	04/06/21 14:29	77-47-4	
Hexachloroethane	ND	ug/kg	491	188	1	04/05/21 15:57	04/06/21 14:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	491	194	1	04/05/21 15:57	04/06/21 14:29	193-39-5	
Isophorone	ND	ug/kg	491	219	1	04/05/21 15:57	04/06/21 14:29	78-59-1	
1-Methylnaphthalene	ND	ug/kg	491	173	1	04/05/21 15:57	04/06/21 14:29	90-12-0	
2-Methylnaphthalene	ND	ug/kg	491	197	1	04/05/21 15:57	04/06/21 14:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	491	201	1	04/05/21 15:57	04/06/21 14:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	491	198	1	04/05/21 15:57	04/06/21 14:29	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	04/05/21 15:57	04/06/21 14:29	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2460	386	1	04/05/21 15:57	04/06/21 14:29	99-09-2	
4-Nitroaniline	ND	ug/kg	983	374	1	04/05/21 15:57	04/06/21 14:29	100-01-6	
Nitrobenzene	ND	ug/kg	491	228	1	04/05/21 15:57	04/06/21 14:29	98-95-3	v1
2-Nitrophenol	ND	ug/kg	491	213	1	04/05/21 15:57	04/06/21 14:29	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	950	1	04/05/21 15:57	04/06/21 14:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	491	165	1	04/05/21 15:57	04/06/21 14:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	491	185	1	04/05/21 15:57	04/06/21 14:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	491	174	1	04/05/21 15:57	04/06/21 14:29	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	491	234	1	04/05/21 15:57	04/06/21 14:29	108-60-1	
Pentachlorophenol	ND	ug/kg	983	481	1	04/05/21 15:57	04/06/21 14:29	87-86-5	
Phenanthrene	ND	ug/kg	491	161	1	04/05/21 15:57	04/06/21 14:29	85-01-8	
Phenol	ND	ug/kg	491	219	1	04/05/21 15:57	04/06/21 14:29	108-95-2	
Pyrene	ND	ug/kg	491	199	1	04/05/21 15:57	04/06/21 14:29	129-00-0	
Pyridine	ND	ug/kg	491	155	1	04/05/21 15:57	04/06/21 14:29	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	491	225	1	04/05/21 15:57	04/06/21 14:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	491	202	1	04/05/21 15:57	04/06/21 14:29	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	73	%	21-130		1	04/05/21 15:57	04/06/21 14:29	4165-60-0	
2-Fluorobiphenyl (S)	59	%	19-130		1	04/05/21 15:57	04/06/21 14:29	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/05/21 15:57	04/06/21 14:29	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	04/05/21 15:57	04/06/21 14:29	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_2-2.5_20210330 **Lab ID:** 92530693010 **Collected:** 03/30/21 14:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	63	%	18-130		1	04/05/21 15:57	04/06/21 14:29	367-12-4	
2,4,6-Tribromophenol (S)	62	%	18-130		1	04/05/21 15:57	04/06/21 14:29	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	186	59.7	1	04/01/21 16:46	04/01/21 21:32	67-64-1	
Benzene	ND	ug/kg	9.3	3.7	1	04/01/21 16:46	04/01/21 21:32	71-43-2	
Bromobenzene	ND	ug/kg	9.3	3.0	1	04/01/21 16:46	04/01/21 21:32	108-86-1	
Bromochloromethane	ND	ug/kg	9.3	2.8	1	04/01/21 16:46	04/01/21 21:32	74-97-5	
Bromodichloromethane	ND	ug/kg	9.3	3.6	1	04/01/21 16:46	04/01/21 21:32	75-27-4	
Bromoform	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	75-25-2	
Bromomethane	ND	ug/kg	18.6	14.7	1	04/01/21 16:46	04/01/21 21:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	186	44.6	1	04/01/21 16:46	04/01/21 21:32	78-93-3	
n-Butylbenzene	ND	ug/kg	9.3	4.4	1	04/01/21 16:46	04/01/21 21:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.3	4.1	1	04/01/21 16:46	04/01/21 21:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.3	3.5	1	04/01/21 16:46	04/01/21 21:32	56-23-5	
Chlorobenzene	ND	ug/kg	9.3	1.8	1	04/01/21 16:46	04/01/21 21:32	108-90-7	
Chloroethane	ND	ug/kg	18.6	7.2	1	04/01/21 16:46	04/01/21 21:32	75-00-3	
Chloroform	ND	ug/kg	9.3	5.7	1	04/01/21 16:46	04/01/21 21:32	67-66-3	
Chloromethane	ND	ug/kg	18.6	7.8	1	04/01/21 16:46	04/01/21 21:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.3	1.6	1	04/01/21 16:46	04/01/21 21:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.3	3.6	1	04/01/21 16:46	04/01/21 21:32	96-12-8	
Dibromochloromethane	ND	ug/kg	9.3	5.2	1	04/01/21 16:46	04/01/21 21:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.3	4.1	1	04/01/21 16:46	04/01/21 21:32	106-93-4	
Dibromomethane	ND	ug/kg	9.3	2.0	1	04/01/21 16:46	04/01/21 21:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.3	2.9	1	04/01/21 16:46	04/01/21 21:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.3	2.4	1	04/01/21 16:46	04/01/21 21:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.6	4.0	1	04/01/21 16:46	04/01/21 21:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.3	3.8	1	04/01/21 16:46	04/01/21 21:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.3	6.2	1	04/01/21 16:46	04/01/21 21:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.3	3.8	1	04/01/21 16:46	04/01/21 21:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.3	3.2	1	04/01/21 16:46	04/01/21 21:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.3	2.8	1	04/01/21 16:46	04/01/21 21:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.3	2.9	1	04/01/21 16:46	04/01/21 21:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.3	3.0	1	04/01/21 16:46	04/01/21 21:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.3	4.5	1	04/01/21 16:46	04/01/21 21:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.3	2.5	1	04/01/21 16:46	04/01/21 21:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.3	3.2	1	04/01/21 16:46	04/01/21 21:32	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11A_SE_2-2.5_20210330 **Lab ID:** 92530693010 **Collected:** 03/30/21 14:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	9.3	2.5	1	04/01/21 16:46	04/01/21 21:32	108-20-3	
Ethylbenzene	ND	ug/kg	9.3	4.3	1	04/01/21 16:46	04/01/21 21:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.6	15.2	1	04/01/21 16:46	04/01/21 21:32	87-68-3	
2-Hexanone	ND	ug/kg	93.0	9.0	1	04/01/21 16:46	04/01/21 21:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.3	3.2	1	04/01/21 16:46	04/01/21 21:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.3	4.6	1	04/01/21 16:46	04/01/21 21:32	99-87-6	
Methylene Chloride	ND	ug/kg	37.2	25.5	1	04/01/21 16:46	04/01/21 21:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.0	9.0	1	04/01/21 16:46	04/01/21 21:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.3	3.5	1	04/01/21 16:46	04/01/21 21:32	1634-04-4	
Naphthalene	5.7J	ug/kg	9.3	4.9	1	04/01/21 16:46	04/01/21 21:32	91-20-3	
n-Propylbenzene	ND	ug/kg	9.3	3.3	1	04/01/21 16:46	04/01/21 21:32	103-65-1	
Styrene	ND	ug/kg	9.3	2.5	1	04/01/21 16:46	04/01/21 21:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.3	3.6	1	04/01/21 16:46	04/01/21 21:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.3	2.5	1	04/01/21 16:46	04/01/21 21:32	79-34-5	
Tetrachloroethene	ND	ug/kg	9.3	2.9	1	04/01/21 16:46	04/01/21 21:32	127-18-4	
Toluene	ND	ug/kg	9.3	2.6	1	04/01/21 16:46	04/01/21 21:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.3	7.5	1	04/01/21 16:46	04/01/21 21:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.3	7.8	1	04/01/21 16:46	04/01/21 21:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.3	4.8	1	04/01/21 16:46	04/01/21 21:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.3	3.1	1	04/01/21 16:46	04/01/21 21:32	79-00-5	
Trichloroethene	ND	ug/kg	9.3	2.4	1	04/01/21 16:46	04/01/21 21:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.3	5.1	1	04/01/21 16:46	04/01/21 21:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.3	4.7	1	04/01/21 16:46	04/01/21 21:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.3	2.5	1	04/01/21 16:46	04/01/21 21:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.3	3.1	1	04/01/21 16:46	04/01/21 21:32	108-67-8	
Vinyl acetate	ND	ug/kg	93.0	6.8	1	04/01/21 16:46	04/01/21 21:32	108-05-4	L1
Vinyl chloride	ND	ug/kg	18.6	4.7	1	04/01/21 16:46	04/01/21 21:32	75-01-4	
Xylene (Total)	ND	ug/kg	18.6	5.3	1	04/01/21 16:46	04/01/21 21:32	1330-20-7	
m&p-Xylene	ND	ug/kg	18.6	6.4	1	04/01/21 16:46	04/01/21 21:32	179601-23-1	
o-Xylene	ND	ug/kg	9.3	4.1	1	04/01/21 16:46	04/01/21 21:32	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 21:32	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	04/01/21 16:46	04/01/21 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/01/21 16:46	04/01/21 21:32	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	32.6	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_0-0.6_20210330 **Lab ID:** 92530693011 Collected: 03/30/21 11:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	54.1	19.8	1	04/05/21 15:59	04/06/21 12:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	54.1	20.9	1	04/05/21 15:59	04/06/21 12:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	54.1	19.0	1	04/05/21 15:59	04/06/21 12:47	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	54.1	10.2	1	04/05/21 15:59	04/06/21 12:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	54.1	13.5	1	04/05/21 15:59	04/06/21 12:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	54.1	10.2	1	04/05/21 15:59	04/06/21 12:47	11097-69-1	
PCB-1260 (Aroclor 1260)	67.2	ug/kg	54.1	12.9	1	04/05/21 15:59	04/06/21 12:47	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-160		1	04/05/21 15:59	04/06/21 12:47	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	233	ug/kg	16.2	1.7	1	04/05/21 12:02	04/06/21 14:06	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	04/05/21 12:02	04/06/21 14:06	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	04/05/21 12:02	04/06/21 14:06	4165-60-0	
Terphenyl-d14 (S)	120	%	24-130		1	04/05/21 12:02	04/06/21 14:06	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	531	186	1	04/05/21 15:57	04/06/21 14:56	83-32-9	
Acenaphthylene	ND	ug/kg	531	186	1	04/05/21 15:57	04/06/21 14:56	208-96-8	
Aniline	ND	ug/kg	531	207	1	04/05/21 15:57	04/06/21 14:56	62-53-3	
Anthracene	ND	ug/kg	531	174	1	04/05/21 15:57	04/06/21 14:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	531	177	1	04/05/21 15:57	04/06/21 14:56	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	531	177	1	04/05/21 15:57	04/06/21 14:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	531	206	1	04/05/21 15:57	04/06/21 14:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	531	186	1	04/05/21 15:57	04/06/21 14:56	207-08-9	
Benzoic Acid	ND	ug/kg	2650	1140	1	04/05/21 15:57	04/06/21 14:56	65-85-0	
Benzyl alcohol	ND	ug/kg	1060	402	1	04/05/21 15:57	04/06/21 14:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	531	204	1	04/05/21 15:57	04/06/21 14:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	531	223	1	04/05/21 15:57	04/06/21 14:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1060	373	1	04/05/21 15:57	04/06/21 14:56	59-50-7	
4-Chloroaniline	ND	ug/kg	1060	416	1	04/05/21 15:57	04/06/21 14:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	531	220	1	04/05/21 15:57	04/06/21 14:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	531	199	1	04/05/21 15:57	04/06/21 14:56	111-44-4	
2-Chloronaphthalene	ND	ug/kg	531	211	1	04/05/21 15:57	04/06/21 14:56	91-58-7	
2-Chlorophenol	ND	ug/kg	531	199	1	04/05/21 15:57	04/06/21 14:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	531	198	1	04/05/21 15:57	04/06/21 14:56	7005-72-3	
Chrysene	ND	ug/kg	531	193	1	04/05/21 15:57	04/06/21 14:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	531	204	1	04/05/21 15:57	04/06/21 14:56	53-70-3	
Dibenzofuran	ND	ug/kg	531	191	1	04/05/21 15:57	04/06/21 14:56	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1060	359	1	04/05/21 15:57	04/06/21 14:56	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_0-0.6_20210330 **Lab ID: 92530693011** Collected: 03/30/21 11:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	531	207	1	04/05/21 15:57	04/06/21 14:56	120-83-2	
Diethylphthalate	ND	ug/kg	531	195	1	04/05/21 15:57	04/06/21 14:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	531	220	1	04/05/21 15:57	04/06/21 14:56	105-67-9	
Dimethylphthalate	ND	ug/kg	531	193	1	04/05/21 15:57	04/06/21 14:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	531	178	1	04/05/21 15:57	04/06/21 14:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1060	495	1	04/05/21 15:57	04/06/21 14:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2650	1640	1	04/05/21 15:57	04/06/21 14:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	531	204	1	04/05/21 15:57	04/06/21 14:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	531	195	1	04/05/21 15:57	04/06/21 14:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	531	209	1	04/05/21 15:57	04/06/21 14:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	531	206	1	04/05/21 15:57	04/06/21 14:56	117-81-7	
Fluoranthene	ND	ug/kg	531	182	1	04/05/21 15:57	04/06/21 14:56	206-44-0	
Fluorene	ND	ug/kg	531	186	1	04/05/21 15:57	04/06/21 14:56	86-73-7	
Hexachlorobenzene	ND	ug/kg	531	207	1	04/05/21 15:57	04/06/21 14:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	531	304	1	04/05/21 15:57	04/06/21 14:56	77-47-4	
Hexachloroethane	ND	ug/kg	531	203	1	04/05/21 15:57	04/06/21 14:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	531	209	1	04/05/21 15:57	04/06/21 14:56	193-39-5	
Isophorone	ND	ug/kg	531	236	1	04/05/21 15:57	04/06/21 14:56	78-59-1	
1-Methylnaphthalene	ND	ug/kg	531	186	1	04/05/21 15:57	04/06/21 14:56	90-12-0	
2-Methylnaphthalene	ND	ug/kg	531	212	1	04/05/21 15:57	04/06/21 14:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	531	217	1	04/05/21 15:57	04/06/21 14:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	531	214	1	04/05/21 15:57	04/06/21 14:56	15831-10-4	
2-Nitroaniline	ND	ug/kg	2650	434	1	04/05/21 15:57	04/06/21 14:56	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2650	416	1	04/05/21 15:57	04/06/21 14:56	99-09-2	
4-Nitroaniline	ND	ug/kg	1060	404	1	04/05/21 15:57	04/06/21 14:56	100-01-6	
Nitrobenzene	ND	ug/kg	531	246	1	04/05/21 15:57	04/06/21 14:56	98-95-3	v1
2-Nitrophenol	ND	ug/kg	531	230	1	04/05/21 15:57	04/06/21 14:56	88-75-5	
4-Nitrophenol	ND	ug/kg	2650	1030	1	04/05/21 15:57	04/06/21 14:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	531	178	1	04/05/21 15:57	04/06/21 14:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	531	199	1	04/05/21 15:57	04/06/21 14:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	531	188	1	04/05/21 15:57	04/06/21 14:56	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	531	252	1	04/05/21 15:57	04/06/21 14:56	108-60-1	
Pentachlorophenol	ND	ug/kg	1060	519	1	04/05/21 15:57	04/06/21 14:56	87-86-5	
Phenanthrene	ND	ug/kg	531	174	1	04/05/21 15:57	04/06/21 14:56	85-01-8	
Phenol	ND	ug/kg	531	236	1	04/05/21 15:57	04/06/21 14:56	108-95-2	
Pyrene	ND	ug/kg	531	215	1	04/05/21 15:57	04/06/21 14:56	129-00-0	
Pyridine	ND	ug/kg	531	167	1	04/05/21 15:57	04/06/21 14:56	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	531	243	1	04/05/21 15:57	04/06/21 14:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	531	219	1	04/05/21 15:57	04/06/21 14:56	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	21-130		1	04/05/21 15:57	04/06/21 14:56	4165-60-0	
2-Fluorobiphenyl (S)	68	%	19-130		1	04/05/21 15:57	04/06/21 14:56	321-60-8	
Terphenyl-d14 (S)	88	%	15-130		1	04/05/21 15:57	04/06/21 14:56	1718-51-0	
Phenol-d6 (S)	67	%	18-130		1	04/05/21 15:57	04/06/21 14:56	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_0-0.6_20210330 **Lab ID:** 92530693011 Collected: 03/30/21 11:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	67	%	18-130		1	04/05/21 15:57	04/06/21 14:56	367-12-4	
2,4,6-Tribromophenol (S)	72	%	18-130		1	04/05/21 15:57	04/06/21 14:56	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	73.1J	ug/kg	223	71.6	1	04/01/21 16:46	04/01/21 21:50	67-64-1	
Benzene	ND	ug/kg	11.2	4.4	1	04/01/21 16:46	04/01/21 21:50	71-43-2	
Bromobenzene	ND	ug/kg	11.2	3.6	1	04/01/21 16:46	04/01/21 21:50	108-86-1	
Bromochloromethane	ND	ug/kg	11.2	3.3	1	04/01/21 16:46	04/01/21 21:50	74-97-5	
Bromodichloromethane	ND	ug/kg	11.2	4.3	1	04/01/21 16:46	04/01/21 21:50	75-27-4	
Bromoform	ND	ug/kg	11.2	3.9	1	04/01/21 16:46	04/01/21 21:50	75-25-2	
Bromomethane	ND	ug/kg	22.3	17.6	1	04/01/21 16:46	04/01/21 21:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	223	53.5	1	04/01/21 16:46	04/01/21 21:50	78-93-3	
n-Butylbenzene	ND	ug/kg	11.2	5.3	1	04/01/21 16:46	04/01/21 21:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.2	4.9	1	04/01/21 16:46	04/01/21 21:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.2	4.0	1	04/01/21 16:46	04/01/21 21:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.2	4.2	1	04/01/21 16:46	04/01/21 21:50	56-23-5	
Chlorobenzene	ND	ug/kg	11.2	2.1	1	04/01/21 16:46	04/01/21 21:50	108-90-7	
Chloroethane	ND	ug/kg	22.3	8.6	1	04/01/21 16:46	04/01/21 21:50	75-00-3	
Chloroform	ND	ug/kg	11.2	6.8	1	04/01/21 16:46	04/01/21 21:50	67-66-3	
Chloromethane	ND	ug/kg	22.3	9.4	1	04/01/21 16:46	04/01/21 21:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.2	3.9	1	04/01/21 16:46	04/01/21 21:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.2	2.0	1	04/01/21 16:46	04/01/21 21:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	4.3	1	04/01/21 16:46	04/01/21 21:50	96-12-8	
Dibromochloromethane	ND	ug/kg	11.2	6.3	1	04/01/21 16:46	04/01/21 21:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.2	4.9	1	04/01/21 16:46	04/01/21 21:50	106-93-4	
Dibromomethane	ND	ug/kg	11.2	2.4	1	04/01/21 16:46	04/01/21 21:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.2	4.0	1	04/01/21 16:46	04/01/21 21:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.2	3.5	1	04/01/21 16:46	04/01/21 21:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.2	2.9	1	04/01/21 16:46	04/01/21 21:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.3	4.8	1	04/01/21 16:46	04/01/21 21:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.2	4.6	1	04/01/21 16:46	04/01/21 21:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.2	7.4	1	04/01/21 16:46	04/01/21 21:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.2	4.6	1	04/01/21 16:46	04/01/21 21:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.2	3.8	1	04/01/21 16:46	04/01/21 21:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.2	3.9	1	04/01/21 16:46	04/01/21 21:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.2	3.3	1	04/01/21 16:46	04/01/21 21:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.2	3.5	1	04/01/21 16:46	04/01/21 21:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.2	3.6	1	04/01/21 16:46	04/01/21 21:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.2	5.4	1	04/01/21 16:46	04/01/21 21:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.2	3.0	1	04/01/21 16:46	04/01/21 21:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.2	3.8	1	04/01/21 16:46	04/01/21 21:50	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_0-0.6_20210330 **Lab ID:** 92530693011 **Collected:** 03/30/21 11:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	11.2	3.0	1	04/01/21 16:46	04/01/21 21:50	108-20-3	
Ethylbenzene	9.0J	ug/kg	11.2	5.2	1	04/01/21 16:46	04/01/21 21:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	22.3	18.2	1	04/01/21 16:46	04/01/21 21:50	87-68-3	
2-Hexanone	ND	ug/kg	112	10.8	1	04/01/21 16:46	04/01/21 21:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.2	3.8	1	04/01/21 16:46	04/01/21 21:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.2	5.5	1	04/01/21 16:46	04/01/21 21:50	99-87-6	
Methylene Chloride	ND	ug/kg	44.6	30.6	1	04/01/21 16:46	04/01/21 21:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	112	10.8	1	04/01/21 16:46	04/01/21 21:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.2	4.2	1	04/01/21 16:46	04/01/21 21:50	1634-04-4	
Naphthalene	71.2	ug/kg	11.2	5.9	1	04/01/21 16:46	04/01/21 21:50	91-20-3	
n-Propylbenzene	ND	ug/kg	11.2	4.0	1	04/01/21 16:46	04/01/21 21:50	103-65-1	
Styrene	ND	ug/kg	11.2	2.9	1	04/01/21 16:46	04/01/21 21:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.2	4.3	1	04/01/21 16:46	04/01/21 21:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.2	2.9	1	04/01/21 16:46	04/01/21 21:50	79-34-5	
Tetrachloroethene	ND	ug/kg	11.2	3.5	1	04/01/21 16:46	04/01/21 21:50	127-18-4	
Toluene	19.3	ug/kg	11.2	3.2	1	04/01/21 16:46	04/01/21 21:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.2	9.0	1	04/01/21 16:46	04/01/21 21:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.2	9.4	1	04/01/21 16:46	04/01/21 21:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.2	5.8	1	04/01/21 16:46	04/01/21 21:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.2	3.7	1	04/01/21 16:46	04/01/21 21:50	79-00-5	
Trichloroethene	ND	ug/kg	11.2	2.9	1	04/01/21 16:46	04/01/21 21:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.2	6.1	1	04/01/21 16:46	04/01/21 21:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.2	5.6	1	04/01/21 16:46	04/01/21 21:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.2	3.1	1	04/01/21 16:46	04/01/21 21:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.2	3.7	1	04/01/21 16:46	04/01/21 21:50	108-67-8	
Vinyl acetate	ND	ug/kg	112	8.1	1	04/01/21 16:46	04/01/21 21:50	108-05-4	L1
Vinyl chloride	ND	ug/kg	22.3	5.7	1	04/01/21 16:46	04/01/21 21:50	75-01-4	
Xylene (Total)	18.7J	ug/kg	22.3	6.4	1	04/01/21 16:46	04/01/21 21:50	1330-20-7	
m&p-Xylene	18.7J	ug/kg	22.3	7.6	1	04/01/21 16:46	04/01/21 21:50	179601-23-1	
o-Xylene	ND	ug/kg	11.2	4.9	1	04/01/21 16:46	04/01/21 21:50	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 21:50	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/01/21 16:46	04/01/21 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 21:50	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	38.6	%	0.10	0.10	1		04/01/21 13:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_2-2.5_20210330 **Lab ID:** 92530693012 Collected: 03/30/21 14:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	46.5	17.0	1	04/05/21 15:59	04/06/21 13:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	46.5	18.0	1	04/05/21 15:59	04/06/21 13:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	46.5	16.3	1	04/05/21 15:59	04/06/21 13:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	46.5	8.8	1	04/05/21 15:59	04/06/21 13:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	46.5	11.6	1	04/05/21 15:59	04/06/21 13:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	46.5	8.8	1	04/05/21 15:59	04/06/21 13:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	46.5	11.1	1	04/05/21 15:59	04/06/21 13:01	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	81	%	10-160		1	04/05/21 15:59	04/06/21 13:01	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	14.3	1.5	1	04/05/21 12:02	04/06/21 14:26	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	96	%	31-130		1	04/05/21 12:02	04/06/21 14:26	321-60-8	
Nitrobenzene-d5 (S)	116	%	32-130		1	04/05/21 12:02	04/06/21 14:26	4165-60-0	
Terphenyl-d14 (S)	118	%	24-130		1	04/05/21 12:02	04/06/21 14:26	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	470	165	1	04/05/21 15:57	04/06/21 15:23	83-32-9	
Acenaphthylene	ND	ug/kg	470	165	1	04/05/21 15:57	04/06/21 15:23	208-96-8	
Aniline	ND	ug/kg	470	184	1	04/05/21 15:57	04/06/21 15:23	62-53-3	
Anthracene	ND	ug/kg	470	154	1	04/05/21 15:57	04/06/21 15:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	470	157	1	04/05/21 15:57	04/06/21 15:23	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	470	157	1	04/05/21 15:57	04/06/21 15:23	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	470	182	1	04/05/21 15:57	04/06/21 15:23	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	470	165	1	04/05/21 15:57	04/06/21 15:23	207-08-9	
Benzoic Acid	ND	ug/kg	2350	1010	1	04/05/21 15:57	04/06/21 15:23	65-85-0	
Benzyl alcohol	ND	ug/kg	940	356	1	04/05/21 15:57	04/06/21 15:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	470	181	1	04/05/21 15:57	04/06/21 15:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	470	198	1	04/05/21 15:57	04/06/21 15:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	940	330	1	04/05/21 15:57	04/06/21 15:23	59-50-7	
4-Chloroaniline	ND	ug/kg	940	369	1	04/05/21 15:57	04/06/21 15:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	470	195	1	04/05/21 15:57	04/06/21 15:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	470	177	1	04/05/21 15:57	04/06/21 15:23	111-44-4	
2-Chloronaphthalene	ND	ug/kg	470	187	1	04/05/21 15:57	04/06/21 15:23	91-58-7	
2-Chlorophenol	ND	ug/kg	470	177	1	04/05/21 15:57	04/06/21 15:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	470	175	1	04/05/21 15:57	04/06/21 15:23	7005-72-3	
Chrysene	ND	ug/kg	470	171	1	04/05/21 15:57	04/06/21 15:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	470	181	1	04/05/21 15:57	04/06/21 15:23	53-70-3	
Dibenzofuran	ND	ug/kg	470	169	1	04/05/21 15:57	04/06/21 15:23	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	940	318	1	04/05/21 15:57	04/06/21 15:23	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_2-2.5_20210330 Lab ID: 92530693012 Collected: 03/30/21 14:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	470	184	1	04/05/21 15:57	04/06/21 15:23	120-83-2	
Diethylphthalate	ND	ug/kg	470	172	1	04/05/21 15:57	04/06/21 15:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	470	195	1	04/05/21 15:57	04/06/21 15:23	105-67-9	
Dimethylphthalate	ND	ug/kg	470	171	1	04/05/21 15:57	04/06/21 15:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	470	158	1	04/05/21 15:57	04/06/21 15:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	940	439	1	04/05/21 15:57	04/06/21 15:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2350	1450	1	04/05/21 15:57	04/06/21 15:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	470	181	1	04/05/21 15:57	04/06/21 15:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	470	172	1	04/05/21 15:57	04/06/21 15:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	470	185	1	04/05/21 15:57	04/06/21 15:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	470	182	1	04/05/21 15:57	04/06/21 15:23	117-81-7	
Fluoranthene	ND	ug/kg	470	161	1	04/05/21 15:57	04/06/21 15:23	206-44-0	
Fluorene	ND	ug/kg	470	165	1	04/05/21 15:57	04/06/21 15:23	86-73-7	
Hexachlorobenzene	ND	ug/kg	470	184	1	04/05/21 15:57	04/06/21 15:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	470	269	1	04/05/21 15:57	04/06/21 15:23	77-47-4	
Hexachloroethane	ND	ug/kg	470	179	1	04/05/21 15:57	04/06/21 15:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	470	185	1	04/05/21 15:57	04/06/21 15:23	193-39-5	
Isophorone	ND	ug/kg	470	209	1	04/05/21 15:57	04/06/21 15:23	78-59-1	
1-Methylnaphthalene	ND	ug/kg	470	165	1	04/05/21 15:57	04/06/21 15:23	90-12-0	
2-Methylnaphthalene	ND	ug/kg	470	188	1	04/05/21 15:57	04/06/21 15:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	470	192	1	04/05/21 15:57	04/06/21 15:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	470	189	1	04/05/21 15:57	04/06/21 15:23	15831-10-4	
2-Nitroaniline	ND	ug/kg	2350	385	1	04/05/21 15:57	04/06/21 15:23	88-74-4	IL
3-Nitroaniline	ND	ug/kg	2350	369	1	04/05/21 15:57	04/06/21 15:23	99-09-2	
4-Nitroaniline	ND	ug/kg	940	357	1	04/05/21 15:57	04/06/21 15:23	100-01-6	
Nitrobenzene	ND	ug/kg	470	218	1	04/05/21 15:57	04/06/21 15:23	98-95-3	v1
2-Nitrophenol	ND	ug/kg	470	204	1	04/05/21 15:57	04/06/21 15:23	88-75-5	
4-Nitrophenol	ND	ug/kg	2350	909	1	04/05/21 15:57	04/06/21 15:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	470	158	1	04/05/21 15:57	04/06/21 15:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	470	177	1	04/05/21 15:57	04/06/21 15:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	470	167	1	04/05/21 15:57	04/06/21 15:23	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	470	224	1	04/05/21 15:57	04/06/21 15:23	108-60-1	
Pentachlorophenol	ND	ug/kg	940	460	1	04/05/21 15:57	04/06/21 15:23	87-86-5	
Phenanthrene	ND	ug/kg	470	154	1	04/05/21 15:57	04/06/21 15:23	85-01-8	
Phenol	ND	ug/kg	470	209	1	04/05/21 15:57	04/06/21 15:23	108-95-2	
Pyrene	ND	ug/kg	470	191	1	04/05/21 15:57	04/06/21 15:23	129-00-0	
Pyridine	ND	ug/kg	470	148	1	04/05/21 15:57	04/06/21 15:23	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	470	215	1	04/05/21 15:57	04/06/21 15:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	470	194	1	04/05/21 15:57	04/06/21 15:23	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	51	%	21-130		1	04/05/21 15:57	04/06/21 15:23	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	04/05/21 15:57	04/06/21 15:23	321-60-8	
Terphenyl-d14 (S)	63	%	15-130		1	04/05/21 15:57	04/06/21 15:23	1718-51-0	
Phenol-d6 (S)	39	%	18-130		1	04/05/21 15:57	04/06/21 15:23	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_2-2.5_20210330 **Lab ID:** 92530693012 Collected: 03/30/21 14:00 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	41	%	18-130		1	04/05/21 15:57	04/06/21 15:23	367-12-4	
2,4,6-Tribromophenol (S)	46	%	18-130		1	04/05/21 15:57	04/06/21 15:23	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	163	52.2	1	04/01/21 16:46	04/01/21 22:08	67-64-1	
Benzene	ND	ug/kg	8.1	3.2	1	04/01/21 16:46	04/01/21 22:08	71-43-2	
Bromobenzene	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:08	108-86-1	
Bromochloromethane	ND	ug/kg	8.1	2.4	1	04/01/21 16:46	04/01/21 22:08	74-97-5	
Bromodichloromethane	ND	ug/kg	8.1	3.1	1	04/01/21 16:46	04/01/21 22:08	75-27-4	
Bromoform	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:08	75-25-2	
Bromomethane	ND	ug/kg	16.3	12.8	1	04/01/21 16:46	04/01/21 22:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	163	39.0	1	04/01/21 16:46	04/01/21 22:08	78-93-3	
n-Butylbenzene	ND	ug/kg	8.1	3.8	1	04/01/21 16:46	04/01/21 22:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:08	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.1	3.0	1	04/01/21 16:46	04/01/21 22:08	56-23-5	
Chlorobenzene	ND	ug/kg	8.1	1.6	1	04/01/21 16:46	04/01/21 22:08	108-90-7	
Chloroethane	ND	ug/kg	16.3	6.3	1	04/01/21 16:46	04/01/21 22:08	75-00-3	
Chloroform	ND	ug/kg	8.1	4.9	1	04/01/21 16:46	04/01/21 22:08	67-66-3	
Chloromethane	ND	ug/kg	16.3	6.8	1	04/01/21 16:46	04/01/21 22:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.1	1.4	1	04/01/21 16:46	04/01/21 22:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	3.2	1	04/01/21 16:46	04/01/21 22:08	96-12-8	
Dibromochloromethane	ND	ug/kg	8.1	4.6	1	04/01/21 16:46	04/01/21 22:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:08	106-93-4	
Dibromomethane	ND	ug/kg	8.1	1.7	1	04/01/21 16:46	04/01/21 22:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.1	2.5	1	04/01/21 16:46	04/01/21 22:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.3	3.5	1	04/01/21 16:46	04/01/21 22:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.1	3.3	1	04/01/21 16:46	04/01/21 22:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.1	5.4	1	04/01/21 16:46	04/01/21 22:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.1	3.3	1	04/01/21 16:46	04/01/21 22:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.1	2.4	1	04/01/21 16:46	04/01/21 22:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.1	2.5	1	04/01/21 16:46	04/01/21 22:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.1	3.9	1	04/01/21 16:46	04/01/21 22:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:08	10061-02-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-11B_SE_2-2.5_20210330 **Lab ID:** 92530693012 **Collected:** 03/30/21 14:00 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:08	108-20-3	
Ethylbenzene	ND	ug/kg	8.1	3.8	1	04/01/21 16:46	04/01/21 22:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.3	13.3	1	04/01/21 16:46	04/01/21 22:08	87-68-3	
2-Hexanone	ND	ug/kg	81.3	7.8	1	04/01/21 16:46	04/01/21 22:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.1	4.0	1	04/01/21 16:46	04/01/21 22:08	99-87-6	
Methylene Chloride	ND	ug/kg	32.5	22.3	1	04/01/21 16:46	04/01/21 22:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	81.3	7.8	1	04/01/21 16:46	04/01/21 22:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.1	3.0	1	04/01/21 16:46	04/01/21 22:08	1634-04-4	
Naphthalene	ND	ug/kg	8.1	4.3	1	04/01/21 16:46	04/01/21 22:08	91-20-3	
n-Propylbenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:08	103-65-1	
Styrene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.1	3.1	1	04/01/21 16:46	04/01/21 22:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:08	79-34-5	
Tetrachloroethene	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:08	127-18-4	
Toluene	ND	ug/kg	8.1	2.3	1	04/01/21 16:46	04/01/21 22:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.1	6.6	1	04/01/21 16:46	04/01/21 22:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.1	6.8	1	04/01/21 16:46	04/01/21 22:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.1	4.2	1	04/01/21 16:46	04/01/21 22:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.1	2.7	1	04/01/21 16:46	04/01/21 22:08	79-00-5	
Trichloroethene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.1	4.5	1	04/01/21 16:46	04/01/21 22:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.1	4.1	1	04/01/21 16:46	04/01/21 22:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.1	2.7	1	04/01/21 16:46	04/01/21 22:08	108-67-8	
Vinyl acetate	ND	ug/kg	81.3	5.9	1	04/01/21 16:46	04/01/21 22:08	108-05-4	L1
Vinyl chloride	ND	ug/kg	16.3	4.1	1	04/01/21 16:46	04/01/21 22:08	75-01-4	
Xylene (Total)	ND	ug/kg	16.3	4.6	1	04/01/21 16:46	04/01/21 22:08	1330-20-7	
m&p-Xylene	ND	ug/kg	16.3	5.6	1	04/01/21 16:46	04/01/21 22:08	179601-23-1	
o-Xylene	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:08	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 22:08	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 22:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 22:08	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	29.8	%	0.10	0.10	1		04/01/21 13:42		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_0-0.6_20210330 **Lab ID:** 92530693013 Collected: 03/30/21 15:15 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	67.9	24.9	1	04/05/21 15:59	04/06/21 13:29	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	67.9	26.2	1	04/05/21 15:59	04/06/21 13:29	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	67.9	23.8	1	04/05/21 15:59	04/06/21 13:29	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	67.9	12.8	1	04/05/21 15:59	04/06/21 13:29	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	67.9	17.0	1	04/05/21 15:59	04/06/21 13:29	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	67.9	12.8	1	04/05/21 15:59	04/06/21 13:29	11097-69-1	
PCB-1260 (Aroclor 1260)	119	ug/kg	67.9	16.2	1	04/05/21 15:59	04/06/21 13:29	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	71	%	10-160		1	04/05/21 15:59	04/06/21 13:29	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	80.0	ug/kg	20.9	2.2	1	04/05/21 12:02	04/06/21 14:46	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	04/05/21 12:02	04/06/21 14:46	321-60-8	
Nitrobenzene-d5 (S)	110	%	32-130		1	04/05/21 12:02	04/06/21 14:46	4165-60-0	
Terphenyl-d14 (S)	122	%	24-130		1	04/05/21 12:02	04/06/21 14:46	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	698	245	1	04/05/21 15:57	04/06/21 15:50	83-32-9	
Acenaphthylene	ND	ug/kg	698	245	1	04/05/21 15:57	04/06/21 15:50	208-96-8	
Aniline	ND	ug/kg	698	273	1	04/05/21 15:57	04/06/21 15:50	62-53-3	
Anthracene	ND	ug/kg	698	228	1	04/05/21 15:57	04/06/21 15:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	698	233	1	04/05/21 15:57	04/06/21 15:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	698	233	1	04/05/21 15:57	04/06/21 15:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	698	271	1	04/05/21 15:57	04/06/21 15:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	698	245	1	04/05/21 15:57	04/06/21 15:50	207-08-9	
Benzoic Acid	ND	ug/kg	3490	1500	1	04/05/21 15:57	04/06/21 15:50	65-85-0	
Benzyl alcohol	ND	ug/kg	1400	529	1	04/05/21 15:57	04/06/21 15:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	698	268	1	04/05/21 15:57	04/06/21 15:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	698	294	1	04/05/21 15:57	04/06/21 15:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1400	490	1	04/05/21 15:57	04/06/21 15:50	59-50-7	
4-Chloroaniline	ND	ug/kg	1400	548	1	04/05/21 15:57	04/06/21 15:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	698	290	1	04/05/21 15:57	04/06/21 15:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	698	262	1	04/05/21 15:57	04/06/21 15:50	111-44-4	
2-Chloronaphthalene	ND	ug/kg	698	277	1	04/05/21 15:57	04/06/21 15:50	91-58-7	
2-Chlorophenol	ND	ug/kg	698	262	1	04/05/21 15:57	04/06/21 15:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	698	260	1	04/05/21 15:57	04/06/21 15:50	7005-72-3	
Chrysene	ND	ug/kg	698	254	1	04/05/21 15:57	04/06/21 15:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	698	268	1	04/05/21 15:57	04/06/21 15:50	53-70-3	
Dibenzofuran	ND	ug/kg	698	252	1	04/05/21 15:57	04/06/21 15:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1400	471	1	04/05/21 15:57	04/06/21 15:50	91-94-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_0-0.6_20210330 Lab ID: 92530693013 Collected: 03/30/21 15:15 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	698	273	1	04/05/21 15:57	04/06/21 15:50	120-83-2	
Diethylphthalate	ND	ug/kg	698	256	1	04/05/21 15:57	04/06/21 15:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	698	290	1	04/05/21 15:57	04/06/21 15:50	105-67-9	
Dimethylphthalate	ND	ug/kg	698	254	1	04/05/21 15:57	04/06/21 15:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	698	235	1	04/05/21 15:57	04/06/21 15:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1400	651	1	04/05/21 15:57	04/06/21 15:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3490	2160	1	04/05/21 15:57	04/06/21 15:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	698	268	1	04/05/21 15:57	04/06/21 15:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	698	256	1	04/05/21 15:57	04/06/21 15:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	698	275	1	04/05/21 15:57	04/06/21 15:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	698	271	1	04/05/21 15:57	04/06/21 15:50	117-81-7	
Fluoranthene	ND	ug/kg	698	239	1	04/05/21 15:57	04/06/21 15:50	206-44-0	
Fluorene	ND	ug/kg	698	245	1	04/05/21 15:57	04/06/21 15:50	86-73-7	
Hexachlorobenzene	ND	ug/kg	698	273	1	04/05/21 15:57	04/06/21 15:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	698	400	1	04/05/21 15:57	04/06/21 15:50	77-47-4	
Hexachloroethane	ND	ug/kg	698	266	1	04/05/21 15:57	04/06/21 15:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	698	275	1	04/05/21 15:57	04/06/21 15:50	193-39-5	
Isophorone	ND	ug/kg	698	311	1	04/05/21 15:57	04/06/21 15:50	78-59-1	
1-Methylnaphthalene	ND	ug/kg	698	245	1	04/05/21 15:57	04/06/21 15:50	90-12-0	
2-Methylnaphthalene	ND	ug/kg	698	279	1	04/05/21 15:57	04/06/21 15:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	698	285	1	04/05/21 15:57	04/06/21 15:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	698	281	1	04/05/21 15:57	04/06/21 15:50	15831-10-4	
2-Nitroaniline	ND	ug/kg	3490	571	1	04/05/21 15:57	04/06/21 15:50	88-74-4	IL
3-Nitroaniline	ND	ug/kg	3490	548	1	04/05/21 15:57	04/06/21 15:50	99-09-2	
4-Nitroaniline	ND	ug/kg	1400	531	1	04/05/21 15:57	04/06/21 15:50	100-01-6	
Nitrobenzene	ND	ug/kg	698	323	1	04/05/21 15:57	04/06/21 15:50	98-95-3	v1
2-Nitrophenol	ND	ug/kg	698	302	1	04/05/21 15:57	04/06/21 15:50	88-75-5	
4-Nitrophenol	ND	ug/kg	3490	1350	1	04/05/21 15:57	04/06/21 15:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	698	235	1	04/05/21 15:57	04/06/21 15:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	698	262	1	04/05/21 15:57	04/06/21 15:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	698	247	1	04/05/21 15:57	04/06/21 15:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	698	332	1	04/05/21 15:57	04/06/21 15:50	108-60-1	
Pentachlorophenol	ND	ug/kg	1400	683	1	04/05/21 15:57	04/06/21 15:50	87-86-5	
Phenanthrene	ND	ug/kg	698	228	1	04/05/21 15:57	04/06/21 15:50	85-01-8	
Phenol	ND	ug/kg	698	311	1	04/05/21 15:57	04/06/21 15:50	108-95-2	
Pyrene	ND	ug/kg	698	283	1	04/05/21 15:57	04/06/21 15:50	129-00-0	
Pyridine	ND	ug/kg	698	220	1	04/05/21 15:57	04/06/21 15:50	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	698	319	1	04/05/21 15:57	04/06/21 15:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	698	288	1	04/05/21 15:57	04/06/21 15:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	79	%	21-130		1	04/05/21 15:57	04/06/21 15:50	4165-60-0	
2-Fluorobiphenyl (S)	64	%	19-130		1	04/05/21 15:57	04/06/21 15:50	321-60-8	
Terphenyl-d14 (S)	82	%	15-130		1	04/05/21 15:57	04/06/21 15:50	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/05/21 15:57	04/06/21 15:50	13127-88-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_0-0.6_20210330 **Lab ID:** 92530693013 Collected: 03/30/21 15:15 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	70	%	18-130		1	04/05/21 15:57	04/06/21 15:50	367-12-4	
2,4,6-Tribromophenol (S)	67	%	18-130		1	04/05/21 15:57	04/06/21 15:50	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	378J	ug/kg	412	132	1	04/01/21 16:46	04/01/21 22:26	67-64-1	
Benzene	ND	ug/kg	20.6	8.2	1	04/01/21 16:46	04/01/21 22:26	71-43-2	
Bromobenzene	ND	ug/kg	20.6	6.7	1	04/01/21 16:46	04/01/21 22:26	108-86-1	
Bromochloromethane	ND	ug/kg	20.6	6.1	1	04/01/21 16:46	04/01/21 22:26	74-97-5	
Bromodichloromethane	ND	ug/kg	20.6	8.0	1	04/01/21 16:46	04/01/21 22:26	75-27-4	
Bromoform	ND	ug/kg	20.6	7.3	1	04/01/21 16:46	04/01/21 22:26	75-25-2	
Bromomethane	ND	ug/kg	41.2	32.6	1	04/01/21 16:46	04/01/21 22:26	74-83-9	
2-Butanone (MEK)	178J	ug/kg	412	98.9	1	04/01/21 16:46	04/01/21 22:26	78-93-3	
n-Butylbenzene	ND	ug/kg	20.6	9.7	1	04/01/21 16:46	04/01/21 22:26	104-51-8	
sec-Butylbenzene	ND	ug/kg	20.6	9.1	1	04/01/21 16:46	04/01/21 22:26	135-98-8	
tert-Butylbenzene	ND	ug/kg	20.6	7.3	1	04/01/21 16:46	04/01/21 22:26	98-06-6	
Carbon tetrachloride	ND	ug/kg	20.6	7.7	1	04/01/21 16:46	04/01/21 22:26	56-23-5	
Chlorobenzene	ND	ug/kg	20.6	4.0	1	04/01/21 16:46	04/01/21 22:26	108-90-7	
Chloroethane	ND	ug/kg	41.2	15.9	1	04/01/21 16:46	04/01/21 22:26	75-00-3	
Chloroform	ND	ug/kg	20.6	12.5	1	04/01/21 16:46	04/01/21 22:26	67-66-3	
Chloromethane	ND	ug/kg	41.2	17.3	1	04/01/21 16:46	04/01/21 22:26	74-87-3	
2-Chlorotoluene	ND	ug/kg	20.6	7.3	1	04/01/21 16:46	04/01/21 22:26	95-49-8	
4-Chlorotoluene	ND	ug/kg	20.6	3.6	1	04/01/21 16:46	04/01/21 22:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	20.6	8.0	1	04/01/21 16:46	04/01/21 22:26	96-12-8	
Dibromochloromethane	ND	ug/kg	20.6	11.6	1	04/01/21 16:46	04/01/21 22:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	20.6	9.1	1	04/01/21 16:46	04/01/21 22:26	106-93-4	
Dibromomethane	ND	ug/kg	20.6	4.4	1	04/01/21 16:46	04/01/21 22:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	20.6	7.4	1	04/01/21 16:46	04/01/21 22:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	20.6	6.4	1	04/01/21 16:46	04/01/21 22:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	20.6	5.4	1	04/01/21 16:46	04/01/21 22:26	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	41.2	8.9	1	04/01/21 16:46	04/01/21 22:26	75-71-8	
1,1-Dichloroethane	ND	ug/kg	20.6	8.5	1	04/01/21 16:46	04/01/21 22:26	75-34-3	
1,2-Dichloroethane	ND	ug/kg	20.6	13.6	1	04/01/21 16:46	04/01/21 22:26	107-06-2	
1,1-Dichloroethene	ND	ug/kg	20.6	8.5	1	04/01/21 16:46	04/01/21 22:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	20.6	7.0	1	04/01/21 16:46	04/01/21 22:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	20.6	7.2	1	04/01/21 16:46	04/01/21 22:26	156-60-5	
1,2-Dichloropropane	ND	ug/kg	20.6	6.2	1	04/01/21 16:46	04/01/21 22:26	78-87-5	
1,3-Dichloropropane	ND	ug/kg	20.6	6.4	1	04/01/21 16:46	04/01/21 22:26	142-28-9	
2,2-Dichloropropane	ND	ug/kg	20.6	6.7	1	04/01/21 16:46	04/01/21 22:26	594-20-7	
1,1-Dichloropropene	ND	ug/kg	20.6	9.9	1	04/01/21 16:46	04/01/21 22:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	20.6	5.6	1	04/01/21 16:46	04/01/21 22:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	20.6	7.1	1	04/01/21 16:46	04/01/21 22:26	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_0-0.6_20210330 **Lab ID:** 92530693013 **Collected:** 03/30/21 15:15 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	20.6	5.6	1	04/01/21 16:46	04/01/21 22:26	108-20-3	
Ethylbenzene	ND	ug/kg	20.6	9.6	1	04/01/21 16:46	04/01/21 22:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	41.2	33.7	1	04/01/21 16:46	04/01/21 22:26	87-68-3	
2-Hexanone	ND	ug/kg	206	19.9	1	04/01/21 16:46	04/01/21 22:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	20.6	7.0	1	04/01/21 16:46	04/01/21 22:26	98-82-8	
p-Isopropyltoluene	ND	ug/kg	20.6	10.1	1	04/01/21 16:46	04/01/21 22:26	99-87-6	
Methylene Chloride	ND	ug/kg	82.5	56.5	1	04/01/21 16:46	04/01/21 22:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	206	19.9	1	04/01/21 16:46	04/01/21 22:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	20.6	7.7	1	04/01/21 16:46	04/01/21 22:26	1634-04-4	
Naphthalene	55.8	ug/kg	20.6	10.8	1	04/01/21 16:46	04/01/21 22:26	91-20-3	
n-Propylbenzene	ND	ug/kg	20.6	7.3	1	04/01/21 16:46	04/01/21 22:26	103-65-1	
Styrene	ND	ug/kg	20.6	5.4	1	04/01/21 16:46	04/01/21 22:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	20.6	7.9	1	04/01/21 16:46	04/01/21 22:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	20.6	5.4	1	04/01/21 16:46	04/01/21 22:26	79-34-5	
Tetrachloroethene	ND	ug/kg	20.6	6.5	1	04/01/21 16:46	04/01/21 22:26	127-18-4	
Toluene	20.3J	ug/kg	20.6	5.9	1	04/01/21 16:46	04/01/21 22:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	20.6	16.7	1	04/01/21 16:46	04/01/21 22:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	20.6	17.3	1	04/01/21 16:46	04/01/21 22:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	20.6	10.7	1	04/01/21 16:46	04/01/21 22:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	20.6	6.8	1	04/01/21 16:46	04/01/21 22:26	79-00-5	
Trichloroethene	ND	ug/kg	20.6	5.3	1	04/01/21 16:46	04/01/21 22:26	79-01-6	
Trichlorofluoromethane	ND	ug/kg	20.6	11.3	1	04/01/21 16:46	04/01/21 22:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	20.6	10.4	1	04/01/21 16:46	04/01/21 22:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	20.6	5.6	1	04/01/21 16:46	04/01/21 22:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	20.6	6.9	1	04/01/21 16:46	04/01/21 22:26	108-67-8	
Vinyl acetate	ND	ug/kg	206	15.0	1	04/01/21 16:46	04/01/21 22:26	108-05-4	L1
Vinyl chloride	ND	ug/kg	41.2	10.5	1	04/01/21 16:46	04/01/21 22:26	75-01-4	
Xylene (Total)	ND	ug/kg	41.2	11.7	1	04/01/21 16:46	04/01/21 22:26	1330-20-7	
m&p-Xylene	ND	ug/kg	41.2	14.1	1	04/01/21 16:46	04/01/21 22:26	179601-23-1	
o-Xylene	ND	ug/kg	20.6	9.1	1	04/01/21 16:46	04/01/21 22:26	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/01/21 16:46	04/01/21 22:26	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/01/21 16:46	04/01/21 22:26	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/01/21 16:46	04/01/21 22:26	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	51.9	%	0.10	0.10	1		04/01/21 13:42		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_4-5_20210330 **Lab ID:** 92530693014 Collected: 03/30/21 15:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.6	16.7	1	04/05/21 15:59	04/06/21 13:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.6	17.6	1	04/05/21 15:59	04/06/21 13:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.6	16.0	1	04/05/21 15:59	04/06/21 13:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.6	8.6	1	04/05/21 15:59	04/06/21 13:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.6	11.4	1	04/05/21 15:59	04/06/21 13:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.6	8.6	1	04/05/21 15:59	04/06/21 13:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.6	10.9	1	04/05/21 15:59	04/06/21 13:44	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	40	%	10-160		1	04/05/21 15:59	04/06/21 13:44	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3.7J	ug/kg	13.6	1.4	1	04/05/21 12:02	04/06/21 15:06	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	69	%	31-130		1	04/05/21 12:02	04/06/21 15:06	321-60-8	
Nitrobenzene-d5 (S)	102	%	32-130		1	04/05/21 12:02	04/06/21 15:06	4165-60-0	
Terphenyl-d14 (S)	69	%	24-130		1	04/05/21 12:02	04/06/21 15:06	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	465	163	1	04/07/21 13:00	04/07/21 15:36	83-32-9	
Acenaphthylene	ND	ug/kg	465	163	1	04/07/21 13:00	04/07/21 15:36	208-96-8	
Aniline	ND	ug/kg	465	182	1	04/07/21 13:00	04/07/21 15:36	62-53-3	
Anthracene	ND	ug/kg	465	152	1	04/07/21 13:00	04/07/21 15:36	120-12-7	
Benzo(a)anthracene	ND	ug/kg	465	155	1	04/07/21 13:00	04/07/21 15:36	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	465	155	1	04/07/21 13:00	04/07/21 15:36	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	465	180	1	04/07/21 13:00	04/07/21 15:36	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	465	163	1	04/07/21 13:00	04/07/21 15:36	207-08-9	
Benzoic Acid	ND	ug/kg	2320	999	1	04/07/21 13:00	04/07/21 15:36	65-85-0	
Benzyl alcohol	ND	ug/kg	930	352	1	04/07/21 13:00	04/07/21 15:36	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	465	179	1	04/07/21 13:00	04/07/21 15:36	101-55-3	
Butylbenzylphthalate	ND	ug/kg	465	196	1	04/07/21 13:00	04/07/21 15:36	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	930	327	1	04/07/21 13:00	04/07/21 15:36	59-50-7	
4-Chloroaniline	ND	ug/kg	930	365	1	04/07/21 13:00	04/07/21 15:36	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	465	193	1	04/07/21 13:00	04/07/21 15:36	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	465	175	1	04/07/21 13:00	04/07/21 15:36	111-44-4	
2-Chloronaphthalene	ND	ug/kg	465	185	1	04/07/21 13:00	04/07/21 15:36	91-58-7	
2-Chlorophenol	ND	ug/kg	465	175	1	04/07/21 13:00	04/07/21 15:36	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	465	173	1	04/07/21 13:00	04/07/21 15:36	7005-72-3	
Chrysene	ND	ug/kg	465	169	1	04/07/21 13:00	04/07/21 15:36	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	465	179	1	04/07/21 13:00	04/07/21 15:36	53-70-3	
Dibenzofuran	ND	ug/kg	465	168	1	04/07/21 13:00	04/07/21 15:36	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	930	314	1	04/07/21 13:00	04/07/21 15:36	91-94-1	IL

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_4-5_20210330 Lab ID: 92530693014 Collected: 03/30/21 15:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
2,4-Dichlorophenol	ND	ug/kg	465	182	1	04/07/21 13:00	04/07/21 15:36	120-83-2	
Diethylphthalate	ND	ug/kg	465	170	1	04/07/21 13:00	04/07/21 15:36	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	465	193	1	04/07/21 13:00	04/07/21 15:36	105-67-9	
Dimethylphthalate	ND	ug/kg	465	169	1	04/07/21 13:00	04/07/21 15:36	131-11-3	
Di-n-butylphthalate	ND	ug/kg	465	156	1	04/07/21 13:00	04/07/21 15:36	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	930	434	1	04/07/21 13:00	04/07/21 15:36	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2320	1440	1	04/07/21 13:00	04/07/21 15:36	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	465	179	1	04/07/21 13:00	04/07/21 15:36	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	465	170	1	04/07/21 13:00	04/07/21 15:36	606-20-2	
Di-n-octylphthalate	ND	ug/kg	465	183	1	04/07/21 13:00	04/07/21 15:36	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	465	180	1	04/07/21 13:00	04/07/21 15:36	117-81-7	
Fluoranthene	ND	ug/kg	465	159	1	04/07/21 13:00	04/07/21 15:36	206-44-0	
Fluorene	ND	ug/kg	465	163	1	04/07/21 13:00	04/07/21 15:36	86-73-7	
Hexachlorobenzene	ND	ug/kg	465	182	1	04/07/21 13:00	04/07/21 15:36	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	465	266	1	04/07/21 13:00	04/07/21 15:36	77-47-4	
Hexachloroethane	ND	ug/kg	465	177	1	04/07/21 13:00	04/07/21 15:36	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	465	183	1	04/07/21 13:00	04/07/21 15:36	193-39-5	
Isophorone	ND	ug/kg	465	207	1	04/07/21 13:00	04/07/21 15:36	78-59-1	
1-Methylnaphthalene	ND	ug/kg	465	163	1	04/07/21 13:00	04/07/21 15:36	90-12-0	
2-Methylnaphthalene	ND	ug/kg	465	186	1	04/07/21 13:00	04/07/21 15:36	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	465	190	1	04/07/21 13:00	04/07/21 15:36	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	465	187	1	04/07/21 13:00	04/07/21 15:36	15831-10-4	
2-Nitroaniline	ND	ug/kg	2320	380	1	04/07/21 13:00	04/07/21 15:36	88-74-4	
3-Nitroaniline	ND	ug/kg	2320	365	1	04/07/21 13:00	04/07/21 15:36	99-09-2	
4-Nitroaniline	ND	ug/kg	930	354	1	04/07/21 13:00	04/07/21 15:36	100-01-6	
Nitrobenzene	ND	ug/kg	465	216	1	04/07/21 13:00	04/07/21 15:36	98-95-3	
2-Nitrophenol	ND	ug/kg	465	201	1	04/07/21 13:00	04/07/21 15:36	88-75-5	
4-Nitrophenol	ND	ug/kg	2320	899	1	04/07/21 13:00	04/07/21 15:36	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	465	156	1	04/07/21 13:00	04/07/21 15:36	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	465	175	1	04/07/21 13:00	04/07/21 15:36	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	465	165	1	04/07/21 13:00	04/07/21 15:36	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	465	221	1	04/07/21 13:00	04/07/21 15:36	108-60-1	
Pentachlorophenol	ND	ug/kg	930	455	1	04/07/21 13:00	04/07/21 15:36	87-86-5	
Phenanthrene	ND	ug/kg	465	152	1	04/07/21 13:00	04/07/21 15:36	85-01-8	
Phenol	ND	ug/kg	465	207	1	04/07/21 13:00	04/07/21 15:36	108-95-2	
Pyrene	ND	ug/kg	465	189	1	04/07/21 13:00	04/07/21 15:36	129-00-0	
Pyridine	ND	ug/kg	465	147	1	04/07/21 13:00	04/07/21 15:36	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	465	213	1	04/07/21 13:00	04/07/21 15:36	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	465	192	1	04/07/21 13:00	04/07/21 15:36	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	48	%	21-130		1	04/07/21 13:00	04/07/21 15:36	4165-60-0	
2-Fluorobiphenyl (S)	26	%	19-130		1	04/07/21 13:00	04/07/21 15:36	321-60-8	
Terphenyl-d14 (S)	27	%	15-130		1	04/07/21 13:00	04/07/21 15:36	1718-51-0	
Phenol-d6 (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 15:36	13127-88-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: DA4-SB-12_SE_4-5_20210330 **Lab ID:** 92530693014 Collected: 03/30/21 15:30 Received: 03/31/21 12:08 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2-Fluorophenol (S)	48	%	18-130		1	04/07/21 13:00	04/07/21 15:36	367-12-4	
2,4,6-Tribromophenol (S)	42	%	18-130		1	04/07/21 13:00	04/07/21 15:36	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	131J	ug/kg	162	51.9	1	04/01/21 16:46	04/01/21 22:44	67-64-1	
Benzene	ND	ug/kg	8.1	3.2	1	04/01/21 16:46	04/01/21 22:44	71-43-2	
Bromobenzene	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:44	108-86-1	
Bromochloromethane	ND	ug/kg	8.1	2.4	1	04/01/21 16:46	04/01/21 22:44	74-97-5	
Bromodichloromethane	ND	ug/kg	8.1	3.1	1	04/01/21 16:46	04/01/21 22:44	75-27-4	
Bromoform	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:44	75-25-2	
Bromomethane	ND	ug/kg	16.2	12.8	1	04/01/21 16:46	04/01/21 22:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	162	38.8	1	04/01/21 16:46	04/01/21 22:44	78-93-3	
n-Butylbenzene	ND	ug/kg	8.1	3.8	1	04/01/21 16:46	04/01/21 22:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.1	3.0	1	04/01/21 16:46	04/01/21 22:44	56-23-5	
Chlorobenzene	ND	ug/kg	8.1	1.6	1	04/01/21 16:46	04/01/21 22:44	108-90-7	
Chloroethane	ND	ug/kg	16.2	6.2	1	04/01/21 16:46	04/01/21 22:44	75-00-3	
Chloroform	ND	ug/kg	8.1	4.9	1	04/01/21 16:46	04/01/21 22:44	67-66-3	
Chloromethane	ND	ug/kg	16.2	6.8	1	04/01/21 16:46	04/01/21 22:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.1	1.4	1	04/01/21 16:46	04/01/21 22:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	3.1	1	04/01/21 16:46	04/01/21 22:44	96-12-8	
Dibromochloromethane	ND	ug/kg	8.1	4.5	1	04/01/21 16:46	04/01/21 22:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:44	106-93-4	
Dibromomethane	ND	ug/kg	8.1	1.7	1	04/01/21 16:46	04/01/21 22:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.1	2.5	1	04/01/21 16:46	04/01/21 22:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.2	3.5	1	04/01/21 16:46	04/01/21 22:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.1	3.3	1	04/01/21 16:46	04/01/21 22:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.1	5.3	1	04/01/21 16:46	04/01/21 22:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.1	3.3	1	04/01/21 16:46	04/01/21 22:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.1	2.4	1	04/01/21 16:46	04/01/21 22:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.1	2.5	1	04/01/21 16:46	04/01/21 22:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.1	3.9	1	04/01/21 16:46	04/01/21 22:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.1	2.8	1	04/01/21 16:46	04/01/21 22:44	10061-02-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

Sample: DA4-SB-12_SE_4-5_20210330 **Lab ID:** 92530693014 **Collected:** 03/30/21 15:30 **Received:** 03/31/21 12:08 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Diisopropyl ether	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:44	108-20-3	
Ethylbenzene	ND	ug/kg	8.1	3.8	1	04/01/21 16:46	04/01/21 22:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.2	13.2	1	04/01/21 16:46	04/01/21 22:44	87-68-3	
2-Hexanone	ND	ug/kg	80.8	7.8	1	04/01/21 16:46	04/01/21 22:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.1	2.7	1	04/01/21 16:46	04/01/21 22:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.1	4.0	1	04/01/21 16:46	04/01/21 22:44	99-87-6	
Methylene Chloride	ND	ug/kg	32.3	22.1	1	04/01/21 16:46	04/01/21 22:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	80.8	7.8	1	04/01/21 16:46	04/01/21 22:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.1	3.0	1	04/01/21 16:46	04/01/21 22:44	1634-04-4	
Naphthalene	ND	ug/kg	8.1	4.2	1	04/01/21 16:46	04/01/21 22:44	91-20-3	
n-Propylbenzene	ND	ug/kg	8.1	2.9	1	04/01/21 16:46	04/01/21 22:44	103-65-1	
Styrene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.1	3.1	1	04/01/21 16:46	04/01/21 22:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:44	79-34-5	
Tetrachloroethene	ND	ug/kg	8.1	2.6	1	04/01/21 16:46	04/01/21 22:44	127-18-4	
Toluene	24.4	ug/kg	8.1	2.3	1	04/01/21 16:46	04/01/21 22:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.1	6.5	1	04/01/21 16:46	04/01/21 22:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.1	6.8	1	04/01/21 16:46	04/01/21 22:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.1	4.2	1	04/01/21 16:46	04/01/21 22:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.1	2.7	1	04/01/21 16:46	04/01/21 22:44	79-00-5	
Trichloroethene	ND	ug/kg	8.1	2.1	1	04/01/21 16:46	04/01/21 22:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.1	4.4	1	04/01/21 16:46	04/01/21 22:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.1	4.1	1	04/01/21 16:46	04/01/21 22:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.1	2.2	1	04/01/21 16:46	04/01/21 22:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.1	2.7	1	04/01/21 16:46	04/01/21 22:44	108-67-8	
Vinyl acetate	ND	ug/kg	80.8	5.9	1	04/01/21 16:46	04/01/21 22:44	108-05-4	L1
Vinyl chloride	ND	ug/kg	16.2	4.1	1	04/01/21 16:46	04/01/21 22:44	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	4.6	1	04/01/21 16:46	04/01/21 22:44	1330-20-7	
m&p-Xylene	ND	ug/kg	16.2	5.5	1	04/01/21 16:46	04/01/21 22:44	179601-23-1	
o-Xylene	ND	ug/kg	8.1	3.6	1	04/01/21 16:46	04/01/21 22:44	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/01/21 16:46	04/01/21 22:44	2037-26-5	
4-Bromofluorobenzene (S)	110	%	69-134		1	04/01/21 16:46	04/01/21 22:44	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/01/21 16:46	04/01/21 22:44	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	27.8	%	0.10	0.10	1		04/01/21 13:42		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: TRIP BLANK **Lab ID: 92530693015** Collected: 03/31/21 00:00 Received: 03/31/21 12:08 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/02/21 00:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/02/21 00:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/02/21 00:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/02/21 00:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/02/21 00:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/02/21 00:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		04/02/21 00:57	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/02/21 00:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/02/21 00:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/02/21 00:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/02/21 00:57	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/02/21 00:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/02/21 00:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 00:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/02/21 00:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/02/21 00:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/02/21 00:57	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		04/02/21 00:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 00:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/02/21 00:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/02/21 00:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/02/21 00:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/02/21 00:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 00:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/02/21 00:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 00:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/02/21 00:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/02/21 00:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/02/21 00:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/02/21 00:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/02/21 00:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 00:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/02/21 00:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/02/21 00:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/02/21 00:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/02/21 00:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/02/21 00:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/02/21 00:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/02/21 00:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/02/21 00:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/02/21 00:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/02/21 00:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/02/21 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/02/21 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/02/21 00:57	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Sample: TRIP BLANK		Lab ID: 92530693015		Collected: 03/31/21 00:00		Received: 03/31/21 12:08		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/02/21 00:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/02/21 00:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/02/21 00:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/02/21 00:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/02/21 00:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/02/21 00:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/02/21 00:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/02/21 00:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/02/21 00:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/02/21 00:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/02/21 00:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/02/21 00:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/02/21 00:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/02/21 00:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/02/21 00:57	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		04/02/21 00:57	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		04/02/21 00:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027
 Pace Project No.: 92530693

QC Batch: 610947	Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D	Analysis Description: 8260 MSV Low Level SC
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693015

METHOD BLANK: 3217067 Matrix: Water

Associated Lab Samples: 92530693015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/01/21 23:45	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/01/21 23:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/01/21 23:45	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/01/21 23:45	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/01/21 23:45	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/01/21 23:45	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/01/21 23:45	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/01/21 23:45	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/01/21 23:45	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/01/21 23:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/01/21 23:45	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/01/21 23:45	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/01/21 23:45	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/01/21 23:45	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/01/21 23:45	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/01/21 23:45	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/01/21 23:45	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/01/21 23:45	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/01/21 23:45	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/01/21 23:45	
2-Hexanone	ug/L	ND	5.0	0.48	04/01/21 23:45	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/01/21 23:45	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/01/21 23:45	
Acetone	ug/L	ND	25.0	5.1	04/01/21 23:45	
Benzene	ug/L	ND	1.0	0.34	04/01/21 23:45	
Bromobenzene	ug/L	ND	1.0	0.29	04/01/21 23:45	
Bromochloromethane	ug/L	ND	1.0	0.47	04/01/21 23:45	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/01/21 23:45	
Bromoform	ug/L	ND	1.0	0.34	04/01/21 23:45	
Bromomethane	ug/L	ND	2.0	1.7	04/01/21 23:45	v2
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/01/21 23:45	
Chlorobenzene	ug/L	ND	1.0	0.28	04/01/21 23:45	
Chloroethane	ug/L	ND	1.0	0.65	04/01/21 23:45	
Chloroform	ug/L	ND	5.0	1.6	04/01/21 23:45	
Chloromethane	ug/L	ND	1.0	0.54	04/01/21 23:45	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/01/21 23:45	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/01/21 23:45	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/01/21 23:45	
Dibromomethane	ug/L	ND	1.0	0.39	04/01/21 23:45	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/01/21 23:45	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

METHOD BLANK: 3217067

Matrix: Water

Associated Lab Samples: 92530693015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/01/21 23:45	
Ethylbenzene	ug/L	ND	1.0	0.30	04/01/21 23:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/01/21 23:45	
m&p-Xylene	ug/L	ND	2.0	0.71	04/01/21 23:45	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/01/21 23:45	
Methylene Chloride	ug/L	ND	5.0	2.0	04/01/21 23:45	
Naphthalene	ug/L	ND	1.0	0.64	04/01/21 23:45	
o-Xylene	ug/L	ND	1.0	0.34	04/01/21 23:45	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/01/21 23:45	
Styrene	ug/L	ND	1.0	0.29	04/01/21 23:45	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/01/21 23:45	
Toluene	ug/L	ND	1.0	0.48	04/01/21 23:45	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/01/21 23:45	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/01/21 23:45	
Trichloroethene	ug/L	ND	1.0	0.38	04/01/21 23:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/01/21 23:45	
Vinyl acetate	ug/L	ND	2.0	1.3	04/01/21 23:45	
Vinyl chloride	ug/L	ND	1.0	0.39	04/01/21 23:45	
Xylene (Total)	ug/L	ND	1.0	0.34	04/01/21 23:45	
1,2-Dichloroethane-d4 (S)	%	98	70-130		04/01/21 23:45	
4-Bromofluorobenzene (S)	%	97	70-130		04/01/21 23:45	
Toluene-d8 (S)	%	100	70-130		04/01/21 23:45	

LABORATORY CONTROL SAMPLE: 3217068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	47.0	94	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,2-Trichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethane	ug/L	50	51.6	103	70-130	
1,1-Dichloroethene	ug/L	50	46.2	92	70-130	
1,1-Dichloropropene	ug/L	50	49.3	99	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2,3-Trichloropropane	ug/L	50	48.9	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	70-130	
1,2-Dichlorobenzene	ug/L	50	47.5	95	70-130	
1,2-Dichloroethane	ug/L	50	46.7	93	70-130	
1,2-Dichloropropane	ug/L	50	52.5	105	70-130	
1,3-Dichlorobenzene	ug/L	50	46.0	92	70-130	
1,3-Dichloropropane	ug/L	50	49.6	99	70-130	
1,4-Dichlorobenzene	ug/L	50	48.2	96	70-130	
2,2-Dichloropropane	ug/L	50	48.1	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3217068

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	114	114	70-130	
2-Chlorotoluene	ug/L	50	46.9	94	70-130	
2-Hexanone	ug/L	100	105	105	70-130	
4-Chlorotoluene	ug/L	50	44.5	89	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	105	105	70-130	
Acetone	ug/L	100	110	110	70-130	
Benzene	ug/L	50	49.4	99	70-130	
Bromobenzene	ug/L	50	47.3	95	70-130	
Bromochloromethane	ug/L	50	51.1	102	70-130	
Bromodichloromethane	ug/L	50	48.6	97	70-130	
Bromoform	ug/L	50	51.9	104	70-130	
Bromomethane	ug/L	50	38.3	77	70-130 v3	
Carbon tetrachloride	ug/L	50	49.0	98	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	44.5	89	70-130	
Chloroform	ug/L	50	50.1	100	70-130	
Chloromethane	ug/L	50	50.8	102	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.6	103	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	49.9	100	70-130	
Dichlorodifluoromethane	ug/L	50	43.0	86	70-130	
Diisopropyl ether	ug/L	50	53.8	108	70-130	
Ethylbenzene	ug/L	50	48.5	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.7	109	70-130	
m&p-Xylene	ug/L	100	97.7	98	70-130	
Methyl-tert-butyl ether	ug/L	50	49.5	99	70-130	
Methylene Chloride	ug/L	50	52.2	104	70-130	
Naphthalene	ug/L	50	52.4	105	70-130	
o-Xylene	ug/L	50	49.8	100	70-130	
p-Isopropyltoluene	ug/L	50	48.7	97	70-130	
Styrene	ug/L	50	52.4	105	70-130	
Tetrachloroethene	ug/L	50	49.1	98	70-130	
Toluene	ug/L	50	47.9	96	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.0	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.5	99	70-130	
Trichloroethene	ug/L	50	49.7	99	70-130	
Trichlorofluoromethane	ug/L	50	41.0	82	70-130	
Vinyl acetate	ug/L	100	118	118	70-130	
Vinyl chloride	ug/L	50	49.5	99	70-130	
Xylene (Total)	ug/L	150	147	98	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Parameter	Units	92530726002		3217069		3217070		% Rec	% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.9	18.8	94	94	73-134	0	30				
1,1,1-Trichloroethane	ug/L	ND	20	20	23.1	22.9	115	115	82-143	1	30				
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.4	19.4	97	97	70-136	0	30				
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	19.5	105	98	70-135	7	30				
1,1-Dichloroethane	ug/L	ND	20	20	24.5	23.7	123	118	70-139	3	30				
1,1-Dichloroethene	ug/L	ND	20	20	25.0	24.6	125	123	70-154	2	30				
1,1-Dichloropropene	ug/L	ND	20	20	23.8	22.8	119	114	70-149	4	30				
1,2,3-Trichlorobenzene	ug/L	ND	20	20	18.3	18.9	91	95	70-135	3	30				
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	18.5	98	93	71-137	5	30				
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.2	17.3	91	86	73-140	5	30				
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.2	16.9	91	85	65-134	7	30				
1,2-Dichlorobenzene	ug/L	ND	20	20	19.0	18.9	95	95	70-133	1	30				
1,2-Dichloroethane	ug/L	ND	20	20	22.8	21.8	114	109	70-137	5	30				
1,2-Dichloropropane	ug/L	ND	20	20	22.7	22.3	113	111	70-140	2	30				
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	18.4	99	92	70-135	7	30				
1,3-Dichloropropane	ug/L	ND	20	20	20.5	19.7	103	99	70-143	4	30				
1,4-Dichlorobenzene	ug/L	ND	20	20	20.1	19.3	100	96	70-133	4	30				
2,2-Dichloropropane	ug/L	ND	20	20	24.0	23.0	120	115	61-148	4	30				
2-Butanone (MEK)	ug/L	ND	40	40	48.9	46.3	122	116	60-139	5	30 v1				
2-Chlorotoluene	ug/L	ND	20	20	21.0	20.8	105	104	70-144	1	30				
2-Hexanone	ug/L	ND	40	40	45.2	43.2	113	108	65-138	4	30				
4-Chlorotoluene	ug/L	ND	20	20	20.4	20.1	102	101	70-137	1	30				
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	45.6	44.3	114	111	65-135	3	30				
Acetone	ug/L	ND	40	40	53.8	51.4	134	128	60-148	5	30 v1				
Benzene	ug/L	ND	20	20	22.7	22.0	114	110	70-151	3	30				
Bromobenzene	ug/L	ND	20	20	20.7	20.2	104	101	70-136	3	30				
Bromochloromethane	ug/L	ND	20	20	21.9	21.3	110	107	70-141	3	30				
Bromodichloromethane	ug/L	ND	20	20	21.3	21.0	107	105	70-138	1	30				
Bromoform	ug/L	ND	20	20	17.5	17.7	88	88	63-130	1	30				
Bromomethane	ug/L	ND	20	20	26.8	26.1	134	130	15-152	3	30				
Carbon tetrachloride	ug/L	ND	20	20	21.0	21.4	105	107	70-143	2	30				
Chlorobenzene	ug/L	ND	20	20	20.6	19.9	103	99	70-138	3	30				
Chloroethane	ug/L	ND	20	20	25.3	24.2	127	121	52-163	5	30				
Chloroform	ug/L	ND	20	20	23.1	22.7	115	113	70-139	2	30				
Chloromethane	ug/L	ND	20	20	25.5	23.9	128	119	41-139	7	30				
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.7	23.6	119	118	70-141	1	30				
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.9	20.1	104	101	70-137	4	30				
Dibromochloromethane	ug/L	ND	20	20	19.1	19.0	95	95	70-134	1	30				
Dibromomethane	ug/L	ND	20	20	19.4	19.5	97	98	70-138	1	30				
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	22.6	115	113	47-155	2	30				
Diisopropyl ether	ug/L	ND	20	20	26.2	24.6	131	123	63-144	6	30				
Ethylbenzene	ug/L	ND	20	20	21.0	20.6	105	103	66-153	2	30				
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.5	17.7	92	88	65-149	5	30				
m&p-Xylene	ug/L	ND	40	40	41.3	41.0	103	102	69-152	1	30				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Parameter	Units	3217069		3217070		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92530726002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	21.2	20.6	106	103	54-156	3	30		
Methylene Chloride	ug/L	ND	20	20	27.1	26.3	136	132	42-159	3	30		
Naphthalene	ug/L	ND	20	20	18.1	17.5	91	88	61-148	3	30		
o-Xylene	ug/L	ND	20	20	20.1	19.6	100	98	70-148	3	30		
p-Isopropyltoluene	ug/L	ND	20	20	20.6	20.1	103	101	70-146	2	30		
Styrene	ug/L	ND	20	20	20.0	19.9	100	100	70-135	1	30		
Tetrachloroethene	ug/L	ND	20	20	19.0	19.5	95	97	59-143	2	30		
Toluene	ug/L	ND	20	20	21.0	20.9	105	105	59-148	0	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.0	24.4	125	122	70-146	2	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.9	20.2	105	101	70-135	4	30		
Trichloroethene	ug/L	ND	20	20	19.6	19.5	98	97	70-147	1	30		
Trichlorofluoromethane	ug/L	ND	20	20	21.5	21.0	108	105	70-148	2	30		
Vinyl acetate	ug/L	ND	40	40	59.8	56.2	149	141	49-151	6	30	v1	
Vinyl chloride	ug/L	ND	20	20	25.0	24.0	125	120	70-156	4	30		
Xylene (Total)	ug/L	ND	60	60	61.4	60.5	102	101	63-158	1	30		
1,2-Dichloroethane-d4 (S)	%						107	110	70-130				
4-Bromofluorobenzene (S)	%						103	105	70-130				
Toluene-d8 (S)	%						102	102	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

QC Batch:	610874	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

METHOD BLANK: 3216744 Matrix: Solid

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/01/21 18:13	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/01/21 18:13	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/01/21 18:13	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/01/21 18:13	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/01/21 18:13	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/01/21 18:13	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/01/21 18:13	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/01/21 18:13	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/01/21 18:13	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/01/21 18:13	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/01/21 18:13	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/01/21 18:13	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/01/21 18:13	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/01/21 18:13	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/01/21 18:13	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/01/21 18:13	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/01/21 18:13	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/01/21 18:13	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/01/21 18:13	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/01/21 18:13	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/01/21 18:13	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/01/21 18:13	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/01/21 18:13	
2-Hexanone	ug/kg	ND	50.0	4.8	04/01/21 18:13	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/01/21 18:13	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/01/21 18:13	
Acetone	ug/kg	ND	100	32.1	04/01/21 18:13	
Benzene	ug/kg	ND	5.0	2.0	04/01/21 18:13	
Bromobenzene	ug/kg	ND	5.0	1.6	04/01/21 18:13	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/01/21 18:13	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/01/21 18:13	
Bromoform	ug/kg	ND	5.0	1.8	04/01/21 18:13	
Bromomethane	ug/kg	ND	10.0	7.9	04/01/21 18:13	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/01/21 18:13	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/01/21 18:13	
Chloroethane	ug/kg	ND	10.0	3.9	04/01/21 18:13	
Chloroform	ug/kg	ND	5.0	3.0	04/01/21 18:13	
Chloromethane	ug/kg	ND	10.0	4.2	04/01/21 18:13	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/01/21 18:13	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

METHOD BLANK: 3216744

Matrix: Solid

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/01/21 18:13	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/01/21 18:13	
Dibromomethane	ug/kg	ND	5.0	1.1	04/01/21 18:13	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/01/21 18:13	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/01/21 18:13	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/01/21 18:13	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/01/21 18:13	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/01/21 18:13	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/01/21 18:13	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/01/21 18:13	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/01/21 18:13	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/01/21 18:13	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/01/21 18:13	
Naphthalene	ug/kg	ND	5.0	2.6	04/01/21 18:13	
o-Xylene	ug/kg	ND	5.0	2.2	04/01/21 18:13	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/01/21 18:13	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/01/21 18:13	
Styrene	ug/kg	ND	5.0	1.3	04/01/21 18:13	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/01/21 18:13	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/01/21 18:13	
Toluene	ug/kg	ND	5.0	1.4	04/01/21 18:13	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/01/21 18:13	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/01/21 18:13	
Trichloroethene	ug/kg	ND	5.0	1.3	04/01/21 18:13	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/01/21 18:13	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/01/21 18:13	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/01/21 18:13	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/01/21 18:13	
1,2-Dichloroethane-d4 (S)	%	108	70-130		04/01/21 18:13	
4-Bromofluorobenzene (S)	%	109	69-134		04/01/21 18:13	
Toluene-d8 (S)	%	100	70-130		04/01/21 18:13	

LABORATORY CONTROL SAMPLE: 3216745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	99	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1290	104	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1250	100	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1280	102	70-130	
1,1-Dichloroethane	ug/kg	1250	1370	110	70-130	
1,1-Dichloroethene	ug/kg	1250	1430	115	70-130	
1,1-Dichloropropene	ug/kg	1250	1370	110	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1280	102	65-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3216745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1270	101	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1250	100	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1320	106	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1220	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1280	103	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1270	102	70-130	
1,2-Dichloroethane	ug/kg	1250	1340	107	63-130	
1,2-Dichloropropane	ug/kg	1250	1370	110	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1340	107	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1230	99	70-130	
1,3-Dichloropropane	ug/kg	1250	1350	108	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
2,2-Dichloropropane	ug/kg	1250	1300	104	66-130	
2-Butanone (MEK)	ug/kg	2500	3040	122	70-130	
2-Chlorotoluene	ug/kg	1250	1430	114	70-130	
2-Hexanone	ug/kg	2500	2900	116	70-130	
4-Chlorotoluene	ug/kg	1250	1340	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2890	116	70-130	
Acetone	ug/kg	2500	2960	118	69-130	
Benzene	ug/kg	1250	1340	107	70-130	
Bromobenzene	ug/kg	1250	1270	101	70-130	
Bromochloromethane	ug/kg	1250	1300	104	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1210	97	70-130	
Bromomethane	ug/kg	1250	1150	92	52-130	
Carbon tetrachloride	ug/kg	1250	1270	101	70-130	
Chlorobenzene	ug/kg	1250	1230	98	70-130	
Chloroethane	ug/kg	1250	1260	101	65-130	
Chloroform	ug/kg	1250	1210	97	70-130	
Chloromethane	ug/kg	1250	1310	104	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1370	110	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1350	108	70-130	
Dibromochloromethane	ug/kg	1250	1300	104	70-130	
Dibromomethane	ug/kg	1250	1230	98	70-130	
Dichlorodifluoromethane	ug/kg	1250	1480	118	45-156	
Diisopropyl ether	ug/kg	1250	1380	110	70-130	
Ethylbenzene	ug/kg	1250	1210	97	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1310	105	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1270	102	70-130	
m&p-Xylene	ug/kg	2500	2580	103	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1310	105	70-130	
Methylene Chloride	ug/kg	1250	1440	115	65-130	
n-Butylbenzene	ug/kg	1250	1320	106	67-130	
n-Propylbenzene	ug/kg	1250	1340	107	70-130	
Naphthalene	ug/kg	1250	1280	103	70-130	
o-Xylene	ug/kg	1250	1260	101	70-130	
p-Isopropyltoluene	ug/kg	1250	1320	106	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3216745

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1290	103	69-130	
Styrene	ug/kg	1250	1310	105	70-130	
tert-Butylbenzene	ug/kg	1250	1280	103	67-130	
Tetrachloroethene	ug/kg	1250	1190	95	70-130	
Toluene	ug/kg	1250	1290	104	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1410	113	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1330	106	68-130	
Trichloroethene	ug/kg	1250	1250	100	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	98	70-130	
Vinyl acetate	ug/kg	2500	3270	131	70-130 L1	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3850	103	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			108	69-134	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE SAMPLE: 3216747

Parameter	Units	92530693002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	761	801	105	70-131	
1,1,1-Trichloroethane	ug/kg	ND	761	855	112	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	761	797	105	66-130	
1,1,2-Trichloroethane	ug/kg	ND	761	837	110	66-133	
1,1-Dichloroethane	ug/kg	ND	761	799	105	65-130	
1,1-Dichloroethene	ug/kg	ND	761	894	117	10-158	
1,1-Dichloropropene	ug/kg	ND	761	902	119	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	761	851	112	27-138	
1,2,3-Trichloropropane	ug/kg	ND	761	786	103	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	761	824	108	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	761	862	113	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	761	731	96	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	761	821	108	70-130	
1,2-Dichlorobenzene	ug/kg	ND	761	833	109	69-130	
1,2-Dichloroethane	ug/kg	ND	761	892	117	59-130	
1,2-Dichloropropane	ug/kg	ND	761	920	121	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	761	869	114	65-137	
1,3-Dichlorobenzene	ug/kg	ND	761	812	107	70-130	
1,3-Dichloropropane	ug/kg	ND	761	876	115	70-130	
1,4-Dichlorobenzene	ug/kg	ND	761	811	107	68-130	
2,2-Dichloropropane	ug/kg	ND	761	686	90	32-130	
2-Butanone (MEK)	ug/kg	ND	1520	1790	118	10-136	
2-Chlorotoluene	ug/kg	ND	761	900	118	69-141	
2-Hexanone	ug/kg	ND	1520	1790	118	10-144	
4-Chlorotoluene	ug/kg	ND	761	877	115	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1520	1830	120	25-143	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

MATRIX SPIKE SAMPLE: 3216747		92530693002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	ND	1520	1560	100	10-130	
Benzene	ug/kg	ND	761	899	118	67-130	
Bromobenzene	ug/kg	ND	761	816	107	70-130	
Bromochloromethane	ug/kg	ND	761	774	102	69-134	
Bromodichloromethane	ug/kg	ND	761	779	102	64-130	
Bromoform	ug/kg	ND	761	721	95	62-130	
Bromomethane	ug/kg	ND	761	561	74	20-176	
Carbon tetrachloride	ug/kg	ND	761	816	107	65-140	
Chlorobenzene	ug/kg	ND	761	817	107	70-130	
Chloroethane	ug/kg	ND	761	293	38	10-130	
Chloroform	ug/kg	ND	761	777	102	63-130	
Chloromethane	ug/kg	ND	761	997	131	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	761	828	109	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	761	832	109	67-130	
Dibromochloromethane	ug/kg	ND	761	797	105	67-130	
Dibromomethane	ug/kg	ND	761	786	103	63-131	
Dichlorodifluoromethane	ug/kg	ND	761	1010	133	44-180	
Diisopropyl ether	ug/kg	ND	761	874	115	63-130	
Ethylbenzene	ug/kg	ND	761	825	108	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	761	862	113	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	761	860	113	69-135	
m&p-Xylene	ug/kg	ND	1520	1740	115	60-133	
Methyl-tert-butyl ether	ug/kg	ND	761	808	106	65-130	
Methylene Chloride	ug/kg	ND	761	887	117	61-130	
n-Butylbenzene	ug/kg	ND	761	842	111	65-140	
n-Propylbenzene	ug/kg	ND	761	879	116	67-140	
Naphthalene	ug/kg	9.1	761	857	112	15-145	
o-Xylene	ug/kg	ND	761	853	112	66-133	
p-Isopropyltoluene	ug/kg	ND	761	872	115	56-147	
sec-Butylbenzene	ug/kg	ND	761	865	114	65-139	
Styrene	ug/kg	ND	761	859	113	70-132	
tert-Butylbenzene	ug/kg	ND	761	855	112	62-135	
Tetrachloroethene	ug/kg	ND	761	790	104	70-135	
Toluene	ug/kg	ND	761	879	116	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	761	890	117	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	761	827	109	62-130	
Trichloroethene	ug/kg	ND	761	849	112	70-135	
Trichlorofluoromethane	ug/kg	ND	761	281	37	10-130	
Vinyl acetate	ug/kg	ND	1520	1890	124	53-130	
Vinyl chloride	ug/kg	ND	761	878	115	61-148	
Xylene (Total)	ug/kg	ND	2290	2600	114	63-132	
1,2-Dichloroethane-d4 (S)	%				125	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

SAMPLE DUPLICATE: 3216746

Parameter	Units	92530693001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	7.6J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

SAMPLE DUPLICATE: 3216746

Parameter	Units	92530693001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	12.6J	11.6J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	47.6	47.1	1	30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	10.6J	9.9J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	12.6J	ND		30	
1,2-Dichloroethane-d4 (S)	%	112	109			
4-Bromofluorobenzene (S)	%	110	108			
Toluene-d8 (S)	%	101	103			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027
Pace Project No.: 92530693

QC Batch:	611440	Analysis Method:	EPA 8082A
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

METHOD BLANK: 3218921 Matrix: Solid
Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.8	12.0	04/06/21 14:27	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.8	12.6	04/06/21 14:27	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.8	11.5	04/06/21 14:27	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.8	6.2	04/06/21 14:27	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.8	8.2	04/06/21 14:27	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.8	6.2	04/06/21 14:27	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.8	7.8	04/06/21 14:27	
Decachlorobiphenyl (S)	%	86	10-160		04/06/21 14:27	

LABORATORY CONTROL SAMPLE: 3218922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	154	93	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	166	155	93	47-139	
Decachlorobiphenyl (S)	%			93	10-160	

MATRIX SPIKE SAMPLE: 3218923

Parameter	Units	92530693010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	249	107	43	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	249	97.9	39	10-142	
Decachlorobiphenyl (S)	%				35	10-160	

SAMPLE DUPLICATE: 3218924

Parameter	Units	92530693012 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	81	74			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

QC Batch:	611344	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

METHOD BLANK: 3218579 Matrix: Solid
Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	9.9	1.0	04/06/21 06:39	
2-Fluorobiphenyl (S)	%	104	31-130		04/06/21 06:39	
Nitrobenzene-d5 (S)	%	116	32-130		04/06/21 06:39	
Terphenyl-d14 (S)	%	132	24-130		04/06/21 06:39	S3

LABORATORY CONTROL SAMPLE: 3218580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.8	26.0	77	44-130	
2-Fluorobiphenyl (S)	%			97	31-130	
Nitrobenzene-d5 (S)	%			110	32-130	
Terphenyl-d14 (S)	%			140	24-130	S0

MATRIX SPIKE SAMPLE: 3218581

Parameter	Units	92530693003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	51.7	34.7	67	10-130	
2-Fluorobiphenyl (S)	%				101	31-130	
Nitrobenzene-d5 (S)	%				124	32-130	
Terphenyl-d14 (S)	%				128	24-130	

SAMPLE DUPLICATE: 3218582

Parameter	Units	92530693004 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	94	94			
Nitrobenzene-d5 (S)	%	113	110			
Terphenyl-d14 (S)	%	118	119			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

QC Batch: 611441 Analysis Method: EPA 8270E
 QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013

METHOD BLANK: 3218925 Matrix: Solid
 Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	334	118	04/06/21 09:33	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	334	159	04/06/21 09:33	
2,4,5-Trichlorophenol	ug/kg	ND	334	153	04/06/21 09:33	
2,4,6-Trichlorophenol	ug/kg	ND	334	138	04/06/21 09:33	
2,4-Dichlorophenol	ug/kg	ND	334	131	04/06/21 09:33	
2,4-Dimethylphenol	ug/kg	ND	334	139	04/06/21 09:33	
2,4-Dinitrophenol	ug/kg	ND	1670	1030	04/06/21 09:33	
2,4-Dinitrotoluene	ug/kg	ND	334	129	04/06/21 09:33	
2,6-Dinitrotoluene	ug/kg	ND	334	123	04/06/21 09:33	
2-Chloronaphthalene	ug/kg	ND	334	133	04/06/21 09:33	
2-Chlorophenol	ug/kg	ND	334	126	04/06/21 09:33	
2-Methylnaphthalene	ug/kg	ND	334	134	04/06/21 09:33	
2-Methylphenol(o-Cresol)	ug/kg	ND	334	137	04/06/21 09:33	
2-Nitroaniline	ug/kg	ND	1670	274	04/06/21 09:33	IL
2-Nitrophenol	ug/kg	ND	334	145	04/06/21 09:33	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	334	135	04/06/21 09:33	
3,3'-Dichlorobenzidine	ug/kg	ND	669	226	04/06/21 09:33	
3-Nitroaniline	ug/kg	ND	1670	262	04/06/21 09:33	
4,6-Dinitro-2-methylphenol	ug/kg	ND	669	312	04/06/21 09:33	
4-Bromophenylphenyl ether	ug/kg	ND	334	129	04/06/21 09:33	
4-Chloro-3-methylphenol	ug/kg	ND	669	235	04/06/21 09:33	
4-Chloroaniline	ug/kg	ND	669	262	04/06/21 09:33	
4-Chlorophenylphenyl ether	ug/kg	ND	334	125	04/06/21 09:33	
4-Nitroaniline	ug/kg	ND	669	254	04/06/21 09:33	
4-Nitrophenol	ug/kg	ND	1670	647	04/06/21 09:33	
Acenaphthene	ug/kg	ND	334	118	04/06/21 09:33	
Acenaphthylene	ug/kg	ND	334	118	04/06/21 09:33	
Aniline	ug/kg	ND	334	131	04/06/21 09:33	
Anthracene	ug/kg	ND	334	109	04/06/21 09:33	
Benzo(a)anthracene	ug/kg	ND	334	111	04/06/21 09:33	
Benzo(b)fluoranthene	ug/kg	ND	334	111	04/06/21 09:33	
Benzo(g,h,i)perylene	ug/kg	ND	334	130	04/06/21 09:33	
Benzo(k)fluoranthene	ug/kg	ND	334	118	04/06/21 09:33	
Benzoic Acid	ug/kg	ND	1670	719	04/06/21 09:33	
Benzyl alcohol	ug/kg	ND	669	253	04/06/21 09:33	
bis(2-Chloroethoxy)methane	ug/kg	ND	334	139	04/06/21 09:33	
bis(2-Chloroethyl) ether	ug/kg	ND	334	126	04/06/21 09:33	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	334	130	04/06/21 09:33	
Butylbenzylphthalate	ug/kg	ND	334	141	04/06/21 09:33	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Project No.: 92530693

METHOD BLANK: 3218925

Matrix: Solid

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	334	122	04/06/21 09:33	
Di-n-butylphthalate	ug/kg	ND	334	112	04/06/21 09:33	
Di-n-octylphthalate	ug/kg	ND	334	132	04/06/21 09:33	
Dibenz(a,h)anthracene	ug/kg	ND	334	129	04/06/21 09:33	
Dibenzofuran	ug/kg	ND	334	121	04/06/21 09:33	
Diethylphthalate	ug/kg	ND	334	123	04/06/21 09:33	
Dimethylphthalate	ug/kg	ND	334	122	04/06/21 09:33	
Fluoranthene	ug/kg	ND	334	115	04/06/21 09:33	
Fluorene	ug/kg	ND	334	118	04/06/21 09:33	
Hexachlorobenzene	ug/kg	ND	334	131	04/06/21 09:33	
Hexachlorocyclopentadiene	ug/kg	ND	334	192	04/06/21 09:33	
Hexachloroethane	ug/kg	ND	334	128	04/06/21 09:33	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	334	132	04/06/21 09:33	
Isophorone	ug/kg	ND	334	149	04/06/21 09:33	
N-Nitroso-di-n-propylamine	ug/kg	ND	334	126	04/06/21 09:33	
N-Nitrosodimethylamine	ug/kg	ND	334	112	04/06/21 09:33	
N-Nitrosodiphenylamine	ug/kg	ND	334	119	04/06/21 09:33	
Nitrobenzene	ug/kg	ND	334	155	04/06/21 09:33	v1
Pentachlorophenol	ug/kg	ND	669	327	04/06/21 09:33	
Phenanthrene	ug/kg	ND	334	109	04/06/21 09:33	
Phenol	ug/kg	ND	334	149	04/06/21 09:33	
Pyrene	ug/kg	ND	334	136	04/06/21 09:33	
Pyridine	ug/kg	ND	334	105	04/06/21 09:33	
2,4,6-Tribromophenol (S)	%	63	18-130		04/06/21 09:33	
2-Fluorobiphenyl (S)	%	64	19-130		04/06/21 09:33	
2-Fluorophenol (S)	%	62	18-130		04/06/21 09:33	
Nitrobenzene-d5 (S)	%	71	21-130		04/06/21 09:33	
Phenol-d6 (S)	%	64	18-130		04/06/21 09:33	
Terphenyl-d14 (S)	%	94	15-130		04/06/21 09:33	

LABORATORY CONTROL SAMPLE: 3218926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1640	1310	80	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1640	1430	87	38-130	
2,4,5-Trichlorophenol	ug/kg	1640	1310	80	49-130	
2,4,6-Trichlorophenol	ug/kg	1640	1330	81	50-130	
2,4-Dichlorophenol	ug/kg	1640	1340	82	51-130	
2,4-Dimethylphenol	ug/kg	1640	1400	85	53-130	
2,4-Dinitrophenol	ug/kg	8220	6210	75	39-130	
2,4-Dinitrotoluene	ug/kg	1640	1430	87	53-130	
2,6-Dinitrotoluene	ug/kg	1640	1410	86	55-130	
2-Chloronaphthalene	ug/kg	1640	1330	81	48-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3218926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1640	1200	73	54-130	
2-Methylnaphthalene	ug/kg	1640	1320	80	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1640	1220	74	50-130	
2-Nitroaniline	ug/kg	3290	3150	96	49-130	IL
2-Nitrophenol	ug/kg	1640	1270	77	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1640	1340	81	50-130	
3,3'-Dichlorobenzidine	ug/kg	3290	2630	80	47-130	
3-Nitroaniline	ug/kg	3290	2500	76	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3290	2740	83	50-142	
4-Bromophenylphenyl ether	ug/kg	1640	1420	86	55-130	
4-Chloro-3-methylphenol	ug/kg	3290	2800	85	52-130	
4-Chloroaniline	ug/kg	3290	2600	79	49-130	
4-Chlorophenylphenyl ether	ug/kg	1640	1450	88	53-130	
4-Nitroaniline	ug/kg	3290	2580	79	51-130	
4-Nitrophenol	ug/kg	8220	8390	102	40-130	
Acenaphthene	ug/kg	1640	1400	85	56-130	
Acenaphthylene	ug/kg	1640	1400	85	58-130	
Aniline	ug/kg	1640	1210	74	44-130	
Anthracene	ug/kg	1640	1460	89	60-130	
Benzo(a)anthracene	ug/kg	1640	1500	91	59-130	
Benzo(b)fluoranthene	ug/kg	1640	1540	94	54-130	
Benzo(g,h,i)perylene	ug/kg	1640	1550	94	59-130	
Benzo(k)fluoranthene	ug/kg	1640	1500	91	54-130	
Benzoic Acid	ug/kg	8220	5550	67	19-130	
Benzyl alcohol	ug/kg	3290	2750	84	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1640	1260	77	55-130	
bis(2-Chloroethyl) ether	ug/kg	1640	1270	77	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1640	1620	99	58-130	
Butylbenzylphthalate	ug/kg	1640	1580	96	46-138	
Chrysene	ug/kg	1640	1430	87	57-130	
Di-n-butylphthalate	ug/kg	1640	1500	91	57-130	
Di-n-octylphthalate	ug/kg	1640	1600	97	57-130	
Dibenz(a,h)anthracene	ug/kg	1640	1610	98	60-130	
Dibenzofuran	ug/kg	1640	1410	86	54-130	
Diethylphthalate	ug/kg	1640	1450	88	55-130	
Dimethylphthalate	ug/kg	1640	1410	85	57-130	
Fluoranthene	ug/kg	1640	1470	89	57-130	
Fluorene	ug/kg	1640	1470	89	56-130	
Hexachlorobenzene	ug/kg	1640	1390	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1640	689	42	23-130	
Hexachloroethane	ug/kg	1640	1300	79	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1640	1610	98	61-130	
Isophorone	ug/kg	1640	1360	82	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1640	1450	88	52-130	
N-Nitrosodimethylamine	ug/kg	1640	1190	72	45-130	
N-Nitrosodiphenylamine	ug/kg	1640	1440	87	56-130	
Nitrobenzene	ug/kg	1640	1450	88	50-130	v1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3218926

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3290	2100	64	33-130	
Phenanthrene	ug/kg	1640	1460	89	60-130	
Phenol	ug/kg	1640	1360	83	54-130	
Pyrene	ug/kg	1640	1510	92	61-130	
Pyridine	ug/kg	1640	949	58	35-130	
2,4,6-Tribromophenol (S)	%			81	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			76	18-130	
Nitrobenzene-d5 (S)	%			85	21-130	
Phenol-d6 (S)	%			79	18-130	
Terphenyl-d14 (S)	%			103	15-130	

MATRIX SPIKE SAMPLE: 3218927

Parameter	Units	92530446001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	2160	1770J	82	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2160	2050J	95	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	2160	1840J	85	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	2160	1700J	79	23-130	
2,4-Dichlorophenol	ug/kg	ND	2160	1730J	80	29-130	
2,4-Dimethylphenol	ug/kg	ND	2160	1170J	54	13-130	
2,4-Dinitrophenol	ug/kg	ND	10800	ND	28	10-131	
2,4-Dinitrotoluene	ug/kg	ND	2160	1790J	83	28-130	
2,6-Dinitrotoluene	ug/kg	ND	2160	1800J	83	36-130	
2-Chloronaphthalene	ug/kg	ND	2160	1850J	85	27-130	
2-Chlorophenol	ug/kg	ND	2160	1620J	75	29-130	
2-Methylnaphthalene	ug/kg	ND	2160	1810J	83	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	2160	1160J	53	20-130	
2-Nitroaniline	ug/kg	ND	4330	4260J	98	29-130 IL	
2-Nitrophenol	ug/kg	ND	2160	1910J	88	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2160	1370J	63	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	4330	3360J	77	15-130	
3-Nitroaniline	ug/kg	ND	4330	3420J	79	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	4330	2910J	67	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	2160	1900J	88	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	4330	3300J	76	30-130	
4-Chloroaniline	ug/kg	ND	4330	3070J	71	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	2160	1840J	85	32-130	
4-Nitroaniline	ug/kg	ND	4330	3470J	80	30-130	
4-Nitrophenol	ug/kg	ND	10800	9810J	91	17-130	
Acenaphthene	ug/kg	ND	2160	1940J	90	29-130	
Acenaphthylene	ug/kg	ND	2160	1880J	87	31-130	
Aniline	ug/kg	ND	2160	1260J	58	10-130	
Anthracene	ug/kg	ND	2160	1870J	86	33-130	
Benzo(a)anthracene	ug/kg	ND	2160	1870J	86	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

MATRIX SPIKE SAMPLE: 3218927		92530446001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	2160	1820J	84	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	2160	1980J	91	28-130	
Benzo(k)fluoranthene	ug/kg	ND	2160	1730J	80	31-130	
Benzoic Acid	ug/kg	ND	10800	ND	4	10-130	M1
Benzyl alcohol	ug/kg	ND	4330	3270J	75	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	2160	1780J	82	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	2160	1750J	81	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2160	2030J	94	40-130	
Butylbenzylphthalate	ug/kg	ND	2160	1950J	90	40-130	
Chrysene	ug/kg	ND	2160	1850J	85	30-130	
Di-n-butylphthalate	ug/kg	ND	2160	1870J	86	41-130	
Di-n-octylphthalate	ug/kg	ND	2160	1990J	92	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	2160	1890J	87	27-130	
Dibenzofuran	ug/kg	ND	2160	1910J	88	32-130	
Diethylphthalate	ug/kg	ND	2160	1960J	91	40-130	
Dimethylphthalate	ug/kg	ND	2160	1940J	89	37-130	
Fluoranthene	ug/kg	ND	2160	1810J	83	26-130	
Fluorene	ug/kg	ND	2160	1870J	86	31-130	
Hexachlorobenzene	ug/kg	ND	2160	1780J	82	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	2160	ND	26	10-130	
Hexachloroethane	ug/kg	ND	2160	1860J	86	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2160	1960J	90	28-130	
Isophorone	ug/kg	ND	2160	1880J	87	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	2160	1990J	92	31-130	
N-Nitrosodimethylamine	ug/kg	ND	2160	1790J	82	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	2160	2230	103	32-130	
Nitrobenzene	ug/kg	ND	2160	2030J	94	25-130	v1
Pentachlorophenol	ug/kg	ND	4330	ND	43	10-130	
Phenanthrene	ug/kg	ND	2160	1940J	89	34-130	
Phenol	ug/kg	ND	2160	1580J	73	14-130	
Pyrene	ug/kg	ND	2160	2040J	94	31-130	
Pyridine	ug/kg	ND	2160	1500J	69	10-130	
2,4,6-Tribromophenol (S)	%				71	18-130	
2-Fluorobiphenyl (S)	%				83	19-130	
2-Fluorophenol (S)	%				63	18-130	
Nitrobenzene-d5 (S)	%				92	21-130	D3
Phenol-d6 (S)	%				69	18-130	
Terphenyl-d14 (S)	%				99	15-130	

SAMPLE DUPLICATE: 3218928

Parameter	Units	92530693008 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

SAMPLE DUPLICATE: 3218928

Parameter	Units	92530693008 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	IL
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

SAMPLE DUPLICATE: 3218928

Parameter	Units	92530693008 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30 v1	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	62	66			
2-Fluorobiphenyl (S)	%	57	61			
2-Fluorophenol (S)	%	56	66			
Nitrobenzene-d5 (S)	%	68	78			
Phenol-d6 (S)	%	54	65			
Terphenyl-d14 (S)	%	82	78			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027
 Pace Project No.: 92530693

QC Batch: 611949 Analysis Method: EPA 8270E
 QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693014

METHOD BLANK: 3221114 Matrix: Solid
 Associated Lab Samples: 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/07/21 14:36	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/07/21 14:36	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/07/21 14:36	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/07/21 14:36	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/07/21 14:36	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/07/21 14:36	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/07/21 14:36	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/07/21 14:36	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/07/21 14:36	
2-Chloronaphthalene	ug/kg	ND	326	129	04/07/21 14:36	
2-Chlorophenol	ug/kg	ND	326	122	04/07/21 14:36	
2-Methylnaphthalene	ug/kg	ND	326	130	04/07/21 14:36	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/07/21 14:36	
2-Nitroaniline	ug/kg	ND	1630	266	04/07/21 14:36	
2-Nitrophenol	ug/kg	ND	326	141	04/07/21 14:36	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/07/21 14:36	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/07/21 14:36	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/07/21 14:36	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/07/21 14:36	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/07/21 14:36	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/07/21 14:36	
4-Chloroaniline	ug/kg	ND	651	256	04/07/21 14:36	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/07/21 14:36	
4-Nitroaniline	ug/kg	ND	651	248	04/07/21 14:36	
4-Nitrophenol	ug/kg	ND	1630	630	04/07/21 14:36	
Acenaphthene	ug/kg	ND	326	114	04/07/21 14:36	
Acenaphthylene	ug/kg	ND	326	114	04/07/21 14:36	
Aniline	ug/kg	ND	326	127	04/07/21 14:36	
Anthracene	ug/kg	ND	326	107	04/07/21 14:36	
Benzo(a)anthracene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/07/21 14:36	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/07/21 14:36	
Benzoic Acid	ug/kg	ND	1630	700	04/07/21 14:36	
Benzyl alcohol	ug/kg	ND	651	247	04/07/21 14:36	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/07/21 14:36	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/07/21 14:36	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/07/21 14:36	
Butylbenzylphthalate	ug/kg	ND	326	137	04/07/21 14:36	
Chrysene	ug/kg	ND	326	118	04/07/21 14:36	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

METHOD BLANK: 3221114

Matrix: Solid

Associated Lab Samples: 92530693014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	326	110	04/07/21 14:36	
Di-n-octylphthalate	ug/kg	ND	326	128	04/07/21 14:36	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/07/21 14:36	
Dibenzofuran	ug/kg	ND	326	117	04/07/21 14:36	
Diethylphthalate	ug/kg	ND	326	119	04/07/21 14:36	
Dimethylphthalate	ug/kg	ND	326	118	04/07/21 14:36	
Fluoranthene	ug/kg	ND	326	112	04/07/21 14:36	
Fluorene	ug/kg	ND	326	114	04/07/21 14:36	
Hexachlorobenzene	ug/kg	ND	326	127	04/07/21 14:36	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/07/21 14:36	
Hexachloroethane	ug/kg	ND	326	124	04/07/21 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/07/21 14:36	
Isophorone	ug/kg	ND	326	145	04/07/21 14:36	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/07/21 14:36	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/07/21 14:36	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/07/21 14:36	
Nitrobenzene	ug/kg	ND	326	151	04/07/21 14:36	
Pentachlorophenol	ug/kg	ND	651	319	04/07/21 14:36	
Phenanthrene	ug/kg	ND	326	107	04/07/21 14:36	
Phenol	ug/kg	ND	326	145	04/07/21 14:36	
Pyrene	ug/kg	ND	326	132	04/07/21 14:36	
Pyridine	ug/kg	ND	326	103	04/07/21 14:36	
2,4,6-Tribromophenol (S)	%	89	18-130		04/07/21 14:36	
2-Fluorobiphenyl (S)	%	77	19-130		04/07/21 14:36	
2-Fluorophenol (S)	%	73	18-130		04/07/21 14:36	
Nitrobenzene-d5 (S)	%	79	21-130		04/07/21 14:36	
Phenol-d6 (S)	%	79	18-130		04/07/21 14:36	
Terphenyl-d14 (S)	%	104	15-130		04/07/21 14:36	

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1650	1360	82	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1650	1280	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1650	1360	82	49-130	
2,4,6-Trichlorophenol	ug/kg	1650	1400	85	50-130	
2,4-Dichlorophenol	ug/kg	1650	1380	84	51-130	
2,4-Dimethylphenol	ug/kg	1650	1490	90	53-130	
2,4-Dinitrophenol	ug/kg	8250	6160	75	39-130	
2,4-Dinitrotoluene	ug/kg	1650	1420	86	53-130	
2,6-Dinitrotoluene	ug/kg	1650	1450	88	55-130	
2-Chloronaphthalene	ug/kg	1650	1370	83	48-130	
2-Chlorophenol	ug/kg	1650	1360	82	54-130	
2-Methylnaphthalene	ug/kg	1650	1330	80	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1650	1450	88	50-130	
2-Nitroaniline	ug/kg	3300	2580	78	49-130	
2-Nitrophenol	ug/kg	1650	1440	87	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1420	86	50-130	
3,3'-Dichlorobenzidine	ug/kg	3300	2360	72	47-130	IL
3-Nitroaniline	ug/kg	3300	2300	70	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3300	2780	84	50-142	
4-Bromophenylphenyl ether	ug/kg	1650	1440	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3300	2810	85	52-130	
4-Chloroaniline	ug/kg	3300	2530	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1650	1490	90	53-130	
4-Nitroaniline	ug/kg	3300	2540	77	51-130	
4-Nitrophenol	ug/kg	8250	7240	88	40-130	
Acenaphthene	ug/kg	1650	1390	84	56-130	
Acenaphthylene	ug/kg	1650	1380	84	58-130	
Aniline	ug/kg	1650	1250	76	44-130	
Anthracene	ug/kg	1650	1440	87	60-130	
Benzo(a)anthracene	ug/kg	1650	1500	91	59-130	
Benzo(b)fluoranthene	ug/kg	1650	1540	93	54-130	
Benzo(g,h,i)perylene	ug/kg	1650	1460	89	59-130	
Benzo(k)fluoranthene	ug/kg	1650	1550	94	54-130	
Benzoic Acid	ug/kg	8250	5530	67	19-130	
Benzyl alcohol	ug/kg	3300	2850	86	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1650	1370	83	55-130	
bis(2-Chloroethyl) ether	ug/kg	1650	1440	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1370	83	58-130	
Butylbenzylphthalate	ug/kg	1650	1360	82	46-138	
Chrysene	ug/kg	1650	1500	91	57-130	
Di-n-butylphthalate	ug/kg	1650	1400	85	57-130	
Di-n-octylphthalate	ug/kg	1650	1370	83	57-130	
Dibenz(a,h)anthracene	ug/kg	1650	1480	90	60-130	
Dibenzofuran	ug/kg	1650	1450	88	54-130	
Diethylphthalate	ug/kg	1650	1430	87	55-130	
Dimethylphthalate	ug/kg	1650	1400	85	57-130	
Fluoranthene	ug/kg	1650	1500	91	57-130	
Fluorene	ug/kg	1650	1430	87	56-130	
Hexachlorobenzene	ug/kg	1650	1460	88	53-130	
Hexachlorocyclopentadiene	ug/kg	1650	1140	69	23-130	
Hexachloroethane	ug/kg	1650	1440	87	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1500	91	61-130	
Isophorone	ug/kg	1650	1280	77	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1650	1480	89	52-130	
N-Nitrosodimethylamine	ug/kg	1650	1350	82	45-130	
N-Nitrosodiphenylamine	ug/kg	1650	1410	85	56-130	
Nitrobenzene	ug/kg	1650	1430	87	50-130	
Pentachlorophenol	ug/kg	3300	2730	83	33-130	
Phenanthrene	ug/kg	1650	1470	89	60-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1650	1530	93	54-130	
Pyrene	ug/kg	1650	1480	90	61-130	
Pyridine	ug/kg	1650	1000	61	35-130	
2,4,6-Tribromophenol (S)	%			94	18-130	
2-Fluorobiphenyl (S)	%			79	19-130	
2-Fluorophenol (S)	%			84	18-130	
Nitrobenzene-d5 (S)	%			83	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			103	15-130	

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND			30
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND			30
2,4,5-Trichlorophenol	ug/kg	ND	ND			30
2,4,6-Trichlorophenol	ug/kg	ND	ND			30
2,4-Dichlorophenol	ug/kg	ND	ND			30
2,4-Dimethylphenol	ug/kg	ND	ND			30
2,4-Dinitrophenol	ug/kg	ND	ND			30
2,4-Dinitrotoluene	ug/kg	ND	ND			30
2,6-Dinitrotoluene	ug/kg	ND	ND			30
2-Chloronaphthalene	ug/kg	ND	ND			30
2-Chlorophenol	ug/kg	ND	ND			30
2-Methylnaphthalene	ug/kg	ND	ND			30
2-Methylphenol(o-Cresol)	ug/kg	ND	ND			30
2-Nitroaniline	ug/kg	ND	ND			30
2-Nitrophenol	ug/kg	ND	ND			30
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND			30
3,3'-Dichlorobenzidine	ug/kg	ND	ND			30 IL
3-Nitroaniline	ug/kg	ND	ND			30
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND			30
4-Bromophenylphenyl ether	ug/kg	ND	ND			30
4-Chloro-3-methylphenol	ug/kg	ND	ND			30
4-Chloroaniline	ug/kg	ND	ND			30
4-Chlorophenylphenyl ether	ug/kg	ND	ND			30
4-Nitroaniline	ug/kg	ND	ND			30
4-Nitrophenol	ug/kg	ND	ND			30
Acenaphthene	ug/kg	ND	ND			30
Acenaphthylene	ug/kg	ND	ND			30
Aniline	ug/kg	ND	ND			30
Anthracene	ug/kg	ND	ND			30
Benzo(a)anthracene	ug/kg	ND	ND			30
Benzo(b)fluoranthene	ug/kg	ND	ND			30
Benzo(g,h,i)perylene	ug/kg	ND	ND			30

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	61			
2-Fluorobiphenyl (S)	%	39	43			
2-Fluorophenol (S)	%	53	58			
Nitrobenzene-d5 (S)	%	57	64			
Phenol-d6 (S)	%	55	60			
Terphenyl-d14 (S)	%	43	60			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

QC Batch:	610805	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92530693001, 92530693002, 92530693003, 92530693004, 92530693005, 92530693006, 92530693007, 92530693008, 92530693009, 92530693010, 92530693011, 92530693012, 92530693013, 92530693014

SAMPLE DUPLICATE: 3216434

Parameter	Units	92530693001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	48.3	55.4	14	25	N2

SAMPLE DUPLICATE: 3216435

Parameter	Units	92530220008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	13.4	13.6	1	25	N2

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S0	Surrogate recovery outside laboratory control limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530693001	DA4-SB-10_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693002	DA4-SB-10_SE_5-6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693003	DA4-SB-10A_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693004	DA4-SB-10A_SE_2-2.5_20210330	EPA 3546	611440	EPA 8082A	611663
92530693005	DA4-SB-10B_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693006	DA4-SB-10B_SE_2-2.5_20210330	EPA 3546	611440	EPA 8082A	611663
92530693007	DA4-SB-11_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693008	DA4-SB-11_SE_6-7_20210330	EPA 3546	611440	EPA 8082A	611663
92530693009	DA4-SB-11A_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693010	DA4-SB-11A_SE_2-2.5_20210330	EPA 3546	611440	EPA 8082A	611663
92530693011	DA4-SB-11B_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693012	DA4-SB-11B_SE_2-2.5_20210330	EPA 3546	611440	EPA 8082A	611663
92530693013	DA4-SB-12_SE_0-0.6_20210330	EPA 3546	611440	EPA 8082A	611663
92530693014	DA4-SB-12_SE_4-5_20210330	EPA 3546	611440	EPA 8082A	611663
92530693001	DA4-SB-10_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693002	DA4-SB-10_SE_5-6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693003	DA4-SB-10A_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693004	DA4-SB-10A_SE_2-2.5_20210330	EPA 3546	611344	EPA 8270E	611646
92530693005	DA4-SB-10B_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693006	DA4-SB-10B_SE_2-2.5_20210330	EPA 3546	611344	EPA 8270E	611646
92530693007	DA4-SB-11_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693008	DA4-SB-11_SE_6-7_20210330	EPA 3546	611344	EPA 8270E	611646
92530693009	DA4-SB-11A_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693010	DA4-SB-11A_SE_2-2.5_20210330	EPA 3546	611344	EPA 8270E	611646
92530693011	DA4-SB-11B_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693012	DA4-SB-11B_SE_2-2.5_20210330	EPA 3546	611344	EPA 8270E	611646
92530693013	DA4-SB-12_SE_0-0.6_20210330	EPA 3546	611344	EPA 8270E	611646
92530693014	DA4-SB-12_SE_4-5_20210330	EPA 3546	611344	EPA 8270E	611646
92530693001	DA4-SB-10_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693002	DA4-SB-10_SE_5-6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693003	DA4-SB-10A_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693004	DA4-SB-10A_SE_2-2.5_20210330	EPA 3546	611441	EPA 8270E	611660
92530693005	DA4-SB-10B_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693006	DA4-SB-10B_SE_2-2.5_20210330	EPA 3546	611441	EPA 8270E	611660
92530693007	DA4-SB-11_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693008	DA4-SB-11_SE_6-7_20210330	EPA 3546	611441	EPA 8270E	611660
92530693009	DA4-SB-11A_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693010	DA4-SB-11A_SE_2-2.5_20210330	EPA 3546	611441	EPA 8270E	611660
92530693011	DA4-SB-11B_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693012	DA4-SB-11B_SE_2-2.5_20210330	EPA 3546	611441	EPA 8270E	611660
92530693013	DA4-SB-12_SE_0-0.6_20210330	EPA 3546	611441	EPA 8270E	611660
92530693014	DA4-SB-12_SE_4-5_20210330	EPA 3546	611949	EPA 8270E	612277
92530693015	TRIP BLANK	EPA 8260D	610947		
92530693001	DA4-SB-10_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693002	DA4-SB-10_SE_5-6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693003	DA4-SB-10A_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040027

Pace Project No.: 92530693

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92530693004	DA4-SB-10A_SE_2-2.5_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693005	DA4-SB-10B_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693006	DA4-SB-10B_SE_2-2.5_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693007	DA4-SB-11_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693008	DA4-SB-11_SE_6-7_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693009	DA4-SB-11A_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693010	DA4-SB-11A_SE_2-2.5_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693011	DA4-SB-11B_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693012	DA4-SB-11B_SE_2-2.5_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693013	DA4-SB-12_SE_0-0.6_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693014	DA4-SB-12_SE_4-5_20210330	EPA 5035A/5030B	610874	EPA 8260D	611034
92530693001	DA4-SB-10_SE_0-0.6_20210330	SW-846	610805		
92530693002	DA4-SB-10_SE_5-6_20210330	SW-846	610805		
92530693003	DA4-SB-10A_SE_0-0.6_20210330	SW-846	610805		
92530693004	DA4-SB-10A_SE_2-2.5_20210330	SW-846	610805		
92530693005	DA4-SB-10B_SE_0-0.6_20210330	SW-846	610805		
92530693006	DA4-SB-10B_SE_2-2.5_20210330	SW-846	610805		
92530693007	DA4-SB-11_SE_0-0.6_20210330	SW-846	610805		
92530693008	DA4-SB-11_SE_6-7_20210330	SW-846	610805		
92530693009	DA4-SB-11A_SE_0-0.6_20210330	SW-846	610805		
92530693010	DA4-SB-11A_SE_2-2.5_20210330	SW-846	610805		
92530693011	DA4-SB-11B_SE_0-0.6_20210330	SW-846	610805		
92530693012	DA4-SB-11B_SE_2-2.5_20210330	SW-846	610805		
92530693013	DA4-SB-12_SE_0-0.6_20210330	SW-846	610805		
92530693014	DA4-SB-12_SE_4-5_20210330	SW-846	610805		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 1 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name:
Synterra

Project #: **WO# : 92530693**



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 4/1/21 JD

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 927004 Type of Ice: Wet Blue None

Cooler Temp: 3.7, 4.4 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.7, 4.4

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		9.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		10.
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____ Page 107 of 111



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92530693

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

PM: KLH1 Due Date: 04/07/21

**Bottom half of box is to list number of bottles

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
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7	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92530693

PM: KLH1

Due Date: 04/07/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

2

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	
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6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synterra Address: 148 River Street Suite 220 Greenville, SC 29601 Email To: kking@synterracorp.com Requested Due Date: Standard TAT

Section B Required Project Information: Report To: Tom King Copy To: Heather Smith Purchase Order #: Former Bramlette MGP Project Name: Project Number: 00 2731 00 04

Section C Invoice Information: Attention: Company Name: Address: Pace Project Manager: Kevin Herring Pace Profile #: 7754

Regulatory Agency: SC State / Location: SC

Page: 1 Of 2

ITEM #	SAMPLE ID (AZ, 0-9, -,) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Sew/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Y/N	Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)	SAMPLER NAME AND SIGNATURE		SAMPLER NAME AND SIGNATURE		SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)				
						START DATE	START TIME			END DATE	END TIME	H2SO4	HNO3	HCl	NaOH	Na2S2O3			Methanol	Other		8260	8270 & 8270 LV	8082	Trip Blank	RELINQUISHED BY / AFFILIATION	DATE					TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
1	DAA-SB-10_SE_0-0.6_20210330			SL C	C	3/30/2021	0845									X	X	X																	
2	DAA-SB-10_SE_5-6_20210330			SL C	C	3/30/2021	0900									X	X	X																	
3	DAA-SB-10A_SE_0-0.6_20210330			SL C	C	3/30/2021	1030									X	X	X																	
4	DAA-SB-10A_SE_2-2.5_20210330			SL C	C	3/30/2021	1045									X	X	X																	
5	DAA-SB-10B_SE_0-0.6_20210330			SL C	C	3/30/2021	0945									X	X	X																	
6	DAA-SB-10B_SE_2-2.5_20210330			SL C	C	3/30/2021	1000									X	X	X																	
7	DAA-SB-11_SE_0-0.6_20210330			SL C	C	3/30/2021	1120									X	X	X																	
8	DAA-SB-11_SE_6-7_20210330			SL C	C	3/30/2021	1330									X	X	X																	
9	DAA-SB-11A_SE_0-0.6_20210330			SL C	C	3/30/2021	1140									X	X	X																	
10	DAA-SB-11A_SE_2-2.5_20210330			SL C	C	3/30/2021	1430									X	X	X																	
11	DAA-SB-11B_SE_0-0.6_20210330			SL C	C	3/30/2021	1130									X	X	X																	
12	DAA-SB-11B_SE_2-2.5_20210330			SL C	C	3/30/2021	1400									X	X	X																	

RELINQUISHED BY / AFFILIATION: Tom King / Synterra
ACCEPTED BY / AFFILIATION: Tom King / Synterra

SAMPLER NAME AND SIGNATURE: Tom King
DATE SIGNED: 3/31/21

ADDITIONAL COMMENTS: A. Number/PACE/AVL 3-31-21 1830
TO PACE THU 4/1/21 8:00 3:4 4.4

Ca, Mg, Fe, Mn + Hardness

TEMP in C: 4.4

Received on Ice (Y/N): Y

Custody Sealed Cooler (Y/N): Y

Samples Intact (Y/N): Y

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:
 Company: Synterra
 Address: 148 River Street
 Suite 220, Greenville, SC 29601
 Email To: [king@synterracorp.com]
 Phone: _____ Fax: _____
 Requested Due Date: STANDARD TAT

Section B
Required Project Information:
 Report To: Tom King
 Copy To: Heather Smith
 Purchase Order #: _____
 Project Name: Former Bramlette MGP
 Project Number: 00.2731.00.04

Section C
Invoice Information:
 Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: Kevin Herring
 Pace Profile #: 7754

Page : 2 Of 2

ITEM #	SAMPLE ID One Character per box: (A-Z, 0-9, -,) Sample IDs must be unique	MATRIX Drinking Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WW SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)							
						START		END				Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					Other	8260	8270	8082	TIRP BLANK		
						DATE	TIME	DATE	TIME																				
1	DA4-SB-12_SE_0-0-6_20210330			SL C	C	3/30/2021	1515	--	--		5																		
2	DA4-SB-12_SE_4-5_20210330			SL C	C	3/30/2021	1530	--	--		5																		
3	TRIP BLANK			WT G							2																		
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Tom King / Synterra	3/30/21	1700	Synterra Cold Storage	3/30/21	1700
Synterra Cold Storage	3/3/21	1100	Tom King / Synterra	3/31/21	1100
Tom King / Synterra	3/31/21	1208	Ar Nuclear / PALE FAV	3/31/21	1208
Ar Nuclear / PALE FAV	3-31-21	1350	Ar Nuclear / PALE FAV	3-31-21	1350

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King	DATE Signed: 3/31/21
SIGNATURE of SAMPLER: [Signature]	

Ar Nuclear / PALE FAV 3-31-21 1830 To Pac NW 4/11/21 0800 3.7 4.4 Y NY

April 09, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531093001	DA4-SB-1 (0-0.6)	Solid	04/01/21 09:00	04/02/21 09:40
92531093002	DA4-SB-1 (2-2.5)	Solid	04/01/21 09:20	04/02/21 09:40
92531093003	DA4-SB-1A (0-0.6)	Solid	04/01/21 10:30	04/02/21 09:40
92531093004	DA4-SB-1A (2-2.5)	Solid	04/01/21 10:45	04/02/21 09:40
92531093005	DA4-SB-1B (0-0.6)	Solid	04/01/21 09:40	04/02/21 09:40
92531093006	DA4-SB-1B (2-2.5)	Solid	04/01/21 10:00	04/02/21 09:40
92531093007	DA4-SB-2 (0-0.6)	Solid	04/01/21 11:15	04/02/21 09:40
92531093008	DA4-SB-2 (2-2.5)	Solid	04/01/21 11:30	04/02/21 09:40
92531093009	DA4-SB-3 (0-0.6)	Solid	04/01/21 13:15	04/02/21 09:40
92531093010	DA4-SB-3 (4-5)	Solid	04/01/21 13:30	04/02/21 09:40
92531093011	DA4-SB-3A (0-0.6)	Solid	04/01/21 14:20	04/02/21 09:40
92531093012	DA4-SB-3A (2-2.5)	Solid	04/01/21 14:40	04/02/21 09:40
92531093013	DA4-SB-3B (0-0.6)	Solid	04/01/21 13:45	04/02/21 09:40
92531093014	DA4-SB-3B (2-2.5)	Solid	04/01/21 14:05	04/02/21 09:40
92531093015	TRIP BLANK	Water	04/02/21 00:00	04/02/21 09:40
92531093016	EB-2	Water	04/01/21 14:30	04/02/21 09:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531093001	DA4-SB-1 (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093002	DA4-SB-1 (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093003	DA4-SB-1A (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093004	DA4-SB-1A (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093005	DA4-SB-1B (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093006	DA4-SB-1B (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093007	DA4-SB-2 (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093008	DA4-SB-2 (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531093009	DA4-SB-3 (0-0.6)	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
92531093010	DA4-SB-3 (4-5)	EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
92531093011	DA4-SB-3A (0-0.6)	SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531093012	DA4-SB-3A (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
92531093013	DA4-SB-3B (0-0.6)	EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
92531093014	DA4-SB-3B (2-2.5)	EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
92531093015	TRIP BLANK	EPA 8260D	SAS	62	PASI-C
92531093016	EB-2	EPA 8270E	PKS	67	PASI-C
		EPA 8260D	SAS	62	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531093001	DA4-SB-1 (0-0.6)					
EPA 8270E	Benzo(a)pyrene	143	ug/kg	16.5	04/08/21 07:12	
EPA 8260D	Acetone	142J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Benzene	6.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	2-Butanone (MEK)	60.6J	ug/kg	226	04/05/21 20:58	
EPA 8260D	Ethylbenzene	22.0	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Isopropylbenzene (Cumene)	6.5J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	p-Isopropyltoluene	6.3J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Naphthalene	244	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	n-Propylbenzene	7.0J	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Toluene	27.1	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,2,4-Trimethylbenzene	32.8	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	1,3,5-Trimethylbenzene	13.3	ug/kg	11.3	04/05/21 20:58	
EPA 8260D	Xylene (Total)	79.4	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	m&p-Xylene	50.0	ug/kg	22.6	04/05/21 20:58	
EPA 8260D	o-Xylene	29.3	ug/kg	11.3	04/05/21 20:58	
SW-846	Percent Moisture	39.0	%	0.10	04/05/21 13:07	N2
92531093002	DA4-SB-1 (2-2.5)					
EPA 8270E	Benzo(a)pyrene	2.7J	ug/kg	14.5	04/08/21 07:32	
SW-846	Percent Moisture	30.5	%	0.10	04/05/21 13:07	N2
92531093003	DA4-SB-1A (0-0.6)					
EPA 8270E	Benzo(a)pyrene	2400	ug/kg	76.4	04/08/21 13:57	
EPA 8270E	Anthracene	3800J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(a)anthracene	9800	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(b)fluoranthene	10400	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(g,h,i)perylene	5300	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Benzo(k)fluoranthene	3880J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Chrysene	8500	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Fluoranthene	24700	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4860J	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Phenanthrene	12100	ug/kg	4920	04/07/21 20:14	
EPA 8270E	Pyrene	20500	ug/kg	4920	04/07/21 20:14	
EPA 8260D	Ethylbenzene	5.0J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Naphthalene	25.5	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Toluene	9.1J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	1,2,4-Trimethylbenzene	6.6J	ug/kg	9.8	04/05/21 21:34	
EPA 8260D	Xylene (Total)	20.0	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	m&p-Xylene	12.5J	ug/kg	19.5	04/05/21 21:34	
EPA 8260D	o-Xylene	7.5J	ug/kg	9.8	04/05/21 21:34	
SW-846	Percent Moisture	33.9	%	0.10	04/05/21 13:07	N2
92531093004	DA4-SB-1A (2-2.5)					
EPA 8270E	Benzo(a)pyrene	34.5	ug/kg	15.6	04/08/21 08:12	
EPA 8270E	Anthracene	174J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(a)anthracene	230J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Benzo(b)fluoranthene	200J	ug/kg	516	04/07/21 17:07	
EPA 8270E	Fluoranthene	617	ug/kg	516	04/07/21 17:07	
EPA 8270E	Phenanthrene	667	ug/kg	516	04/07/21 17:07	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093004	DA4-SB-1A (2-2.5)					
EPA 8270E	Pyrene	509J	ug/kg	516	04/07/21 17:07	
SW-846	Percent Moisture	35.4	%	0.10	04/05/21 13:07	N2
92531093005	DA4-SB-1B (0-0.6)					
EPA 8270E	Benzo(a)pyrene	18.7	ug/kg	15.2	04/08/21 08:33	
EPA 8260D	Naphthalene	9.2J	ug/kg	10	04/05/21 22:10	
SW-846	Percent Moisture	33.5	%	0.10	04/05/21 13:07	N2
92531093006	DA4-SB-1B (2-2.5)					
EPA 8270E	Benzo(a)pyrene	9.3J	ug/kg	14.7	04/08/21 08:53	
EPA 8260D	Acetone	88.0J	ug/kg	222	04/05/21 22:28	
EPA 8260D	Toluene	10.9J	ug/kg	11.1	04/05/21 22:28	
SW-846	Percent Moisture	31.1	%	0.10	04/05/21 13:19	N2
92531093007	DA4-SB-2 (0-0.6)					
EPA 8082A	PCB-1260 (Aroclor 1260)	279J	ug/kg	339	04/07/21 20:53	
EPA 8270E	Benzo(a)pyrene	266	ug/kg	20.8	04/08/21 09:13	
EPA 8270E	Benzo(a)anthracene	408J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Benzo(b)fluoranthene	484J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Chrysene	321J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Fluoranthene	608J	ug/kg	685	04/07/21 18:38	
EPA 8270E	Pyrene	539J	ug/kg	685	04/07/21 18:38	
EPA 8260D	Acetone	143J	ug/kg	327	04/05/21 22:46	
EPA 8260D	Ethylbenzene	13.3J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	p-Isopropyltoluene	8.9J	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Naphthalene	171	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Toluene	42.8	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	1,2,4-Trimethylbenzene	18.6	ug/kg	16.3	04/05/21 22:46	
EPA 8260D	Xylene (Total)	52.7	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	m&p-Xylene	34.6	ug/kg	32.7	04/05/21 22:46	
EPA 8260D	o-Xylene	18.2	ug/kg	16.3	04/05/21 22:46	
SW-846	Percent Moisture	51.4	%	0.10	04/05/21 13:19	N2
92531093008	DA4-SB-2 (2-2.5)					
EPA 8270E	Benzo(a)pyrene	23.8	ug/kg	13.7	04/08/21 09:33	
EPA 8260D	Naphthalene	9.5	ug/kg	7.4	04/05/21 23:04	
EPA 8260D	Toluene	3.8J	ug/kg	7.4	04/05/21 23:04	
SW-846	Percent Moisture	26.0	%	0.10	04/05/21 13:19	N2
92531093009	DA4-SB-3 (0-0.6)					
EPA 8270E	Benzo(a)pyrene	536	ug/kg	28.2	04/08/21 09:54	
EPA 8270E	Anthracene	309J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(a)anthracene	1030	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(b)fluoranthene	1150	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(g,h,i)perylene	511J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Benzo(k)fluoranthene	512J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Chrysene	945	ug/kg	935	04/07/21 19:39	
EPA 8270E	Fluoranthene	2010	ug/kg	935	04/07/21 19:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	504J	ug/kg	935	04/07/21 19:39	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531093009	DA4-SB-3 (0-0.6)					
EPA 8270E	Phenanthrene	572J	ug/kg	935	04/07/21 19:39	
EPA 8270E	Pyrene	1770	ug/kg	935	04/07/21 19:39	
EPA 8260D	Acetone	586J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Benzene	174	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	2-Butanone (MEK)	278J	ug/kg	660	04/05/21 23:22	
EPA 8260D	Ethylbenzene	70.3	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Isopropylbenzene (Cumene)	20.6J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	p-Isopropyltoluene	37.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Naphthalene	3350	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	n-Propylbenzene	19.0J	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Toluene	391	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,2,4-Trimethylbenzene	109	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	1,3,5-Trimethylbenzene	53.6	ug/kg	33.0	04/05/21 23:22	
EPA 8260D	Xylene (Total)	454	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	m&p-Xylene	347	ug/kg	66.0	04/05/21 23:22	
EPA 8260D	o-Xylene	107	ug/kg	33.0	04/05/21 23:22	
SW-846	Percent Moisture	64.2	%	0.10	04/05/21 13:19	N2
92531093010	DA4-SB-3 (4-5)					
EPA 8270E	Benzo(a)pyrene	48.9	ug/kg	15.1	04/08/21 10:14	
EPA 8270E	Fluoranthene	262J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Phenanthrene	174J	ug/kg	499	04/07/21 20:09	
EPA 8270E	Pyrene	229J	ug/kg	499	04/07/21 20:09	
EPA 8260D	Isopropylbenzene (Cumene)	7.1J	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Naphthalene	250	ug/kg	9.9	04/05/21 23:40	
EPA 8260D	Xylene (Total)	6.9J	ug/kg	19.8	04/05/21 23:40	
EPA 8260D	m&p-Xylene	6.9J	ug/kg	19.8	04/05/21 23:40	
SW-846	Percent Moisture	33.0	%	0.10	04/05/21 13:19	N2
92531093011	DA4-SB-3A (0-0.6)					
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	14.3	04/08/21 10:34	
SW-846	Percent Moisture	31.2	%	0.10	04/05/21 13:19	N2
92531093012	DA4-SB-3A (2-2.5)					
EPA 8270E	Benzo(a)pyrene	50.7	ug/kg	15.7	04/08/21 10:55	
SW-846	Percent Moisture	35.6	%	0.10	04/05/21 13:19	N2
92531093013	DA4-SB-3B (0-0.6)					
EPA 8270E	Benzo(a)pyrene	862	ug/kg	16.7	04/08/21 11:15	
EPA 8270E	Benzo(a)anthracene	546J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(b)fluoranthene	633	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(g,h,i)perylene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Benzo(k)fluoranthene	287J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Chrysene	518J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Fluoranthene	907	ug/kg	550	04/07/21 21:39	
EPA 8270E	Indeno(1,2,3-cd)pyrene	264J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Phenanthrene	301J	ug/kg	550	04/07/21 21:39	
EPA 8270E	Pyrene	808	ug/kg	550	04/07/21 21:39	
EPA 8260D	Acetone	119J	ug/kg	256	04/06/21 00:34	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531093013	DA4-SB-3B (0-0.6)					
EPA 8260D	Benzene	7.2J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Ethylbenzene	10.6J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	p-Isopropyltoluene	7.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Naphthalene	140	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Toluene	28.3	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,2,4-Trimethylbenzene	17.2	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	1,3,5-Trimethylbenzene	5.7J	ug/kg	12.8	04/06/21 00:34	
EPA 8260D	Xylene (Total)	55.1	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	m&p-Xylene	36.3	ug/kg	25.6	04/06/21 00:34	
EPA 8260D	o-Xylene	18.8	ug/kg	12.8	04/06/21 00:34	
SW-846	Percent Moisture	40.4	%	0.10	04/05/21 13:19	N2
92531093014	DA4-SB-3B (2-2.5)					
EPA 8270E	Benzo(a)pyrene	777	ug/kg	15.9	04/08/21 11:35	
EPA 8270E	Anthracene	293J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(a)anthracene	764	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(b)fluoranthene	803	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(g,h,i)perylene	353J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Benzo(k)fluoranthene	294J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Chrysene	693	ug/kg	517	04/07/21 22:09	
EPA 8270E	Fluoranthene	1570	ug/kg	517	04/07/21 22:09	
EPA 8270E	Indeno(1,2,3-cd)pyrene	337J	ug/kg	517	04/07/21 22:09	
EPA 8270E	Phenanthrene	557	ug/kg	517	04/07/21 22:09	
EPA 8270E	Pyrene	1290	ug/kg	517	04/07/21 22:09	
EPA 8260D	Naphthalene	13.1	ug/kg	7.2	04/06/21 01:11	
SW-846	Percent Moisture	36.2	%	0.10	04/05/21 13:20	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: EPA 8082A
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 09, 2021

General Information:

14 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-2 (0-0.6) (Lab ID: 92531093007)
 - Decachlorobiphenyl (S)
- DA4-SB-3 (0-0.6) (Lab ID: 92531093009)
 - Decachlorobiphenyl (S)
- DA4-SB-3B (0-0.6) (Lab ID: 92531093013)
 - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: April 09, 2021

Analyte Comments:

QC Batch: 611971

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
 - Decachlorobiphenyl (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 09, 2021

General Information:

1 sample was analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 611696

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3219929)
- 2-Nitrophenol

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 611696

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912007

R1: RPD value was outside control limits.

- MSD (Lab ID: 3219931)
- 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 09, 2021

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 09, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: EPA 8270E
Description: 8270E MSSV Microwave
Client: Duke Energy
Date: April 09, 2021

General Information:

14 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611949

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
 - 2,2'-Oxybis(1-chloropropane)
 - Nitrobenzene

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 611949

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
 - 2,4,6-Tribromophenol (S)
 - 2-Fluorobiphenyl (S)
 - 2-Fluorophenol (S)
 - Nitrobenzene-d5 (S)
 - Phenol-d6 (S)
 - Terphenyl-d14 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 09, 2021

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 611949

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-1A (0-0.6) (Lab ID: 92531093003)
- Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 09, 2021

General Information:

2 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611379

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3218751)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- EB-2 (Lab ID: 92531093016)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- LCS (Lab ID: 3218752)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MS (Lab ID: 3218753)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MSD (Lab ID: 3218754)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531093015)
 - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 09, 2021

QC Batch: 611379

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 611379

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531049002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3218753)
 - 1,1,1,2-Tetrachloroethane
 - Benzene

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 09, 2021

General Information:

14 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611477

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- DA4-SB-3B (2-2.5) (Lab ID: 92531093014)
 - Bromomethane
 - Ethylbenzene
- MS (Lab ID: 3219025)
 - Bromomethane
 - Ethylbenzene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 09, 2021

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	54.1	19.8	1	04/07/21 12:56	04/07/21 17:04	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	54.1	20.9	1	04/07/21 12:56	04/07/21 17:04	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	54.1	19.0	1	04/07/21 12:56	04/07/21 17:04	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	54.1	13.5	1	04/07/21 12:56	04/07/21 17:04	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	54.1	10.2	1	04/07/21 12:56	04/07/21 17:04	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	54.1	12.9	1	04/07/21 12:56	04/07/21 17:04	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	71	%	10-160		1	04/07/21 12:56	04/07/21 17:04	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	143	ug/kg	16.5	1.7	1	04/07/21 12:58	04/08/21 07:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:12	321-60-8	
Nitrobenzene-d5 (S)	84	%	32-130		1	04/07/21 12:58	04/08/21 07:12	4165-60-0	
Terphenyl-d14 (S)	96	%	24-130		1	04/07/21 12:58	04/08/21 07:12	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/07/21 13:00	04/07/21 16:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/07/21 13:00	04/07/21 16:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/07/21 13:00	04/07/21 16:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/07/21 13:00	04/07/21 16:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/07/21 13:00	04/07/21 16:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/07/21 13:00	04/07/21 16:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/07/21 13:00	04/07/21 16:07	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/07/21 13:00	04/07/21 16:07	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/07/21 13:00	04/07/21 16:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/07/21 13:00	04/07/21 16:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) **Lab ID: 92531093001** Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/07/21 13:00	04/07/21 16:07	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/07/21 13:00	04/07/21 16:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/07/21 13:00	04/07/21 16:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/07/21 13:00	04/07/21 16:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/07/21 13:00	04/07/21 16:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/07/21 13:00	04/07/21 16:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/07/21 13:00	04/07/21 16:07	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/07/21 13:00	04/07/21 16:07	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/07/21 13:00	04/07/21 16:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/07/21 13:00	04/07/21 16:07	77-47-4	
Hexachloroethane	ND	ug/kg	545	208	1	04/07/21 13:00	04/07/21 16:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/07/21 13:00	04/07/21 16:07	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/07/21 13:00	04/07/21 16:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/07/21 13:00	04/07/21 16:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/07/21 13:00	04/07/21 16:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/07/21 13:00	04/07/21 16:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/07/21 13:00	04/07/21 16:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/07/21 13:00	04/07/21 16:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/07/21 13:00	04/07/21 16:07	100-01-6	
Nitrobenzene	ND	ug/kg	545	253	1	04/07/21 13:00	04/07/21 16:07	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/07/21 13:00	04/07/21 16:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/07/21 13:00	04/07/21 16:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/07/21 13:00	04/07/21 16:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/07/21 13:00	04/07/21 16:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/07/21 13:00	04/07/21 16:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/07/21 13:00	04/07/21 16:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/07/21 13:00	04/07/21 16:07	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/07/21 13:00	04/07/21 16:07	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/07/21 13:00	04/07/21 16:07	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/07/21 13:00	04/07/21 16:07	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/07/21 13:00	04/07/21 16:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/07/21 13:00	04/07/21 16:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/07/21 13:00	04/07/21 16:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 16:07	4165-60-0	
2-Fluorobiphenyl (S)	33	%	19-130		1	04/07/21 13:00	04/07/21 16:07	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	04/07/21 13:00	04/07/21 16:07	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 16:07	13127-88-3	
2-Fluorophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) Lab ID: 92531093001 Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 16:07	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	142J	ug/kg	226	72.6	1	04/05/21 14:44	04/05/21 20:58	67-64-1	
Benzene	6.0J	ug/kg	11.3	4.5	1	04/05/21 14:44	04/05/21 20:58	71-43-2	
Bromobenzene	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	108-86-1	
Bromochloromethane	ND	ug/kg	11.3	3.3	1	04/05/21 14:44	04/05/21 20:58	74-97-5	
Bromodichloromethane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	75-27-4	
Bromoform	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	75-25-2	
Bromomethane	ND	ug/kg	22.6	17.9	1	04/05/21 14:44	04/05/21 20:58	74-83-9	
2-Butanone (MEK)	60.6J	ug/kg	226	54.3	1	04/05/21 14:44	04/05/21 20:58	78-93-3	
n-Butylbenzene	ND	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	56-23-5	
Chlorobenzene	ND	ug/kg	11.3	2.2	1	04/05/21 14:44	04/05/21 20:58	108-90-7	
Chloroethane	ND	ug/kg	22.6	8.7	1	04/05/21 14:44	04/05/21 20:58	75-00-3	
Chloroform	ND	ug/kg	11.3	6.9	1	04/05/21 14:44	04/05/21 20:58	67-66-3	
Chloromethane	ND	ug/kg	22.6	9.5	1	04/05/21 14:44	04/05/21 20:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.3	2.0	1	04/05/21 14:44	04/05/21 20:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.3	4.4	1	04/05/21 14:44	04/05/21 20:58	96-12-8	
Dibromochloromethane	ND	ug/kg	11.3	6.4	1	04/05/21 14:44	04/05/21 20:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	106-93-4	
Dibromomethane	ND	ug/kg	11.3	2.4	1	04/05/21 14:44	04/05/21 20:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.3	4.1	1	04/05/21 14:44	04/05/21 20:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.6	4.9	1	04/05/21 14:44	04/05/21 20:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.3	7.5	1	04/05/21 14:44	04/05/21 20:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.3	4.7	1	04/05/21 14:44	04/05/21 20:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.3	3.4	1	04/05/21 14:44	04/05/21 20:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.3	3.5	1	04/05/21 14:44	04/05/21 20:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.3	3.7	1	04/05/21 14:44	04/05/21 20:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.3	5.4	1	04/05/21 14:44	04/05/21 20:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.3	3.9	1	04/05/21 14:44	04/05/21 20:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	108-20-3	
Ethylbenzene	22.0	ug/kg	11.3	5.3	1	04/05/21 14:44	04/05/21 20:58	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (0-0.6) Lab ID: 92531093001 Collected: 04/01/21 09:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	22.6	18.5	1	04/05/21 14:44	04/05/21 20:58	87-68-3	
2-Hexanone	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	591-78-6	
Isopropylbenzene (Cumene)	6.5J	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	98-82-8	
p-Isopropyltoluene	6.3J	ug/kg	11.3	5.6	1	04/05/21 14:44	04/05/21 20:58	99-87-6	
Methylene Chloride	ND	ug/kg	45.3	31.0	1	04/05/21 14:44	04/05/21 20:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	113	10.9	1	04/05/21 14:44	04/05/21 20:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.3	4.2	1	04/05/21 14:44	04/05/21 20:58	1634-04-4	
Naphthalene	244	ug/kg	11.3	6.0	1	04/05/21 14:44	04/05/21 20:58	91-20-3	
n-Propylbenzene	7.0J	ug/kg	11.3	4.0	1	04/05/21 14:44	04/05/21 20:58	103-65-1	
Styrene	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.3	4.3	1	04/05/21 14:44	04/05/21 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.3	3.0	1	04/05/21 14:44	04/05/21 20:58	79-34-5	
Tetrachloroethene	ND	ug/kg	11.3	3.6	1	04/05/21 14:44	04/05/21 20:58	127-18-4	
Toluene	27.1	ug/kg	11.3	3.2	1	04/05/21 14:44	04/05/21 20:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.3	9.1	1	04/05/21 14:44	04/05/21 20:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.3	9.5	1	04/05/21 14:44	04/05/21 20:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.3	5.9	1	04/05/21 14:44	04/05/21 20:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	79-00-5	
Trichloroethene	ND	ug/kg	11.3	2.9	1	04/05/21 14:44	04/05/21 20:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.3	6.2	1	04/05/21 14:44	04/05/21 20:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.3	5.7	1	04/05/21 14:44	04/05/21 20:58	96-18-4	
1,2,4-Trimethylbenzene	32.8	ug/kg	11.3	3.1	1	04/05/21 14:44	04/05/21 20:58	95-63-6	
1,3,5-Trimethylbenzene	13.3	ug/kg	11.3	3.8	1	04/05/21 14:44	04/05/21 20:58	108-67-8	
Vinyl acetate	ND	ug/kg	113	8.2	1	04/05/21 14:44	04/05/21 20:58	108-05-4	
Vinyl chloride	ND	ug/kg	22.6	5.7	1	04/05/21 14:44	04/05/21 20:58	75-01-4	
Xylene (Total)	79.4	ug/kg	22.6	6.4	1	04/05/21 14:44	04/05/21 20:58	1330-20-7	
m&p-Xylene	50.0	ug/kg	22.6	7.7	1	04/05/21 14:44	04/05/21 20:58	179601-23-1	
o-Xylene	29.3	ug/kg	11.3	5.0	1	04/05/21 14:44	04/05/21 20:58	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/05/21 14:44	04/05/21 20:58	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 20:58	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 20:58	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	39.0	%	0.10	0.10	1		04/05/21 13:07		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	47.5	17.4	1	04/07/21 12:56	04/07/21 17:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	47.5	18.3	1	04/07/21 12:56	04/07/21 17:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	47.5	16.6	1	04/07/21 12:56	04/07/21 17:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	47.5	9.0	1	04/07/21 12:56	04/07/21 17:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	47.5	11.9	1	04/07/21 12:56	04/07/21 17:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	47.5	8.9	1	04/07/21 12:56	04/07/21 17:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	47.5	11.4	1	04/07/21 12:56	04/07/21 17:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	68	%	10-160		1	04/07/21 12:56	04/07/21 17:33	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	2.7J	ug/kg	14.5	1.5	1	04/07/21 12:58	04/08/21 07:32	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	61	%	31-130		1	04/07/21 12:58	04/08/21 07:32	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/07/21 12:58	04/08/21 07:32	4165-60-0	
Terphenyl-d14 (S)	56	%	24-130		1	04/07/21 12:58	04/08/21 07:32	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	83-32-9	
Acenaphthylene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	208-96-8	
Aniline	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	62-53-3	
Anthracene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	120-12-7	
Benzo(a)anthracene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	472	157	1	04/07/21 13:00	04/07/21 16:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 16:37	65-85-0	
Benzyl alcohol	ND	ug/kg	943	357	1	04/07/21 13:00	04/07/21 16:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	101-55-3	
Butylbenzylphthalate	ND	ug/kg	472	199	1	04/07/21 13:00	04/07/21 16:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	943	332	1	04/07/21 13:00	04/07/21 16:37	59-50-7	
4-Chloroaniline	ND	ug/kg	943	370	1	04/07/21 13:00	04/07/21 16:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	111-44-4	
2-Chloronaphthalene	ND	ug/kg	472	187	1	04/07/21 13:00	04/07/21 16:37	91-58-7	
2-Chlorophenol	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	472	176	1	04/07/21 13:00	04/07/21 16:37	7005-72-3	
Chrysene	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	53-70-3	
Dibenzofuran	ND	ug/kg	472	170	1	04/07/21 13:00	04/07/21 16:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	943	319	1	04/07/21 13:00	04/07/21 16:37	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	472	196	1	04/07/21 13:00	04/07/21 16:37	105-67-9	
Dimethylphthalate	ND	ug/kg	472	172	1	04/07/21 13:00	04/07/21 16:37	131-11-3	
Di-n-butylphthalate	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	943	440	1	04/07/21 13:00	04/07/21 16:37	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 16:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	472	182	1	04/07/21 13:00	04/07/21 16:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	472	173	1	04/07/21 13:00	04/07/21 16:37	606-20-2	
Di-n-octylphthalate	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	472	183	1	04/07/21 13:00	04/07/21 16:37	117-81-7	
Fluoranthene	ND	ug/kg	472	162	1	04/07/21 13:00	04/07/21 16:37	206-44-0	
Fluorene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	86-73-7	
Hexachlorobenzene	ND	ug/kg	472	184	1	04/07/21 13:00	04/07/21 16:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	472	270	1	04/07/21 13:00	04/07/21 16:37	77-47-4	
Hexachloroethane	ND	ug/kg	472	180	1	04/07/21 13:00	04/07/21 16:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	472	186	1	04/07/21 13:00	04/07/21 16:37	193-39-5	
Isophorone	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	78-59-1	
1-Methylnaphthalene	ND	ug/kg	472	166	1	04/07/21 13:00	04/07/21 16:37	90-12-0	
2-Methylnaphthalene	ND	ug/kg	472	189	1	04/07/21 13:00	04/07/21 16:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	472	193	1	04/07/21 13:00	04/07/21 16:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	472	190	1	04/07/21 13:00	04/07/21 16:37	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	386	1	04/07/21 13:00	04/07/21 16:37	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 16:37	99-09-2	
4-Nitroaniline	ND	ug/kg	943	359	1	04/07/21 13:00	04/07/21 16:37	100-01-6	
Nitrobenzene	ND	ug/kg	472	219	1	04/07/21 13:00	04/07/21 16:37	98-95-3	
2-Nitrophenol	ND	ug/kg	472	204	1	04/07/21 13:00	04/07/21 16:37	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	912	1	04/07/21 13:00	04/07/21 16:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	472	159	1	04/07/21 13:00	04/07/21 16:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	472	177	1	04/07/21 13:00	04/07/21 16:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	472	167	1	04/07/21 13:00	04/07/21 16:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	472	224	1	04/07/21 13:00	04/07/21 16:37	108-60-1	
Pentachlorophenol	ND	ug/kg	943	462	1	04/07/21 13:00	04/07/21 16:37	87-86-5	
Phenanthrene	ND	ug/kg	472	154	1	04/07/21 13:00	04/07/21 16:37	85-01-8	
Phenol	ND	ug/kg	472	210	1	04/07/21 13:00	04/07/21 16:37	108-95-2	
Pyrene	ND	ug/kg	472	192	1	04/07/21 13:00	04/07/21 16:37	129-00-0	
Pyridine	ND	ug/kg	472	149	1	04/07/21 13:00	04/07/21 16:37	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	472	216	1	04/07/21 13:00	04/07/21 16:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	472	194	1	04/07/21 13:00	04/07/21 16:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	04/07/21 13:00	04/07/21 16:37	4165-60-0	
2-Fluorobiphenyl (S)	52	%	19-130		1	04/07/21 13:00	04/07/21 16:37	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/07/21 13:00	04/07/21 16:37	1718-51-0	
Phenol-d6 (S)	73	%	18-130		1	04/07/21 13:00	04/07/21 16:37	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/07/21 13:00	04/07/21 16:37	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	68	%	18-130		1	04/07/21 13:00	04/07/21 16:37	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	173	55.6	1	04/05/21 14:44	04/05/21 21:16	67-64-1	
Benzene	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	75-25-2	
Bromomethane	ND	ug/kg	17.3	13.7	1	04/05/21 14:44	04/05/21 21:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	173	41.6	1	04/05/21 14:44	04/05/21 21:16	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	04/05/21 14:44	04/05/21 21:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	04/05/21 14:44	04/05/21 21:16	108-90-7	
Chloroethane	ND	ug/kg	17.3	6.7	1	04/05/21 14:44	04/05/21 21:16	75-00-3	
Chloroform	ND	ug/kg	8.7	5.3	1	04/05/21 14:44	04/05/21 21:16	67-66-3	
Chloromethane	ND	ug/kg	17.3	7.3	1	04/05/21 14:44	04/05/21 21:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	04/05/21 14:44	04/05/21 21:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	04/05/21 14:44	04/05/21 21:16	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	04/05/21 14:44	04/05/21 21:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	04/05/21 14:44	04/05/21 21:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.3	3.8	1	04/05/21 14:44	04/05/21 21:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.7	1	04/05/21 14:44	04/05/21 21:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	04/05/21 14:44	04/05/21 21:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	04/05/21 14:44	04/05/21 21:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	04/05/21 14:44	04/05/21 21:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	04/05/21 14:44	04/05/21 21:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	04/05/21 14:44	04/05/21 21:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.0	1	04/05/21 14:44	04/05/21 21:16	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1 (2-2.5) **Lab ID: 92531093002** Collected: 04/01/21 09:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	17.3	14.2	1	04/05/21 14:44	04/05/21 21:16	87-68-3	
2-Hexanone	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.7	4.3	1	04/05/21 14:44	04/05/21 21:16	99-87-6	
Methylene Chloride	ND	ug/kg	34.7	23.7	1	04/05/21 14:44	04/05/21 21:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.7	8.4	1	04/05/21 14:44	04/05/21 21:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.2	1	04/05/21 14:44	04/05/21 21:16	1634-04-4	
Naphthalene	ND	ug/kg	8.7	4.6	1	04/05/21 14:44	04/05/21 21:16	91-20-3	
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	04/05/21 14:44	04/05/21 21:16	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	04/05/21 14:44	04/05/21 21:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	04/05/21 14:44	04/05/21 21:16	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.7	1	04/05/21 14:44	04/05/21 21:16	127-18-4	
Toluene	ND	ug/kg	8.7	2.5	1	04/05/21 14:44	04/05/21 21:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	04/05/21 14:44	04/05/21 21:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	04/05/21 14:44	04/05/21 21:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	04/05/21 14:44	04/05/21 21:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	79-00-5	
Trichloroethene	ND	ug/kg	8.7	2.2	1	04/05/21 14:44	04/05/21 21:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	04/05/21 14:44	04/05/21 21:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	04/05/21 14:44	04/05/21 21:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	2.4	1	04/05/21 14:44	04/05/21 21:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	04/05/21 14:44	04/05/21 21:16	108-67-8	
Vinyl acetate	ND	ug/kg	86.7	6.3	1	04/05/21 14:44	04/05/21 21:16	108-05-4	
Vinyl chloride	ND	ug/kg	17.3	4.4	1	04/05/21 14:44	04/05/21 21:16	75-01-4	
Xylene (Total)	ND	ug/kg	17.3	4.9	1	04/05/21 14:44	04/05/21 21:16	1330-20-7	
m&p-Xylene	ND	ug/kg	17.3	5.9	1	04/05/21 14:44	04/05/21 21:16	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.8	1	04/05/21 14:44	04/05/21 21:16	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:16	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/05/21 14:44	04/05/21 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/05/21 21:16	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	30.5	%	0.10	0.10	1		04/05/21 13:07		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) Lab ID: 92531093003 Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:01	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	18.9	1	04/07/21 12:56	04/07/21 18:01	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:01	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:01	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:01	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:01	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:01	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	36	%	10-160		1	04/07/21 12:56	04/07/21 18:01	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	2400	ug/kg	76.4	7.9	5	04/07/21 12:58	04/08/21 13:57	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	62	%	31-130		1	04/07/21 12:58	04/08/21 07:52	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 07:52	4165-60-0	
Terphenyl-d14 (S)	102	%	24-130		1	04/07/21 12:58	04/08/21 07:52	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	83-32-9	
Acenaphthylene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	208-96-8	
Aniline	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	62-53-3	
Anthracene	3800J	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	120-12-7	
Benzo(a)anthracene	9800	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	56-55-3	
Benzo(b)fluoranthene	10400	ug/kg	4920	1640	10	04/07/21 13:00	04/07/21 20:14	205-99-2	
Benzo(g,h,i)perylene	5300	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	191-24-2	
Benzo(k)fluoranthene	3880J	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	207-08-9	
Benzoic Acid	ND	ug/kg	24600	10600	10	04/07/21 13:00	04/07/21 20:14	65-85-0	
Benzyl alcohol	ND	ug/kg	9850	3730	10	04/07/21 13:00	04/07/21 20:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	4920	2070	10	04/07/21 13:00	04/07/21 20:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	9850	3460	10	04/07/21 13:00	04/07/21 20:14	59-50-7	
4-Chloroaniline	ND	ug/kg	9850	3860	10	04/07/21 13:00	04/07/21 20:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	4920	1950	10	04/07/21 13:00	04/07/21 20:14	91-58-7	
2-Chlorophenol	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	4920	1840	10	04/07/21 13:00	04/07/21 20:14	7005-72-3	
Chrysene	8500	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	53-70-3	
Dibenzofuran	ND	ug/kg	4920	1780	10	04/07/21 13:00	04/07/21 20:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	9850	3330	10	04/07/21 13:00	04/07/21 20:14	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) Lab ID: 92531093003 Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	4920	2040	10	04/07/21 13:00	04/07/21 20:14	105-67-9	
Dimethylphthalate	ND	ug/kg	4920	1790	10	04/07/21 13:00	04/07/21 20:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	9850	4600	10	04/07/21 13:00	04/07/21 20:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	24600	15200	10	04/07/21 13:00	04/07/21 20:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	4920	1900	10	04/07/21 13:00	04/07/21 20:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	4920	1810	10	04/07/21 13:00	04/07/21 20:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	4920	1910	10	04/07/21 13:00	04/07/21 20:14	117-81-7	
Fluoranthene	24700	ug/kg	4920	1690	10	04/07/21 13:00	04/07/21 20:14	206-44-0	
Fluorene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	4920	1920	10	04/07/21 13:00	04/07/21 20:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	4920	2820	10	04/07/21 13:00	04/07/21 20:14	77-47-4	v2
Hexachloroethane	ND	ug/kg	4920	1880	10	04/07/21 13:00	04/07/21 20:14	67-72-1	
Indeno(1,2,3-cd)pyrene	4860J	ug/kg	4920	1940	10	04/07/21 13:00	04/07/21 20:14	193-39-5	
Isophorone	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	4920	1730	10	04/07/21 13:00	04/07/21 20:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	4920	1970	10	04/07/21 13:00	04/07/21 20:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	4920	2010	10	04/07/21 13:00	04/07/21 20:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	4920	1980	10	04/07/21 13:00	04/07/21 20:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	24600	4030	10	04/07/21 13:00	04/07/21 20:14	88-74-4	
3-Nitroaniline	ND	ug/kg	24600	3860	10	04/07/21 13:00	04/07/21 20:14	99-09-2	IL
4-Nitroaniline	ND	ug/kg	9850	3750	10	04/07/21 13:00	04/07/21 20:14	100-01-6	
Nitrobenzene	ND	ug/kg	4920	2280	10	04/07/21 13:00	04/07/21 20:14	98-95-3	v1
2-Nitrophenol	ND	ug/kg	4920	2130	10	04/07/21 13:00	04/07/21 20:14	88-75-5	
4-Nitrophenol	ND	ug/kg	24600	9520	10	04/07/21 13:00	04/07/21 20:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	4920	1660	10	04/07/21 13:00	04/07/21 20:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	4920	1850	10	04/07/21 13:00	04/07/21 20:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	4920	1750	10	04/07/21 13:00	04/07/21 20:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	4920	2340	10	04/07/21 13:00	04/07/21 20:14	108-60-1	v1
Pentachlorophenol	ND	ug/kg	9850	4820	10	04/07/21 13:00	04/07/21 20:14	87-86-5	v2
Phenanthrene	12100	ug/kg	4920	1610	10	04/07/21 13:00	04/07/21 20:14	85-01-8	
Phenol	ND	ug/kg	4920	2190	10	04/07/21 13:00	04/07/21 20:14	108-95-2	
Pyrene	20500	ug/kg	4920	2000	10	04/07/21 13:00	04/07/21 20:14	129-00-0	
Pyridine	ND	ug/kg	4920	1550	10	04/07/21 13:00	04/07/21 20:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	4920	2250	10	04/07/21 13:00	04/07/21 20:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	4920	2030	10	04/07/21 13:00	04/07/21 20:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	0	%	21-130		10	04/07/21 13:00	04/07/21 20:14	4165-60-0	D3,S4
2-Fluorobiphenyl (S)	0	%	19-130		10	04/07/21 13:00	04/07/21 20:14	321-60-8	S4
Terphenyl-d14 (S)	0	%	15-130		10	04/07/21 13:00	04/07/21 20:14	1718-51-0	S4
Phenol-d6 (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	13127-88-3	S4
2-Fluorophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	367-12-4	S4

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) Lab ID: 92531093003 Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	0	%	18-130		10	04/07/21 13:00	04/07/21 20:14	118-79-6	S4
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	195	62.7	1	04/05/21 14:44	04/05/21 21:34	67-64-1	
Benzene	ND	ug/kg	9.8	3.9	1	04/05/21 14:44	04/05/21 21:34	71-43-2	
Bromobenzene	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	108-86-1	
Bromochloromethane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	74-97-5	
Bromodichloromethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	75-27-4	
Bromoform	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	75-25-2	
Bromomethane	ND	ug/kg	19.5	15.4	1	04/05/21 14:44	04/05/21 21:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	195	46.9	1	04/05/21 14:44	04/05/21 21:34	78-93-3	
n-Butylbenzene	ND	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	56-23-5	
Chlorobenzene	ND	ug/kg	9.8	1.9	1	04/05/21 14:44	04/05/21 21:34	108-90-7	
Chloroethane	ND	ug/kg	19.5	7.5	1	04/05/21 14:44	04/05/21 21:34	75-00-3	
Chloroform	ND	ug/kg	9.8	5.9	1	04/05/21 14:44	04/05/21 21:34	67-66-3	
Chloromethane	ND	ug/kg	19.5	8.2	1	04/05/21 14:44	04/05/21 21:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.8	1.7	1	04/05/21 14:44	04/05/21 21:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	96-12-8	
Dibromochloromethane	ND	ug/kg	9.8	5.5	1	04/05/21 14:44	04/05/21 21:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	106-93-4	
Dibromomethane	ND	ug/kg	9.8	2.1	1	04/05/21 14:44	04/05/21 21:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.5	4.2	1	04/05/21 14:44	04/05/21 21:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.8	6.5	1	04/05/21 14:44	04/05/21 21:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.8	4.0	1	04/05/21 14:44	04/05/21 21:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.8	2.9	1	04/05/21 14:44	04/05/21 21:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.8	3.0	1	04/05/21 14:44	04/05/21 21:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.8	4.7	1	04/05/21 14:44	04/05/21 21:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.8	3.4	1	04/05/21 14:44	04/05/21 21:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	108-20-3	
Ethylbenzene	5.0J	ug/kg	9.8	4.6	1	04/05/21 14:44	04/05/21 21:34	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (0-0.6) Lab ID: 92531093003 Collected: 04/01/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	19.5	16.0	1	04/05/21 14:44	04/05/21 21:34	87-68-3	
2-Hexanone	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.8	4.8	1	04/05/21 14:44	04/05/21 21:34	99-87-6	
Methylene Chloride	ND	ug/kg	39.1	26.8	1	04/05/21 14:44	04/05/21 21:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	97.7	9.4	1	04/05/21 14:44	04/05/21 21:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.8	3.7	1	04/05/21 14:44	04/05/21 21:34	1634-04-4	
Naphthalene	25.5	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	91-20-3	
n-Propylbenzene	ND	ug/kg	9.8	3.5	1	04/05/21 14:44	04/05/21 21:34	103-65-1	
Styrene	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.8	3.8	1	04/05/21 14:44	04/05/21 21:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.8	2.6	1	04/05/21 14:44	04/05/21 21:34	79-34-5	
Tetrachloroethene	ND	ug/kg	9.8	3.1	1	04/05/21 14:44	04/05/21 21:34	127-18-4	
Toluene	9.1J	ug/kg	9.8	2.8	1	04/05/21 14:44	04/05/21 21:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.8	7.9	1	04/05/21 14:44	04/05/21 21:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.8	8.2	1	04/05/21 14:44	04/05/21 21:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.8	5.1	1	04/05/21 14:44	04/05/21 21:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.8	3.2	1	04/05/21 14:44	04/05/21 21:34	79-00-5	
Trichloroethene	ND	ug/kg	9.8	2.5	1	04/05/21 14:44	04/05/21 21:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.8	5.4	1	04/05/21 14:44	04/05/21 21:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.8	4.9	1	04/05/21 14:44	04/05/21 21:34	96-18-4	
1,2,4-Trimethylbenzene	6.6J	ug/kg	9.8	2.7	1	04/05/21 14:44	04/05/21 21:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.8	3.3	1	04/05/21 14:44	04/05/21 21:34	108-67-8	
Vinyl acetate	ND	ug/kg	97.7	7.1	1	04/05/21 14:44	04/05/21 21:34	108-05-4	
Vinyl chloride	ND	ug/kg	19.5	5.0	1	04/05/21 14:44	04/05/21 21:34	75-01-4	
Xylene (Total)	20.0	ug/kg	19.5	5.6	1	04/05/21 14:44	04/05/21 21:34	1330-20-7	
m&p-Xylene	12.5J	ug/kg	19.5	6.7	1	04/05/21 14:44	04/05/21 21:34	179601-23-1	
o-Xylene	7.5J	ug/kg	9.8	4.3	1	04/05/21 14:44	04/05/21 21:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 21:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:34	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	04/05/21 14:44	04/05/21 21:34	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	33.9	%	0.10	0.10	1		04/05/21 13:07		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) Lab ID: 92531093004 Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 18:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 18:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 18:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 18:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 18:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 18:16	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:16	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	34.5	ug/kg	15.6	1.6	1	04/07/21 12:58	04/08/21 08:12	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/07/21 12:58	04/08/21 08:12	321-60-8	
Nitrobenzene-d5 (S)	102	%	32-130		1	04/07/21 12:58	04/08/21 08:12	4165-60-0	
Terphenyl-d14 (S)	121	%	24-130		1	04/07/21 12:58	04/08/21 08:12	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	83-32-9	
Acenaphthylene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	208-96-8	
Aniline	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	62-53-3	
Anthracene	174J	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	120-12-7	
Benzo(a)anthracene	230J	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	56-55-3	
Benzo(b)fluoranthene	200J	ug/kg	516	172	1	04/07/21 13:00	04/07/21 17:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	04/07/21 13:00	04/07/21 17:07	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 17:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	516	217	1	04/07/21 13:00	04/07/21 17:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	04/07/21 13:00	04/07/21 17:07	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	405	1	04/07/21 13:00	04/07/21 17:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	516	205	1	04/07/21 13:00	04/07/21 17:07	91-58-7	
2-Chlorophenol	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	516	192	1	04/07/21 13:00	04/07/21 17:07	7005-72-3	
Chrysene	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	53-70-3	
Dibenzofuran	ND	ug/kg	516	186	1	04/07/21 13:00	04/07/21 17:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 17:07	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) Lab ID: 92531093004 Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	516	214	1	04/07/21 13:00	04/07/21 17:07	105-67-9	
Dimethylphthalate	ND	ug/kg	516	188	1	04/07/21 13:00	04/07/21 17:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	04/07/21 13:00	04/07/21 17:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	04/07/21 13:00	04/07/21 17:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	516	199	1	04/07/21 13:00	04/07/21 17:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	516	189	1	04/07/21 13:00	04/07/21 17:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	516	200	1	04/07/21 13:00	04/07/21 17:07	117-81-7	
Fluoranthene	617	ug/kg	516	177	1	04/07/21 13:00	04/07/21 17:07	206-44-0	
Fluorene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	86-73-7	
Hexachlorobenzene	ND	ug/kg	516	202	1	04/07/21 13:00	04/07/21 17:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	516	296	1	04/07/21 13:00	04/07/21 17:07	77-47-4	
Hexachloroethane	ND	ug/kg	516	197	1	04/07/21 13:00	04/07/21 17:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	516	203	1	04/07/21 13:00	04/07/21 17:07	193-39-5	
Isophorone	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	516	181	1	04/07/21 13:00	04/07/21 17:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	516	206	1	04/07/21 13:00	04/07/21 17:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	516	211	1	04/07/21 13:00	04/07/21 17:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	516	208	1	04/07/21 13:00	04/07/21 17:07	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	422	1	04/07/21 13:00	04/07/21 17:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	405	1	04/07/21 13:00	04/07/21 17:07	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 17:07	100-01-6	
Nitrobenzene	ND	ug/kg	516	239	1	04/07/21 13:00	04/07/21 17:07	98-95-3	
2-Nitrophenol	ND	ug/kg	516	224	1	04/07/21 13:00	04/07/21 17:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	998	1	04/07/21 13:00	04/07/21 17:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	516	174	1	04/07/21 13:00	04/07/21 17:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	516	194	1	04/07/21 13:00	04/07/21 17:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	516	183	1	04/07/21 13:00	04/07/21 17:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	516	246	1	04/07/21 13:00	04/07/21 17:07	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	505	1	04/07/21 13:00	04/07/21 17:07	87-86-5	
Phenanthrene	667	ug/kg	516	169	1	04/07/21 13:00	04/07/21 17:07	85-01-8	
Phenol	ND	ug/kg	516	230	1	04/07/21 13:00	04/07/21 17:07	108-95-2	
Pyrene	509J	ug/kg	516	210	1	04/07/21 13:00	04/07/21 17:07	129-00-0	
Pyridine	ND	ug/kg	516	163	1	04/07/21 13:00	04/07/21 17:07	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	516	236	1	04/07/21 13:00	04/07/21 17:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	516	213	1	04/07/21 13:00	04/07/21 17:07	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 17:07	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 17:07	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 17:07	1718-51-0	
Phenol-d6 (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:07	13127-88-3	
2-Fluorophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	52	%	18-130		1	04/07/21 13:00	04/07/21 17:07	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	187	60.1	1	04/05/21 14:44	04/05/21 21:52	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/05/21 14:44	04/05/21 21:52	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/05/21 14:44	04/05/21 21:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/05/21 14:44	04/05/21 21:52	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/05/21 14:44	04/05/21 21:52	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/05/21 14:44	04/05/21 21:52	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/05/21 14:44	04/05/21 21:52	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/05/21 14:44	04/05/21 21:52	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/05/21 14:44	04/05/21 21:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/05/21 14:44	04/05/21 21:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/05/21 14:44	04/05/21 21:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/05/21 14:44	04/05/21 21:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/05/21 14:44	04/05/21 21:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/05/21 14:44	04/05/21 21:52	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/05/21 14:44	04/05/21 21:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/05/21 14:44	04/05/21 21:52	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/05/21 14:44	04/05/21 21:52	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/05/21 14:44	04/05/21 21:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/05/21 14:44	04/05/21 21:52	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1A (2-2.5) **Lab ID: 92531093004** Collected: 04/01/21 10:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/05/21 14:44	04/05/21 21:52	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/05/21 14:44	04/05/21 21:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/05/21 14:44	04/05/21 21:52	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/05/21 14:44	04/05/21 21:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/05/21 14:44	04/05/21 21:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/05/21 14:44	04/05/21 21:52	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/05/21 14:44	04/05/21 21:52	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/05/21 14:44	04/05/21 21:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/05/21 14:44	04/05/21 21:52	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/05/21 14:44	04/05/21 21:52	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/05/21 14:44	04/05/21 21:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/05/21 14:44	04/05/21 21:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/05/21 14:44	04/05/21 21:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/05/21 14:44	04/05/21 21:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/05/21 14:44	04/05/21 21:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/05/21 14:44	04/05/21 21:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/05/21 14:44	04/05/21 21:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/05/21 14:44	04/05/21 21:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/05/21 14:44	04/05/21 21:52	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/05/21 14:44	04/05/21 21:52	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/05/21 14:44	04/05/21 21:52	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/05/21 14:44	04/05/21 21:52	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/05/21 14:44	04/05/21 21:52	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/05/21 14:44	04/05/21 21:52	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 21:52	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 21:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	04/05/21 14:44	04/05/21 21:52	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	35.4	%	0.10	0.10	1		04/05/21 13:07		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.1	18.0	1	04/07/21 12:56	04/07/21 18:30	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.1	19.0	1	04/07/21 12:56	04/07/21 18:30	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.1	17.2	1	04/07/21 12:56	04/07/21 18:30	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.1	9.3	1	04/07/21 12:56	04/07/21 18:30	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.1	12.3	1	04/07/21 12:56	04/07/21 18:30	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.1	9.2	1	04/07/21 12:56	04/07/21 18:30	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.1	11.7	1	04/07/21 12:56	04/07/21 18:30	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/07/21 12:56	04/07/21 18:30	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	18.7	ug/kg	15.2	1.6	1	04/07/21 12:58	04/08/21 08:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	67	%	31-130		1	04/07/21 12:58	04/08/21 08:33	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/07/21 12:58	04/08/21 08:33	4165-60-0	
Terphenyl-d14 (S)	95	%	24-130		1	04/07/21 12:58	04/08/21 08:33	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	83-32-9	
Acenaphthylene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	208-96-8	
Aniline	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	62-53-3	
Anthracene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	491	164	1	04/07/21 13:00	04/07/21 17:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	04/07/21 13:00	04/07/21 17:38	65-85-0	
Benzyl alcohol	ND	ug/kg	983	372	1	04/07/21 13:00	04/07/21 17:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	491	207	1	04/07/21 13:00	04/07/21 17:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	983	345	1	04/07/21 13:00	04/07/21 17:38	59-50-7	
4-Chloroaniline	ND	ug/kg	983	386	1	04/07/21 13:00	04/07/21 17:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	491	195	1	04/07/21 13:00	04/07/21 17:38	91-58-7	
2-Chlorophenol	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	491	183	1	04/07/21 13:00	04/07/21 17:38	7005-72-3	
Chrysene	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	53-70-3	
Dibenzofuran	ND	ug/kg	491	177	1	04/07/21 13:00	04/07/21 17:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	983	332	1	04/07/21 13:00	04/07/21 17:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	491	204	1	04/07/21 13:00	04/07/21 17:38	105-67-9	
Dimethylphthalate	ND	ug/kg	491	179	1	04/07/21 13:00	04/07/21 17:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	983	459	1	04/07/21 13:00	04/07/21 17:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	04/07/21 13:00	04/07/21 17:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	491	189	1	04/07/21 13:00	04/07/21 17:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	491	180	1	04/07/21 13:00	04/07/21 17:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	491	191	1	04/07/21 13:00	04/07/21 17:38	117-81-7	
Fluoranthene	ND	ug/kg	491	168	1	04/07/21 13:00	04/07/21 17:38	206-44-0	
Fluorene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	491	192	1	04/07/21 13:00	04/07/21 17:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	491	281	1	04/07/21 13:00	04/07/21 17:38	77-47-4	
Hexachloroethane	ND	ug/kg	491	188	1	04/07/21 13:00	04/07/21 17:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	491	194	1	04/07/21 13:00	04/07/21 17:38	193-39-5	
Isophorone	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	491	173	1	04/07/21 13:00	04/07/21 17:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	491	197	1	04/07/21 13:00	04/07/21 17:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	491	201	1	04/07/21 13:00	04/07/21 17:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	491	198	1	04/07/21 13:00	04/07/21 17:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	04/07/21 13:00	04/07/21 17:38	88-74-4	
3-Nitroaniline	ND	ug/kg	2460	386	1	04/07/21 13:00	04/07/21 17:38	99-09-2	
4-Nitroaniline	ND	ug/kg	983	374	1	04/07/21 13:00	04/07/21 17:38	100-01-6	
Nitrobenzene	ND	ug/kg	491	228	1	04/07/21 13:00	04/07/21 17:38	98-95-3	
2-Nitrophenol	ND	ug/kg	491	213	1	04/07/21 13:00	04/07/21 17:38	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	950	1	04/07/21 13:00	04/07/21 17:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	491	165	1	04/07/21 13:00	04/07/21 17:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	491	185	1	04/07/21 13:00	04/07/21 17:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	491	174	1	04/07/21 13:00	04/07/21 17:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	491	234	1	04/07/21 13:00	04/07/21 17:38	108-60-1	
Pentachlorophenol	ND	ug/kg	983	481	1	04/07/21 13:00	04/07/21 17:38	87-86-5	
Phenanthrene	ND	ug/kg	491	161	1	04/07/21 13:00	04/07/21 17:38	85-01-8	
Phenol	ND	ug/kg	491	219	1	04/07/21 13:00	04/07/21 17:38	108-95-2	
Pyrene	ND	ug/kg	491	200	1	04/07/21 13:00	04/07/21 17:38	129-00-0	
Pyridine	ND	ug/kg	491	155	1	04/07/21 13:00	04/07/21 17:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	491	225	1	04/07/21 13:00	04/07/21 17:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	491	203	1	04/07/21 13:00	04/07/21 17:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 17:38	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	04/07/21 13:00	04/07/21 17:38	321-60-8	
Terphenyl-d14 (S)	74	%	15-130		1	04/07/21 13:00	04/07/21 17:38	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 17:38	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/07/21 13:00	04/07/21 17:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) Lab ID: 92531093005 Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 17:38	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	199	64.0	1	04/05/21 14:44	04/05/21 22:10	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	04/05/21 14:44	04/05/21 22:10	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.8	1	04/05/21 14:44	04/05/21 22:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.9	1	04/05/21 14:44	04/05/21 22:10	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	04/05/21 14:44	04/05/21 22:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	98-06-6	
Carbon tetrachloride	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	56-23-5	
Chlorobenzene	ND	ug/kg	10	1.9	1	04/05/21 14:44	04/05/21 22:10	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/05/21 22:10	75-00-3	
Chloroform	ND	ug/kg	10	6.1	1	04/05/21 14:44	04/05/21 22:10	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.4	1	04/05/21 14:44	04/05/21 22:10	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	04/05/21 14:44	04/05/21 22:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	04/05/21 14:44	04/05/21 22:10	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	04/05/21 14:44	04/05/21 22:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	04/05/21 14:44	04/05/21 22:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/05/21 22:10	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	04/05/21 14:44	04/05/21 22:10	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	04/05/21 14:44	04/05/21 22:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	04/05/21 14:44	04/05/21 22:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	04/05/21 14:44	04/05/21 22:10	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	04/05/21 14:44	04/05/21 22:10	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	04/05/21 14:44	04/05/21 22:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	10061-02-6	
Diisopropyl ether	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.6	1	04/05/21 14:44	04/05/21 22:10	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (0-0.6) **Lab ID: 92531093005** Collected: 04/01/21 09:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/05/21 22:10	87-68-3	
2-Hexanone	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10	4.9	1	04/05/21 14:44	04/05/21 22:10	99-87-6	
Methylene Chloride	ND	ug/kg	39.9	27.3	1	04/05/21 14:44	04/05/21 22:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.7	9.6	1	04/05/21 14:44	04/05/21 22:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	04/05/21 14:44	04/05/21 22:10	1634-04-4	
Naphthalene	9.2J	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	04/05/21 14:44	04/05/21 22:10	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	04/05/21 14:44	04/05/21 22:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	04/05/21 14:44	04/05/21 22:10	127-18-4	
Toluene	ND	ug/kg	10	2.8	1	04/05/21 14:44	04/05/21 22:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	04/05/21 14:44	04/05/21 22:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	04/05/21 14:44	04/05/21 22:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	04/05/21 14:44	04/05/21 22:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	04/05/21 14:44	04/05/21 22:10	79-00-5	
Trichloroethene	ND	ug/kg	10	2.6	1	04/05/21 14:44	04/05/21 22:10	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	04/05/21 14:44	04/05/21 22:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.0	1	04/05/21 14:44	04/05/21 22:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10	2.7	1	04/05/21 14:44	04/05/21 22:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	04/05/21 14:44	04/05/21 22:10	108-67-8	
Vinyl acetate	ND	ug/kg	99.7	7.3	1	04/05/21 14:44	04/05/21 22:10	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.1	1	04/05/21 14:44	04/05/21 22:10	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/05/21 22:10	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/05/21 22:10	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	04/05/21 14:44	04/05/21 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:10	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:10	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:10	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	33.5	%	0.10	0.10	1		04/05/21 13:07		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.8	1	04/07/21 12:56	04/07/21 18:44	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 18:44	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 18:44	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.2	1	04/07/21 12:56	04/07/21 18:44	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 18:44	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 18:44	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 18:44	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	62	%	10-160		1	04/07/21 12:56	04/07/21 18:44	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	9.3J	ug/kg	14.7	1.5	1	04/07/21 12:58	04/08/21 08:53	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	65	%	31-130		1	04/07/21 12:58	04/08/21 08:53	321-60-8	
Nitrobenzene-d5 (S)	80	%	32-130		1	04/07/21 12:58	04/08/21 08:53	4165-60-0	
Terphenyl-d14 (S)	93	%	24-130		1	04/07/21 12:58	04/08/21 08:53	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	83-32-9	
Acenaphthylene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	208-96-8	
Aniline	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	62-53-3	
Anthracene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	471	157	1	04/07/21 13:00	04/07/21 18:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1010	1	04/07/21 13:00	04/07/21 18:08	65-85-0	
Benzyl alcohol	ND	ug/kg	942	357	1	04/07/21 13:00	04/07/21 18:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	471	198	1	04/07/21 13:00	04/07/21 18:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	942	331	1	04/07/21 13:00	04/07/21 18:08	59-50-7	
4-Chloroaniline	ND	ug/kg	942	370	1	04/07/21 13:00	04/07/21 18:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	471	187	1	04/07/21 13:00	04/07/21 18:08	91-58-7	
2-Chlorophenol	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	471	176	1	04/07/21 13:00	04/07/21 18:08	7005-72-3	
Chrysene	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	53-70-3	
Dibenzofuran	ND	ug/kg	471	170	1	04/07/21 13:00	04/07/21 18:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	942	318	1	04/07/21 13:00	04/07/21 18:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	471	196	1	04/07/21 13:00	04/07/21 18:08	105-67-9	
Dimethylphthalate	ND	ug/kg	471	171	1	04/07/21 13:00	04/07/21 18:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	942	440	1	04/07/21 13:00	04/07/21 18:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1460	1	04/07/21 13:00	04/07/21 18:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	471	181	1	04/07/21 13:00	04/07/21 18:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	471	173	1	04/07/21 13:00	04/07/21 18:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	471	183	1	04/07/21 13:00	04/07/21 18:08	117-81-7	
Fluoranthene	ND	ug/kg	471	161	1	04/07/21 13:00	04/07/21 18:08	206-44-0	
Fluorene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	471	184	1	04/07/21 13:00	04/07/21 18:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	471	270	1	04/07/21 13:00	04/07/21 18:08	77-47-4	
Hexachloroethane	ND	ug/kg	471	180	1	04/07/21 13:00	04/07/21 18:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	471	186	1	04/07/21 13:00	04/07/21 18:08	193-39-5	
Isophorone	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	471	166	1	04/07/21 13:00	04/07/21 18:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	471	188	1	04/07/21 13:00	04/07/21 18:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	471	193	1	04/07/21 13:00	04/07/21 18:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	471	190	1	04/07/21 13:00	04/07/21 18:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2360	385	1	04/07/21 13:00	04/07/21 18:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	370	1	04/07/21 13:00	04/07/21 18:08	99-09-2	
4-Nitroaniline	ND	ug/kg	942	358	1	04/07/21 13:00	04/07/21 18:08	100-01-6	
Nitrobenzene	ND	ug/kg	471	218	1	04/07/21 13:00	04/07/21 18:08	98-95-3	
2-Nitrophenol	ND	ug/kg	471	204	1	04/07/21 13:00	04/07/21 18:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	911	1	04/07/21 13:00	04/07/21 18:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	471	158	1	04/07/21 13:00	04/07/21 18:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	471	177	1	04/07/21 13:00	04/07/21 18:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	471	167	1	04/07/21 13:00	04/07/21 18:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	471	224	1	04/07/21 13:00	04/07/21 18:08	108-60-1	
Pentachlorophenol	ND	ug/kg	942	461	1	04/07/21 13:00	04/07/21 18:08	87-86-5	
Phenanthrene	ND	ug/kg	471	154	1	04/07/21 13:00	04/07/21 18:08	85-01-8	
Phenol	ND	ug/kg	471	210	1	04/07/21 13:00	04/07/21 18:08	108-95-2	
Pyrene	ND	ug/kg	471	191	1	04/07/21 13:00	04/07/21 18:08	129-00-0	
Pyridine	ND	ug/kg	471	148	1	04/07/21 13:00	04/07/21 18:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	471	216	1	04/07/21 13:00	04/07/21 18:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	471	194	1	04/07/21 13:00	04/07/21 18:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	43	%	21-130		1	04/07/21 13:00	04/07/21 18:08	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:08	321-60-8	
Terphenyl-d14 (S)	57	%	15-130		1	04/07/21 13:00	04/07/21 18:08	1718-51-0	
Phenol-d6 (S)	43	%	18-130		1	04/07/21 13:00	04/07/21 18:08	13127-88-3	
2-Fluorophenol (S)	41	%	18-130		1	04/07/21 13:00	04/07/21 18:08	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) **Lab ID: 92531093006** Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	39	%	18-130		1	04/07/21 13:00	04/07/21 18:08	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	88.0J	ug/kg	222	71.2	1	04/05/21 14:44	04/05/21 22:28	67-64-1	
Benzene	ND	ug/kg	11.1	4.4	1	04/05/21 14:44	04/05/21 22:28	71-43-2	
Bromobenzene	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	108-86-1	
Bromochloromethane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	74-97-5	
Bromodichloromethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	75-27-4	
Bromoform	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	75-25-2	
Bromomethane	ND	ug/kg	22.2	17.5	1	04/05/21 14:44	04/05/21 22:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	222	53.3	1	04/05/21 14:44	04/05/21 22:28	78-93-3	
n-Butylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	56-23-5	
Chlorobenzene	ND	ug/kg	11.1	2.1	1	04/05/21 14:44	04/05/21 22:28	108-90-7	
Chloroethane	ND	ug/kg	22.2	8.6	1	04/05/21 14:44	04/05/21 22:28	75-00-3	
Chloroform	ND	ug/kg	11.1	6.7	1	04/05/21 14:44	04/05/21 22:28	67-66-3	
Chloromethane	ND	ug/kg	22.2	9.3	1	04/05/21 14:44	04/05/21 22:28	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.1	2.0	1	04/05/21 14:44	04/05/21 22:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	96-12-8	
Dibromochloromethane	ND	ug/kg	11.1	6.2	1	04/05/21 14:44	04/05/21 22:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	106-93-4	
Dibromomethane	ND	ug/kg	11.1	2.4	1	04/05/21 14:44	04/05/21 22:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.1	3.4	1	04/05/21 14:44	04/05/21 22:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.2	4.8	1	04/05/21 14:44	04/05/21 22:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.1	7.3	1	04/05/21 14:44	04/05/21 22:28	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.1	4.6	1	04/05/21 14:44	04/05/21 22:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	3.9	1	04/05/21 14:44	04/05/21 22:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.1	3.3	1	04/05/21 14:44	04/05/21 22:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.1	3.6	1	04/05/21 14:44	04/05/21 22:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.1	5.3	1	04/05/21 14:44	04/05/21 22:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	108-20-3	
Ethylbenzene	ND	ug/kg	11.1	5.2	1	04/05/21 14:44	04/05/21 22:28	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-1B (2-2.5) Lab ID: 92531093006 Collected: 04/01/21 10:00 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	22.2	18.2	1	04/05/21 14:44	04/05/21 22:28	87-68-3	
2-Hexanone	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.1	3.8	1	04/05/21 14:44	04/05/21 22:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.1	5.5	1	04/05/21 14:44	04/05/21 22:28	99-87-6	
Methylene Chloride	ND	ug/kg	44.4	30.4	1	04/05/21 14:44	04/05/21 22:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	111	10.7	1	04/05/21 14:44	04/05/21 22:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.1	4.2	1	04/05/21 14:44	04/05/21 22:28	1634-04-4	
Naphthalene	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	91-20-3	
n-Propylbenzene	ND	ug/kg	11.1	4.0	1	04/05/21 14:44	04/05/21 22:28	103-65-1	
Styrene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.1	4.3	1	04/05/21 14:44	04/05/21 22:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-34-5	
Tetrachloroethene	ND	ug/kg	11.1	3.5	1	04/05/21 14:44	04/05/21 22:28	127-18-4	
Toluene	10.9J	ug/kg	11.1	3.2	1	04/05/21 14:44	04/05/21 22:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.1	9.0	1	04/05/21 14:44	04/05/21 22:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.1	9.3	1	04/05/21 14:44	04/05/21 22:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.1	5.8	1	04/05/21 14:44	04/05/21 22:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	79-00-5	
Trichloroethene	ND	ug/kg	11.1	2.9	1	04/05/21 14:44	04/05/21 22:28	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	6.1	1	04/05/21 14:44	04/05/21 22:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.1	5.6	1	04/05/21 14:44	04/05/21 22:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.1	3.0	1	04/05/21 14:44	04/05/21 22:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.1	3.7	1	04/05/21 14:44	04/05/21 22:28	108-67-8	
Vinyl acetate	ND	ug/kg	111	8.1	1	04/05/21 14:44	04/05/21 22:28	108-05-4	
Vinyl chloride	ND	ug/kg	22.2	5.6	1	04/05/21 14:44	04/05/21 22:28	75-01-4	
Xylene (Total)	ND	ug/kg	22.2	6.3	1	04/05/21 14:44	04/05/21 22:28	1330-20-7	
m&p-Xylene	ND	ug/kg	22.2	7.6	1	04/05/21 14:44	04/05/21 22:28	179601-23-1	
o-Xylene	ND	ug/kg	11.1	4.9	1	04/05/21 14:44	04/05/21 22:28	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 22:28	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 22:28	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:28	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	31.1	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) Lab ID: 92531093007 Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	339	124	5	04/07/21 12:56	04/07/21 20:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	339	131	5	04/07/21 12:56	04/07/21 20:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	339	119	5	04/07/21 12:56	04/07/21 20:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	339	63.9	5	04/07/21 12:56	04/07/21 20:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	339	84.7	5	04/07/21 12:56	04/07/21 20:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	339	63.8	5	04/07/21 12:56	04/07/21 20:53	11097-69-1	
PCB-1260 (Aroclor 1260)	279J	ug/kg	339	81.1	5	04/07/21 12:56	04/07/21 20:53	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	90	%	10-160		5	04/07/21 12:56	04/07/21 20:53	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	266	ug/kg	20.8	2.1	1	04/07/21 12:58	04/08/21 09:13	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/07/21 12:58	04/08/21 09:13	321-60-8	
Nitrobenzene-d5 (S)	85	%	32-130		1	04/07/21 12:58	04/08/21 09:13	4165-60-0	
Terphenyl-d14 (S)	88	%	24-130		1	04/07/21 12:58	04/08/21 09:13	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	83-32-9	
Acenaphthylene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	208-96-8	
Aniline	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	62-53-3	
Anthracene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	120-12-7	
Benzo(a)anthracene	408J	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	56-55-3	
Benzo(b)fluoranthene	484J	ug/kg	685	228	1	04/07/21 13:00	04/07/21 18:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	207-08-9	
Benzoic Acid	ND	ug/kg	3430	1470	1	04/07/21 13:00	04/07/21 18:38	65-85-0	
Benzyl alcohol	ND	ug/kg	1370	519	1	04/07/21 13:00	04/07/21 18:38	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	101-55-3	
Butylbenzylphthalate	ND	ug/kg	685	289	1	04/07/21 13:00	04/07/21 18:38	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1370	482	1	04/07/21 13:00	04/07/21 18:38	59-50-7	
4-Chloroaniline	ND	ug/kg	1370	538	1	04/07/21 13:00	04/07/21 18:38	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	111-44-4	
2-Chloronaphthalene	ND	ug/kg	685	272	1	04/07/21 13:00	04/07/21 18:38	91-58-7	
2-Chlorophenol	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	685	255	1	04/07/21 13:00	04/07/21 18:38	7005-72-3	
Chrysene	321J	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	53-70-3	
Dibenzofuran	ND	ug/kg	685	247	1	04/07/21 13:00	04/07/21 18:38	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1370	463	1	04/07/21 13:00	04/07/21 18:38	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) Lab ID: 92531093007 Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	685	285	1	04/07/21 13:00	04/07/21 18:38	105-67-9	
Dimethylphthalate	ND	ug/kg	685	249	1	04/07/21 13:00	04/07/21 18:38	131-11-3	
Di-n-butylphthalate	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1370	640	1	04/07/21 13:00	04/07/21 18:38	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3430	2120	1	04/07/21 13:00	04/07/21 18:38	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	685	264	1	04/07/21 13:00	04/07/21 18:38	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	685	251	1	04/07/21 13:00	04/07/21 18:38	606-20-2	
Di-n-octylphthalate	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	685	266	1	04/07/21 13:00	04/07/21 18:38	117-81-7	
Fluoranthene	608J	ug/kg	685	235	1	04/07/21 13:00	04/07/21 18:38	206-44-0	
Fluorene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	86-73-7	
Hexachlorobenzene	ND	ug/kg	685	268	1	04/07/21 13:00	04/07/21 18:38	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	685	393	1	04/07/21 13:00	04/07/21 18:38	77-47-4	
Hexachloroethane	ND	ug/kg	685	262	1	04/07/21 13:00	04/07/21 18:38	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	685	270	1	04/07/21 13:00	04/07/21 18:38	193-39-5	
Isophorone	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	78-59-1	
1-Methylnaphthalene	ND	ug/kg	685	241	1	04/07/21 13:00	04/07/21 18:38	90-12-0	
2-Methylnaphthalene	ND	ug/kg	685	274	1	04/07/21 13:00	04/07/21 18:38	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	685	280	1	04/07/21 13:00	04/07/21 18:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	685	276	1	04/07/21 13:00	04/07/21 18:38	15831-10-4	
2-Nitroaniline	ND	ug/kg	3430	561	1	04/07/21 13:00	04/07/21 18:38	88-74-4	
3-Nitroaniline	ND	ug/kg	3430	538	1	04/07/21 13:00	04/07/21 18:38	99-09-2	
4-Nitroaniline	ND	ug/kg	1370	521	1	04/07/21 13:00	04/07/21 18:38	100-01-6	
Nitrobenzene	ND	ug/kg	685	318	1	04/07/21 13:00	04/07/21 18:38	98-95-3	
2-Nitrophenol	ND	ug/kg	685	297	1	04/07/21 13:00	04/07/21 18:38	88-75-5	
4-Nitrophenol	ND	ug/kg	3430	1320	1	04/07/21 13:00	04/07/21 18:38	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	685	231	1	04/07/21 13:00	04/07/21 18:38	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	685	258	1	04/07/21 13:00	04/07/21 18:38	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	685	243	1	04/07/21 13:00	04/07/21 18:38	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	685	326	1	04/07/21 13:00	04/07/21 18:38	108-60-1	
Pentachlorophenol	ND	ug/kg	1370	671	1	04/07/21 13:00	04/07/21 18:38	87-86-5	
Phenanthrene	ND	ug/kg	685	224	1	04/07/21 13:00	04/07/21 18:38	85-01-8	
Phenol	ND	ug/kg	685	305	1	04/07/21 13:00	04/07/21 18:38	108-95-2	
Pyrene	539J	ug/kg	685	278	1	04/07/21 13:00	04/07/21 18:38	129-00-0	
Pyridine	ND	ug/kg	685	216	1	04/07/21 13:00	04/07/21 18:38	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	685	314	1	04/07/21 13:00	04/07/21 18:38	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	685	282	1	04/07/21 13:00	04/07/21 18:38	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	50	%	21-130		1	04/07/21 13:00	04/07/21 18:38	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 18:38	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/07/21 13:00	04/07/21 18:38	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	04/07/21 13:00	04/07/21 18:38	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 18:38	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) Lab ID: 92531093007 Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 18:38	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	143J	ug/kg	327	105	1	04/05/21 14:44	04/05/21 22:46	67-64-1	
Benzene	ND	ug/kg	16.3	6.5	1	04/05/21 14:44	04/05/21 22:46	71-43-2	
Bromobenzene	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	108-86-1	
Bromochloromethane	ND	ug/kg	16.3	4.8	1	04/05/21 14:44	04/05/21 22:46	74-97-5	
Bromodichloromethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	75-27-4	
Bromoform	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	75-25-2	
Bromomethane	ND	ug/kg	32.7	25.8	1	04/05/21 14:44	04/05/21 22:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	327	78.4	1	04/05/21 14:44	04/05/21 22:46	78-93-3	
n-Butylbenzene	ND	ug/kg	16.3	7.7	1	04/05/21 14:44	04/05/21 22:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	56-23-5	
Chlorobenzene	ND	ug/kg	16.3	3.1	1	04/05/21 14:44	04/05/21 22:46	108-90-7	
Chloroethane	ND	ug/kg	32.7	12.6	1	04/05/21 14:44	04/05/21 22:46	75-00-3	
Chloroform	ND	ug/kg	16.3	9.9	1	04/05/21 14:44	04/05/21 22:46	67-66-3	
Chloromethane	ND	ug/kg	32.7	13.7	1	04/05/21 14:44	04/05/21 22:46	74-87-3	
2-Chlorotoluene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.3	2.9	1	04/05/21 14:44	04/05/21 22:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	96-12-8	
Dibromochloromethane	ND	ug/kg	16.3	9.2	1	04/05/21 14:44	04/05/21 22:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	106-93-4	
Dibromomethane	ND	ug/kg	16.3	3.5	1	04/05/21 14:44	04/05/21 22:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.3	5.9	1	04/05/21 14:44	04/05/21 22:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	32.7	7.1	1	04/05/21 14:44	04/05/21 22:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.3	10.8	1	04/05/21 14:44	04/05/21 22:46	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.3	6.7	1	04/05/21 14:44	04/05/21 22:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.3	5.7	1	04/05/21 14:44	04/05/21 22:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.3	4.9	1	04/05/21 14:44	04/05/21 22:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.3	5.1	1	04/05/21 14:44	04/05/21 22:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.3	5.3	1	04/05/21 14:44	04/05/21 22:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.3	7.8	1	04/05/21 14:44	04/05/21 22:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	10061-02-6	
Diisopropyl ether	ND	ug/kg	16.3	4.4	1	04/05/21 14:44	04/05/21 22:46	108-20-3	
Ethylbenzene	13.3J	ug/kg	16.3	7.6	1	04/05/21 14:44	04/05/21 22:46	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (0-0.6) Lab ID: 92531093007 Collected: 04/01/21 11:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	32.7	26.7	1	04/05/21 14:44	04/05/21 22:46	87-68-3	
2-Hexanone	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	591-78-6	
p-Isopropylbenzene (Cumene)	ND	ug/kg	16.3	5.6	1	04/05/21 14:44	04/05/21 22:46	98-82-8	
p-Isopropyltoluene	8.9J	ug/kg	16.3	8.0	1	04/05/21 14:44	04/05/21 22:46	99-87-6	
Methylene Chloride	ND	ug/kg	65.3	44.8	1	04/05/21 14:44	04/05/21 22:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	163	15.7	1	04/05/21 14:44	04/05/21 22:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.3	6.1	1	04/05/21 14:44	04/05/21 22:46	1634-04-4	
Naphthalene	171	ug/kg	16.3	8.6	1	04/05/21 14:44	04/05/21 22:46	91-20-3	
n-Propylbenzene	ND	ug/kg	16.3	5.8	1	04/05/21 14:44	04/05/21 22:46	103-65-1	
Styrene	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.3	6.3	1	04/05/21 14:44	04/05/21 22:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.3	4.3	1	04/05/21 14:44	04/05/21 22:46	79-34-5	
Tetrachloroethene	ND	ug/kg	16.3	5.2	1	04/05/21 14:44	04/05/21 22:46	127-18-4	
Toluene	42.8	ug/kg	16.3	4.6	1	04/05/21 14:44	04/05/21 22:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.3	13.2	1	04/05/21 14:44	04/05/21 22:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.3	13.7	1	04/05/21 14:44	04/05/21 22:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.3	8.5	1	04/05/21 14:44	04/05/21 22:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.3	5.4	1	04/05/21 14:44	04/05/21 22:46	79-00-5	
Trichloroethene	ND	ug/kg	16.3	4.2	1	04/05/21 14:44	04/05/21 22:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.3	9.0	1	04/05/21 14:44	04/05/21 22:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.3	8.3	1	04/05/21 14:44	04/05/21 22:46	96-18-4	
1,2,4-Trimethylbenzene	18.6	ug/kg	16.3	4.5	1	04/05/21 14:44	04/05/21 22:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.3	5.5	1	04/05/21 14:44	04/05/21 22:46	108-67-8	
Vinyl acetate	ND	ug/kg	163	11.9	1	04/05/21 14:44	04/05/21 22:46	108-05-4	
Vinyl chloride	ND	ug/kg	32.7	8.3	1	04/05/21 14:44	04/05/21 22:46	75-01-4	
Xylene (Total)	52.7	ug/kg	32.7	9.3	1	04/05/21 14:44	04/05/21 22:46	1330-20-7	
m&p-Xylene	34.6	ug/kg	32.7	11.2	1	04/05/21 14:44	04/05/21 22:46	179601-23-1	
o-Xylene	18.2	ug/kg	16.3	7.2	1	04/05/21 14:44	04/05/21 22:46	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 22:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 22:46	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 22:46	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	51.4	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.1	16.5	1	04/07/21 12:56	04/07/21 18:59	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.1	17.4	1	04/07/21 12:56	04/07/21 18:59	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.1	15.8	1	04/07/21 12:56	04/07/21 18:59	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.1	11.3	1	04/07/21 12:56	04/07/21 18:59	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.1	8.5	1	04/07/21 12:56	04/07/21 18:59	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.1	10.8	1	04/07/21 12:56	04/07/21 18:59	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	34	%	10-160		1	04/07/21 12:56	04/07/21 18:59	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	23.8	ug/kg	13.7	1.4	1	04/07/21 12:58	04/08/21 09:33	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/07/21 12:58	04/08/21 09:33	321-60-8	
Nitrobenzene-d5 (S)	76	%	32-130		1	04/07/21 12:58	04/08/21 09:33	4165-60-0	
Terphenyl-d14 (S)	82	%	24-130		1	04/07/21 12:58	04/08/21 09:33	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	62-53-3	
Anthracene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	446	149	1	04/07/21 13:00	04/07/21 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/07/21 13:00	04/07/21 19:08	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/07/21 13:00	04/07/21 19:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/07/21 13:00	04/07/21 19:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/07/21 13:00	04/07/21 19:08	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/07/21 13:00	04/07/21 19:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/07/21 13:00	04/07/21 19:08	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/07/21 13:00	04/07/21 19:08	7005-72-3	
Chrysene	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/07/21 13:00	04/07/21 19:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/07/21 13:00	04/07/21 19:08	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/07/21 13:00	04/07/21 19:08	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/07/21 13:00	04/07/21 19:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/07/21 13:00	04/07/21 19:08	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/07/21 13:00	04/07/21 19:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/07/21 13:00	04/07/21 19:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/07/21 13:00	04/07/21 19:08	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/07/21 13:00	04/07/21 19:08	117-81-7	
Fluoranthene	ND	ug/kg	446	153	1	04/07/21 13:00	04/07/21 19:08	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/07/21 13:00	04/07/21 19:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/07/21 13:00	04/07/21 19:08	77-47-4	
Hexachloroethane	ND	ug/kg	446	170	1	04/07/21 13:00	04/07/21 19:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/07/21 13:00	04/07/21 19:08	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	446	157	1	04/07/21 13:00	04/07/21 19:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	446	178	1	04/07/21 13:00	04/07/21 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/07/21 13:00	04/07/21 19:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/07/21 13:00	04/07/21 19:08	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/07/21 13:00	04/07/21 19:08	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/07/21 13:00	04/07/21 19:08	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/07/21 13:00	04/07/21 19:08	100-01-6	
Nitrobenzene	ND	ug/kg	446	207	1	04/07/21 13:00	04/07/21 19:08	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/07/21 13:00	04/07/21 19:08	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/07/21 13:00	04/07/21 19:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/07/21 13:00	04/07/21 19:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/07/21 13:00	04/07/21 19:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/07/21 13:00	04/07/21 19:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/07/21 13:00	04/07/21 19:08	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/07/21 13:00	04/07/21 19:08	87-86-5	
Phenanthrene	ND	ug/kg	446	146	1	04/07/21 13:00	04/07/21 19:08	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/07/21 13:00	04/07/21 19:08	108-95-2	
Pyrene	ND	ug/kg	446	181	1	04/07/21 13:00	04/07/21 19:08	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/07/21 13:00	04/07/21 19:08	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/07/21 13:00	04/07/21 19:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/07/21 13:00	04/07/21 19:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/07/21 13:00	04/07/21 19:08	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/07/21 13:00	04/07/21 19:08	321-60-8	
Terphenyl-d14 (S)	50	%	15-130		1	04/07/21 13:00	04/07/21 19:08	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 19:08	13127-88-3	
2-Fluorophenol (S)	58	%	18-130		1	04/07/21 13:00	04/07/21 19:08	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 19:08	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	147	47.2	1	04/05/21 14:44	04/05/21 23:04	67-64-1	
Benzene	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	75-25-2	
Bromomethane	ND	ug/kg	14.7	11.6	1	04/05/21 14:44	04/05/21 23:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	147	35.3	1	04/05/21 14:44	04/05/21 23:04	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	04/05/21 14:44	04/05/21 23:04	108-90-7	
Chloroethane	ND	ug/kg	14.7	5.7	1	04/05/21 14:44	04/05/21 23:04	75-00-3	
Chloroform	ND	ug/kg	7.4	4.5	1	04/05/21 14:44	04/05/21 23:04	67-66-3	
Chloromethane	ND	ug/kg	14.7	6.2	1	04/05/21 14:44	04/05/21 23:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	04/05/21 14:44	04/05/21 23:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	04/05/21 14:44	04/05/21 23:04	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.1	1	04/05/21 14:44	04/05/21 23:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.2	1	04/05/21 14:44	04/05/21 23:04	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	04/05/21 14:44	04/05/21 23:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.7	3.2	1	04/05/21 14:44	04/05/21 23:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	04/05/21 14:44	04/05/21 23:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.0	1	04/05/21 14:44	04/05/21 23:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	04/05/21 14:44	04/05/21 23:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.5	1	04/05/21 14:44	04/05/21 23:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.4	1	04/05/21 14:44	04/05/21 23:04	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-2 (2-2.5) **Lab ID: 92531093008** Collected: 04/01/21 11:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	14.7	12.0	1	04/05/21 14:44	04/05/21 23:04	87-68-3	
2-Hexanone	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.6	1	04/05/21 14:44	04/05/21 23:04	99-87-6	
Methylene Chloride	ND	ug/kg	29.4	20.2	1	04/05/21 14:44	04/05/21 23:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	73.6	7.1	1	04/05/21 14:44	04/05/21 23:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	1634-04-4	
Naphthalene	9.5	ug/kg	7.4	3.9	1	04/05/21 14:44	04/05/21 23:04	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	04/05/21 14:44	04/05/21 23:04	103-65-1	
Styrene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.8	1	04/05/21 14:44	04/05/21 23:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	04/05/21 14:44	04/05/21 23:04	127-18-4	
Toluene	3.8J	ug/kg	7.4	2.1	1	04/05/21 14:44	04/05/21 23:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	5.9	1	04/05/21 14:44	04/05/21 23:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	04/05/21 14:44	04/05/21 23:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.8	1	04/05/21 14:44	04/05/21 23:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.4	1	04/05/21 14:44	04/05/21 23:04	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1.9	1	04/05/21 14:44	04/05/21 23:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	4.0	1	04/05/21 14:44	04/05/21 23:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.7	1	04/05/21 14:44	04/05/21 23:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	04/05/21 14:44	04/05/21 23:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	04/05/21 14:44	04/05/21 23:04	108-67-8	
Vinyl acetate	ND	ug/kg	73.6	5.4	1	04/05/21 14:44	04/05/21 23:04	108-05-4	
Vinyl chloride	ND	ug/kg	14.7	3.7	1	04/05/21 14:44	04/05/21 23:04	75-01-4	
Xylene (Total)	ND	ug/kg	14.7	4.2	1	04/05/21 14:44	04/05/21 23:04	1330-20-7	
m&p-Xylene	ND	ug/kg	14.7	5.0	1	04/05/21 14:44	04/05/21 23:04	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	04/05/21 14:44	04/05/21 23:04	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:04	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/05/21 23:04	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	04/05/21 14:44	04/05/21 23:04	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	26.0	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) Lab ID: 92531093009 Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	458	168	5	04/07/21 12:56	04/07/21 21:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	458	177	5	04/07/21 12:56	04/07/21 21:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	458	160	5	04/07/21 12:56	04/07/21 21:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	458	86.3	5	04/07/21 12:56	04/07/21 21:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	458	114	5	04/07/21 12:56	04/07/21 21:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	458	86.2	5	04/07/21 12:56	04/07/21 21:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	458	110	5	04/07/21 12:56	04/07/21 21:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	50	%	10-160		5	04/07/21 12:56	04/07/21 21:07	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	536	ug/kg	28.2	2.9	1	04/07/21 12:58	04/08/21 09:54	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	47	%	31-130		1	04/07/21 12:58	04/08/21 09:54	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		1	04/07/21 12:58	04/08/21 09:54	4165-60-0	
Terphenyl-d14 (S)	61	%	24-130		1	04/07/21 12:58	04/08/21 09:54	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	83-32-9	
Acenaphthylene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	208-96-8	
Aniline	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	62-53-3	
Anthracene	309J	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	120-12-7	
Benzo(a)anthracene	1030	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	56-55-3	
Benzo(b)fluoranthene	1150	ug/kg	935	312	1	04/07/21 13:00	04/07/21 19:39	205-99-2	
Benzo(g,h,i)perylene	511J	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	191-24-2	
Benzo(k)fluoranthene	512J	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	207-08-9	
Benzoic Acid	ND	ug/kg	4670	2010	1	04/07/21 13:00	04/07/21 19:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1870	708	1	04/07/21 13:00	04/07/21 19:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	935	394	1	04/07/21 13:00	04/07/21 19:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1870	657	1	04/07/21 13:00	04/07/21 19:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1870	734	1	04/07/21 13:00	04/07/21 19:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	935	371	1	04/07/21 13:00	04/07/21 19:39	91-58-7	
2-Chlorophenol	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	935	348	1	04/07/21 13:00	04/07/21 19:39	7005-72-3	
Chrysene	945	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	53-70-3	
Dibenzofuran	ND	ug/kg	935	337	1	04/07/21 13:00	04/07/21 19:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1870	632	1	04/07/21 13:00	04/07/21 19:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) Lab ID: 92531093009 Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	935	388	1	04/07/21 13:00	04/07/21 19:39	105-67-9	
Dimethylphthalate	ND	ug/kg	935	340	1	04/07/21 13:00	04/07/21 19:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1870	872	1	04/07/21 13:00	04/07/21 19:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4670	2890	1	04/07/21 13:00	04/07/21 19:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	935	360	1	04/07/21 13:00	04/07/21 19:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	935	343	1	04/07/21 13:00	04/07/21 19:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	935	363	1	04/07/21 13:00	04/07/21 19:39	117-81-7	
Fluoranthene	2010	ug/kg	935	320	1	04/07/21 13:00	04/07/21 19:39	206-44-0	
Fluorene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	935	365	1	04/07/21 13:00	04/07/21 19:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	935	535	1	04/07/21 13:00	04/07/21 19:39	77-47-4	
Hexachloroethane	ND	ug/kg	935	357	1	04/07/21 13:00	04/07/21 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	504J	ug/kg	935	368	1	04/07/21 13:00	04/07/21 19:39	193-39-5	
Isophorone	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	935	329	1	04/07/21 13:00	04/07/21 19:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	935	374	1	04/07/21 13:00	04/07/21 19:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	935	382	1	04/07/21 13:00	04/07/21 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	935	377	1	04/07/21 13:00	04/07/21 19:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	4670	765	1	04/07/21 13:00	04/07/21 19:39	88-74-4	
3-Nitroaniline	ND	ug/kg	4670	734	1	04/07/21 13:00	04/07/21 19:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1870	711	1	04/07/21 13:00	04/07/21 19:39	100-01-6	
Nitrobenzene	ND	ug/kg	935	433	1	04/07/21 13:00	04/07/21 19:39	98-95-3	
2-Nitrophenol	ND	ug/kg	935	405	1	04/07/21 13:00	04/07/21 19:39	88-75-5	
4-Nitrophenol	ND	ug/kg	4670	1810	1	04/07/21 13:00	04/07/21 19:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	935	314	1	04/07/21 13:00	04/07/21 19:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	935	351	1	04/07/21 13:00	04/07/21 19:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	935	331	1	04/07/21 13:00	04/07/21 19:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	935	445	1	04/07/21 13:00	04/07/21 19:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1870	915	1	04/07/21 13:00	04/07/21 19:39	87-86-5	
Phenanthrene	572J	ug/kg	935	306	1	04/07/21 13:00	04/07/21 19:39	85-01-8	
Phenol	ND	ug/kg	935	416	1	04/07/21 13:00	04/07/21 19:39	108-95-2	
Pyrene	1770	ug/kg	935	380	1	04/07/21 13:00	04/07/21 19:39	129-00-0	
Pyridine	ND	ug/kg	935	295	1	04/07/21 13:00	04/07/21 19:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	935	428	1	04/07/21 13:00	04/07/21 19:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	935	385	1	04/07/21 13:00	04/07/21 19:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 19:39	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		1	04/07/21 13:00	04/07/21 19:39	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 13:00	04/07/21 19:39	1718-51-0	
Phenol-d6 (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 19:39	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 19:39	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	56	%	18-130		1	04/07/21 13:00	04/07/21 19:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	586J	ug/kg	660	212	1	04/05/21 14:44	04/05/21 23:22	67-64-1	
Benzene	174	ug/kg	33.0	13.1	1	04/05/21 14:44	04/05/21 23:22	71-43-2	
Bromobenzene	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	108-86-1	
Bromochloromethane	ND	ug/kg	33.0	9.8	1	04/05/21 14:44	04/05/21 23:22	74-97-5	
Bromodichloromethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	75-27-4	
Bromoform	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	75-25-2	
Bromomethane	ND	ug/kg	66.0	52.2	1	04/05/21 14:44	04/05/21 23:22	74-83-9	
2-Butanone (MEK)	278J	ug/kg	660	158	1	04/05/21 14:44	04/05/21 23:22	78-93-3	
n-Butylbenzene	ND	ug/kg	33.0	15.6	1	04/05/21 14:44	04/05/21 23:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	56-23-5	
Chlorobenzene	ND	ug/kg	33.0	6.3	1	04/05/21 14:44	04/05/21 23:22	108-90-7	
Chloroethane	ND	ug/kg	66.0	25.5	1	04/05/21 14:44	04/05/21 23:22	75-00-3	
Chloroform	ND	ug/kg	33.0	20.1	1	04/05/21 14:44	04/05/21 23:22	67-66-3	
Chloromethane	ND	ug/kg	66.0	27.7	1	04/05/21 14:44	04/05/21 23:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	33.0	11.7	1	04/05/21 14:44	04/05/21 23:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	33.0	5.8	1	04/05/21 14:44	04/05/21 23:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	33.0	12.8	1	04/05/21 14:44	04/05/21 23:22	96-12-8	
Dibromochloromethane	ND	ug/kg	33.0	18.6	1	04/05/21 14:44	04/05/21 23:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	33.0	14.5	1	04/05/21 14:44	04/05/21 23:22	106-93-4	
Dibromomethane	ND	ug/kg	33.0	7.1	1	04/05/21 14:44	04/05/21 23:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	33.0	11.9	1	04/05/21 14:44	04/05/21 23:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	33.0	10.2	1	04/05/21 14:44	04/05/21 23:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	33.0	8.6	1	04/05/21 14:44	04/05/21 23:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	66.0	14.3	1	04/05/21 14:44	04/05/21 23:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	33.0	21.9	1	04/05/21 14:44	04/05/21 23:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	33.0	13.6	1	04/05/21 14:44	04/05/21 23:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	33.0	11.3	1	04/05/21 14:44	04/05/21 23:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	33.0	11.6	1	04/05/21 14:44	04/05/21 23:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	33.0	9.9	1	04/05/21 14:44	04/05/21 23:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	33.0	10.3	1	04/05/21 14:44	04/05/21 23:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	33.0	10.8	1	04/05/21 14:44	04/05/21 23:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	33.0	15.8	1	04/05/21 14:44	04/05/21 23:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	33.0	11.4	1	04/05/21 14:44	04/05/21 23:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	33.0	8.9	1	04/05/21 14:44	04/05/21 23:22	108-20-3	
Ethylbenzene	70.3	ug/kg	33.0	15.4	1	04/05/21 14:44	04/05/21 23:22	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (0-0.6) **Lab ID: 92531093009** Collected: 04/01/21 13:15 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	66.0	54.0	1	04/05/21 14:44	04/05/21 23:22	87-68-3	
2-Hexanone	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	591-78-6	
Isopropylbenzene (Cumene)	20.6J	ug/kg	33.0	11.2	1	04/05/21 14:44	04/05/21 23:22	98-82-8	
p-Isopropyltoluene	37.6	ug/kg	33.0	16.2	1	04/05/21 14:44	04/05/21 23:22	99-87-6	
Methylene Chloride	ND	ug/kg	132	90.5	1	04/05/21 14:44	04/05/21 23:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	330	31.8	1	04/05/21 14:44	04/05/21 23:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	33.0	12.3	1	04/05/21 14:44	04/05/21 23:22	1634-04-4	
Naphthalene	3350	ug/kg	33.0	17.4	1	04/05/21 14:44	04/05/21 23:22	91-20-3	
n-Propylbenzene	19.0J	ug/kg	33.0	11.8	1	04/05/21 14:44	04/05/21 23:22	103-65-1	
Styrene	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	33.0	12.7	1	04/05/21 14:44	04/05/21 23:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	33.0	8.7	1	04/05/21 14:44	04/05/21 23:22	79-34-5	
Tetrachloroethene	ND	ug/kg	33.0	10.4	1	04/05/21 14:44	04/05/21 23:22	127-18-4	
Toluene	391	ug/kg	33.0	9.4	1	04/05/21 14:44	04/05/21 23:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	33.0	26.7	1	04/05/21 14:44	04/05/21 23:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	33.0	27.7	1	04/05/21 14:44	04/05/21 23:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	33.0	17.2	1	04/05/21 14:44	04/05/21 23:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	33.0	11.0	1	04/05/21 14:44	04/05/21 23:22	79-00-5	
Trichloroethene	ND	ug/kg	33.0	8.5	1	04/05/21 14:44	04/05/21 23:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	33.0	18.2	1	04/05/21 14:44	04/05/21 23:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	33.0	16.7	1	04/05/21 14:44	04/05/21 23:22	96-18-4	
1,2,4-Trimethylbenzene	109	ug/kg	33.0	9.0	1	04/05/21 14:44	04/05/21 23:22	95-63-6	
1,3,5-Trimethylbenzene	53.6	ug/kg	33.0	11.1	1	04/05/21 14:44	04/05/21 23:22	108-67-8	
Vinyl acetate	ND	ug/kg	330	24.0	1	04/05/21 14:44	04/05/21 23:22	108-05-4	
Vinyl chloride	ND	ug/kg	66.0	16.8	1	04/05/21 14:44	04/05/21 23:22	75-01-4	
Xylene (Total)	454	ug/kg	66.0	18.8	1	04/05/21 14:44	04/05/21 23:22	1330-20-7	
m&p-Xylene	347	ug/kg	66.0	22.6	1	04/05/21 14:44	04/05/21 23:22	179601-23-1	
o-Xylene	107	ug/kg	33.0	14.6	1	04/05/21 14:44	04/05/21 23:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:22	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:22	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/05/21 14:44	04/05/21 23:22	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	64.2	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.9	18.3	1	04/07/21 12:56	04/07/21 19:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.9	19.2	1	04/07/21 12:56	04/07/21 19:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.9	17.5	1	04/07/21 12:56	04/07/21 19:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.9	12.5	1	04/07/21 12:56	04/07/21 19:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.9	9.4	1	04/07/21 12:56	04/07/21 19:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.9	11.9	1	04/07/21 12:56	04/07/21 19:13	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	61	%	10-160		1	04/07/21 12:56	04/07/21 19:13	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	48.9	ug/kg	15.1	1.6	1	04/07/21 12:58	04/08/21 10:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/07/21 12:58	04/08/21 10:14	321-60-8	
Nitrobenzene-d5 (S)	92	%	32-130		1	04/07/21 12:58	04/08/21 10:14	4165-60-0	
Terphenyl-d14 (S)	72	%	24-130		1	04/07/21 12:58	04/08/21 10:14	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	83-32-9	
Acenaphthylene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	208-96-8	
Aniline	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	62-53-3	
Anthracene	ND	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	499	166	1	04/07/21 13:00	04/07/21 20:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	207-08-9	
Benzoic Acid	ND	ug/kg	2490	1070	1	04/07/21 13:00	04/07/21 20:09	65-85-0	
Benzyl alcohol	ND	ug/kg	998	378	1	04/07/21 13:00	04/07/21 20:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	499	210	1	04/07/21 13:00	04/07/21 20:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	998	351	1	04/07/21 13:00	04/07/21 20:09	59-50-7	
4-Chloroaniline	ND	ug/kg	998	392	1	04/07/21 13:00	04/07/21 20:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	499	198	1	04/07/21 13:00	04/07/21 20:09	91-58-7	
2-Chlorophenol	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	499	186	1	04/07/21 13:00	04/07/21 20:09	7005-72-3	
Chrysene	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	53-70-3	
Dibenzofuran	ND	ug/kg	499	180	1	04/07/21 13:00	04/07/21 20:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	998	337	1	04/07/21 13:00	04/07/21 20:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	499	207	1	04/07/21 13:00	04/07/21 20:09	105-67-9	
Dimethylphthalate	ND	ug/kg	499	181	1	04/07/21 13:00	04/07/21 20:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	998	466	1	04/07/21 13:00	04/07/21 20:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2490	1540	1	04/07/21 13:00	04/07/21 20:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	499	192	1	04/07/21 13:00	04/07/21 20:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	499	183	1	04/07/21 13:00	04/07/21 20:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	499	193	1	04/07/21 13:00	04/07/21 20:09	117-81-7	
Fluoranthene	262J	ug/kg	499	171	1	04/07/21 13:00	04/07/21 20:09	206-44-0	
Fluorene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	499	195	1	04/07/21 13:00	04/07/21 20:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	499	286	1	04/07/21 13:00	04/07/21 20:09	77-47-4	
Hexachloroethane	ND	ug/kg	499	190	1	04/07/21 13:00	04/07/21 20:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	499	197	1	04/07/21 13:00	04/07/21 20:09	193-39-5	
Isophorone	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	499	175	1	04/07/21 13:00	04/07/21 20:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	499	200	1	04/07/21 13:00	04/07/21 20:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	499	204	1	04/07/21 13:00	04/07/21 20:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	499	201	1	04/07/21 13:00	04/07/21 20:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2490	408	1	04/07/21 13:00	04/07/21 20:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2490	392	1	04/07/21 13:00	04/07/21 20:09	99-09-2	
4-Nitroaniline	ND	ug/kg	998	379	1	04/07/21 13:00	04/07/21 20:09	100-01-6	
Nitrobenzene	ND	ug/kg	499	231	1	04/07/21 13:00	04/07/21 20:09	98-95-3	
2-Nitrophenol	ND	ug/kg	499	216	1	04/07/21 13:00	04/07/21 20:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2490	964	1	04/07/21 13:00	04/07/21 20:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	499	168	1	04/07/21 13:00	04/07/21 20:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	499	187	1	04/07/21 13:00	04/07/21 20:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	499	177	1	04/07/21 13:00	04/07/21 20:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	499	237	1	04/07/21 13:00	04/07/21 20:09	108-60-1	
Pentachlorophenol	ND	ug/kg	998	488	1	04/07/21 13:00	04/07/21 20:09	87-86-5	
Phenanthrene	174J	ug/kg	499	163	1	04/07/21 13:00	04/07/21 20:09	85-01-8	
Phenol	ND	ug/kg	499	222	1	04/07/21 13:00	04/07/21 20:09	108-95-2	
Pyrene	229J	ug/kg	499	203	1	04/07/21 13:00	04/07/21 20:09	129-00-0	
Pyridine	ND	ug/kg	499	157	1	04/07/21 13:00	04/07/21 20:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	499	228	1	04/07/21 13:00	04/07/21 20:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	499	206	1	04/07/21 13:00	04/07/21 20:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	04/07/21 13:00	04/07/21 20:09	4165-60-0	
2-Fluorobiphenyl (S)	55	%	19-130		1	04/07/21 13:00	04/07/21 20:09	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 20:09	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	04/07/21 13:00	04/07/21 20:09	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/07/21 13:00	04/07/21 20:09	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	71	%	18-130		1	04/07/21 13:00	04/07/21 20:09	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	198	63.6	1	04/05/21 14:44	04/05/21 23:40	67-64-1	
Benzene	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/05/21 23:40	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/05/21 23:40	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	75-25-2	
Bromomethane	ND	ug/kg	19.8	15.7	1	04/05/21 14:44	04/05/21 23:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	198	47.6	1	04/05/21 14:44	04/05/21 23:40	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/05/21 23:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/05/21 23:40	108-90-7	
Chloroethane	ND	ug/kg	19.8	7.6	1	04/05/21 14:44	04/05/21 23:40	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/05/21 23:40	67-66-3	
Chloromethane	ND	ug/kg	19.8	8.3	1	04/05/21 14:44	04/05/21 23:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/05/21 23:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/05/21 23:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/05/21 23:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/05/21 23:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.8	4.3	1	04/05/21 14:44	04/05/21 23:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/05/21 23:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/05/21 23:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/05/21 23:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/05/21 23:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/05/21 23:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/05/21 23:40	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3 (4-5) **Lab ID: 92531093010** Collected: 04/01/21 13:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	19.8	16.2	1	04/05/21 14:44	04/05/21 23:40	87-68-3	
2-Hexanone	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	591-78-6	
Isopropylbenzene (Cumene)	7.1J	ug/kg	9.9	3.4	1	04/05/21 14:44	04/05/21 23:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/05/21 23:40	99-87-6	
Methylene Chloride	ND	ug/kg	39.6	27.1	1	04/05/21 14:44	04/05/21 23:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.1	9.6	1	04/05/21 14:44	04/05/21 23:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/05/21 23:40	1634-04-4	
Naphthalene	250	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/05/21 23:40	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/05/21 23:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/05/21 23:40	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/05/21 23:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/05/21 23:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/05/21 23:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/05/21 23:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/05/21 23:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.4	1	04/05/21 14:44	04/05/21 23:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/05/21 23:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/05/21 23:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/05/21 23:40	108-67-8	
Vinyl acetate	ND	ug/kg	99.1	7.2	1	04/05/21 14:44	04/05/21 23:40	108-05-4	
Vinyl chloride	ND	ug/kg	19.8	5.0	1	04/05/21 14:44	04/05/21 23:40	75-01-4	
Xylene (Total)	6.9J	ug/kg	19.8	5.6	1	04/05/21 14:44	04/05/21 23:40	1330-20-7	
m&p-Xylene	6.9J	ug/kg	19.8	6.8	1	04/05/21 14:44	04/05/21 23:40	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/05/21 23:40	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/05/21 23:40	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:40	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1	04/05/21 14:44	04/05/21 23:40	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	33.0	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	48.5	17.7	1	04/07/21 12:56	04/07/21 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	48.5	18.7	1	04/07/21 12:56	04/07/21 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	48.5	17.0	1	04/07/21 12:56	04/07/21 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	48.5	12.1	1	04/07/21 12:56	04/07/21 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	48.5	9.1	1	04/07/21 12:56	04/07/21 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	48.5	11.6	1	04/07/21 12:56	04/07/21 19:27	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	38	%	10-160		1	04/07/21 12:56	04/07/21 19:27	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	8.5J	ug/kg	14.3	1.5	1	04/07/21 12:58	04/08/21 10:34	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	70	%	31-130		1	04/07/21 12:58	04/08/21 10:34	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 10:34	4165-60-0	
Terphenyl-d14 (S)	107	%	24-130		1	04/07/21 12:58	04/08/21 10:34	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	83-32-9	
Acenaphthylene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	208-96-8	
Aniline	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	62-53-3	
Anthracene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	473	158	1	04/07/21 13:00	04/07/21 20:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	207-08-9	
Benzoic Acid	ND	ug/kg	2370	1020	1	04/07/21 13:00	04/07/21 20:39	65-85-0	
Benzyl alcohol	ND	ug/kg	947	359	1	04/07/21 13:00	04/07/21 20:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	473	199	1	04/07/21 13:00	04/07/21 20:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	947	333	1	04/07/21 13:00	04/07/21 20:39	59-50-7	
4-Chloroaniline	ND	ug/kg	947	372	1	04/07/21 13:00	04/07/21 20:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	473	188	1	04/07/21 13:00	04/07/21 20:39	91-58-7	
2-Chlorophenol	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	473	176	1	04/07/21 13:00	04/07/21 20:39	7005-72-3	
Chrysene	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	53-70-3	
Dibenzofuran	ND	ug/kg	473	171	1	04/07/21 13:00	04/07/21 20:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	947	320	1	04/07/21 13:00	04/07/21 20:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	473	197	1	04/07/21 13:00	04/07/21 20:39	105-67-9	
Dimethylphthalate	ND	ug/kg	473	172	1	04/07/21 13:00	04/07/21 20:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	947	442	1	04/07/21 13:00	04/07/21 20:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2370	1460	1	04/07/21 13:00	04/07/21 20:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	473	182	1	04/07/21 13:00	04/07/21 20:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	473	174	1	04/07/21 13:00	04/07/21 20:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	473	184	1	04/07/21 13:00	04/07/21 20:39	117-81-7	
Fluoranthene	ND	ug/kg	473	162	1	04/07/21 13:00	04/07/21 20:39	206-44-0	
Fluorene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	473	185	1	04/07/21 13:00	04/07/21 20:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	473	271	1	04/07/21 13:00	04/07/21 20:39	77-47-4	
Hexachloroethane	ND	ug/kg	473	181	1	04/07/21 13:00	04/07/21 20:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	473	187	1	04/07/21 13:00	04/07/21 20:39	193-39-5	
Isophorone	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	473	166	1	04/07/21 13:00	04/07/21 20:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	473	189	1	04/07/21 13:00	04/07/21 20:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	473	194	1	04/07/21 13:00	04/07/21 20:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	473	191	1	04/07/21 13:00	04/07/21 20:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2370	387	1	04/07/21 13:00	04/07/21 20:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2370	372	1	04/07/21 13:00	04/07/21 20:39	99-09-2	
4-Nitroaniline	ND	ug/kg	947	360	1	04/07/21 13:00	04/07/21 20:39	100-01-6	
Nitrobenzene	ND	ug/kg	473	220	1	04/07/21 13:00	04/07/21 20:39	98-95-3	
2-Nitrophenol	ND	ug/kg	473	205	1	04/07/21 13:00	04/07/21 20:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2370	915	1	04/07/21 13:00	04/07/21 20:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	473	159	1	04/07/21 13:00	04/07/21 20:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	473	178	1	04/07/21 13:00	04/07/21 20:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	473	168	1	04/07/21 13:00	04/07/21 20:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	473	225	1	04/07/21 13:00	04/07/21 20:39	108-60-1	
Pentachlorophenol	ND	ug/kg	947	463	1	04/07/21 13:00	04/07/21 20:39	87-86-5	
Phenanthrene	ND	ug/kg	473	155	1	04/07/21 13:00	04/07/21 20:39	85-01-8	
Phenol	ND	ug/kg	473	211	1	04/07/21 13:00	04/07/21 20:39	108-95-2	
Pyrene	ND	ug/kg	473	192	1	04/07/21 13:00	04/07/21 20:39	129-00-0	
Pyridine	ND	ug/kg	473	149	1	04/07/21 13:00	04/07/21 20:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	473	217	1	04/07/21 13:00	04/07/21 20:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	473	195	1	04/07/21 13:00	04/07/21 20:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 13:00	04/07/21 20:39	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	04/07/21 13:00	04/07/21 20:39	321-60-8	
Terphenyl-d14 (S)	55	%	15-130		1	04/07/21 13:00	04/07/21 20:39	1718-51-0	
Phenol-d6 (S)	62	%	18-130		1	04/07/21 13:00	04/07/21 20:39	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 20:39	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 13:00	04/07/21 20:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	112	36.0	1	04/05/21 14:44	04/05/21 23:58	67-64-1	
Benzene	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	75-27-4	
Bromoform	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	75-25-2	
Bromomethane	ND	ug/kg	11.2	8.9	1	04/05/21 14:44	04/05/21 23:58	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	26.9	1	04/05/21 14:44	04/05/21 23:58	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1.1	1	04/05/21 14:44	04/05/21 23:58	108-90-7	
Chloroethane	ND	ug/kg	11.2	4.3	1	04/05/21 14:44	04/05/21 23:58	75-00-3	
Chloroform	ND	ug/kg	5.6	3.4	1	04/05/21 14:44	04/05/21 23:58	67-66-3	
Chloromethane	ND	ug/kg	11.2	4.7	1	04/05/21 14:44	04/05/21 23:58	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	0.99	1	04/05/21 14:44	04/05/21 23:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1.2	1	04/05/21 14:44	04/05/21 23:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	2.4	1	04/05/21 14:44	04/05/21 23:58	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	3.7	1	04/05/21 14:44	04/05/21 23:58	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.3	1	04/05/21 14:44	04/05/21 23:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1.7	1	04/05/21 14:44	04/05/21 23:58	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	2.7	1	04/05/21 14:44	04/05/21 23:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	04/05/21 14:44	04/05/21 23:58	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (0-0.6) **Lab ID: 92531093011** Collected: 04/01/21 14:20 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	11.2	9.2	1	04/05/21 14:44	04/05/21 23:58	87-68-3	
2-Hexanone	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	15.4	1	04/05/21 14:44	04/05/21 23:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.0	5.4	1	04/05/21 14:44	04/05/21 23:58	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	04/05/21 14:44	04/05/21 23:58	1634-04-4	
Naphthalene	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	2.0	1	04/05/21 14:44	04/05/21 23:58	103-65-1	
Styrene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.2	1	04/05/21 14:44	04/05/21 23:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.8	1	04/05/21 14:44	04/05/21 23:58	127-18-4	
Toluene	ND	ug/kg	5.6	1.6	1	04/05/21 14:44	04/05/21 23:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	4.5	1	04/05/21 14:44	04/05/21 23:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	4.7	1	04/05/21 14:44	04/05/21 23:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	2.9	1	04/05/21 14:44	04/05/21 23:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1.4	1	04/05/21 14:44	04/05/21 23:58	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	3.1	1	04/05/21 14:44	04/05/21 23:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	2.8	1	04/05/21 14:44	04/05/21 23:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1.5	1	04/05/21 14:44	04/05/21 23:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1.9	1	04/05/21 14:44	04/05/21 23:58	108-67-8	
Vinyl acetate	ND	ug/kg	56.0	4.1	1	04/05/21 14:44	04/05/21 23:58	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	2.8	1	04/05/21 14:44	04/05/21 23:58	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	3.2	1	04/05/21 14:44	04/05/21 23:58	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	3.8	1	04/05/21 14:44	04/05/21 23:58	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	04/05/21 14:44	04/05/21 23:58	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/05/21 23:58	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/05/21 14:44	04/05/21 23:58	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/05/21 23:58	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	31.2	%	0.10	0.10	1		04/05/21 13:19		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	51.4	18.8	1	04/07/21 12:56	04/07/21 19:42	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	51.4	19.8	1	04/07/21 12:56	04/07/21 19:42	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	51.4	18.0	1	04/07/21 12:56	04/07/21 19:42	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	51.4	12.8	1	04/07/21 12:56	04/07/21 19:42	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	51.4	9.7	1	04/07/21 12:56	04/07/21 19:42	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	51.4	12.3	1	04/07/21 12:56	04/07/21 19:42	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	29	%	10-160		1	04/07/21 12:56	04/07/21 19:42	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	50.7	ug/kg	15.7	1.6	1	04/07/21 12:58	04/08/21 10:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	74	%	31-130		1	04/07/21 12:58	04/08/21 10:55	321-60-8	
Nitrobenzene-d5 (S)	89	%	32-130		1	04/07/21 12:58	04/08/21 10:55	4165-60-0	
Terphenyl-d14 (S)	104	%	24-130		1	04/07/21 12:58	04/08/21 10:55	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	83-32-9	
Acenaphthylene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	208-96-8	
Aniline	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	62-53-3	
Anthracene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	120-12-7	
Benzo(a)anthracene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	514	171	1	04/07/21 13:00	04/07/21 21:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	207-08-9	
Benzoic Acid	ND	ug/kg	2570	1100	1	04/07/21 13:00	04/07/21 21:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	390	1	04/07/21 13:00	04/07/21 21:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	514	217	1	04/07/21 13:00	04/07/21 21:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	361	1	04/07/21 13:00	04/07/21 21:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	404	1	04/07/21 13:00	04/07/21 21:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	514	204	1	04/07/21 13:00	04/07/21 21:09	91-58-7	
2-Chlorophenol	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	514	192	1	04/07/21 13:00	04/07/21 21:09	7005-72-3	
Chrysene	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	53-70-3	
Dibenzofuran	ND	ug/kg	514	185	1	04/07/21 13:00	04/07/21 21:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	347	1	04/07/21 13:00	04/07/21 21:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	514	213	1	04/07/21 13:00	04/07/21 21:09	105-67-9	
Dimethylphthalate	ND	ug/kg	514	187	1	04/07/21 13:00	04/07/21 21:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	480	1	04/07/21 13:00	04/07/21 21:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2570	1590	1	04/07/21 13:00	04/07/21 21:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	514	198	1	04/07/21 13:00	04/07/21 21:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	514	189	1	04/07/21 13:00	04/07/21 21:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	514	199	1	04/07/21 13:00	04/07/21 21:09	117-81-7	
Fluoranthene	ND	ug/kg	514	176	1	04/07/21 13:00	04/07/21 21:09	206-44-0	
Fluorene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	514	201	1	04/07/21 13:00	04/07/21 21:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	514	294	1	04/07/21 13:00	04/07/21 21:09	77-47-4	
Hexachloroethane	ND	ug/kg	514	196	1	04/07/21 13:00	04/07/21 21:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	514	203	1	04/07/21 13:00	04/07/21 21:09	193-39-5	
Isophorone	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	514	181	1	04/07/21 13:00	04/07/21 21:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	514	206	1	04/07/21 13:00	04/07/21 21:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	514	210	1	04/07/21 13:00	04/07/21 21:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	514	207	1	04/07/21 13:00	04/07/21 21:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2570	421	1	04/07/21 13:00	04/07/21 21:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2570	404	1	04/07/21 13:00	04/07/21 21:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	391	1	04/07/21 13:00	04/07/21 21:09	100-01-6	
Nitrobenzene	ND	ug/kg	514	238	1	04/07/21 13:00	04/07/21 21:09	98-95-3	
2-Nitrophenol	ND	ug/kg	514	223	1	04/07/21 13:00	04/07/21 21:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2570	994	1	04/07/21 13:00	04/07/21 21:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	514	173	1	04/07/21 13:00	04/07/21 21:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	514	193	1	04/07/21 13:00	04/07/21 21:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	514	182	1	04/07/21 13:00	04/07/21 21:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	514	245	1	04/07/21 13:00	04/07/21 21:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	503	1	04/07/21 13:00	04/07/21 21:09	87-86-5	
Phenanthrene	ND	ug/kg	514	168	1	04/07/21 13:00	04/07/21 21:09	85-01-8	
Phenol	ND	ug/kg	514	229	1	04/07/21 13:00	04/07/21 21:09	108-95-2	
Pyrene	ND	ug/kg	514	209	1	04/07/21 13:00	04/07/21 21:09	129-00-0	
Pyridine	ND	ug/kg	514	162	1	04/07/21 13:00	04/07/21 21:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	514	235	1	04/07/21 13:00	04/07/21 21:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	514	212	1	04/07/21 13:00	04/07/21 21:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/07/21 13:00	04/07/21 21:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 21:09	321-60-8	
Terphenyl-d14 (S)	58	%	15-130		1	04/07/21 13:00	04/07/21 21:09	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/07/21 13:00	04/07/21 21:09	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/07/21 13:00	04/07/21 21:09	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 21:09	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	199	63.8	1	04/05/21 14:44	04/06/21 00:16	67-64-1	
Benzene	ND	ug/kg	9.9	4.0	1	04/05/21 14:44	04/06/21 00:16	71-43-2	
Bromobenzene	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	108-86-1	
Bromochloromethane	ND	ug/kg	9.9	2.9	1	04/05/21 14:44	04/06/21 00:16	74-97-5	
Bromodichloromethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	75-27-4	
Bromoform	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.7	1	04/05/21 14:44	04/06/21 00:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	199	47.7	1	04/05/21 14:44	04/06/21 00:16	78-93-3	
n-Butylbenzene	ND	ug/kg	9.9	4.7	1	04/05/21 14:44	04/06/21 00:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	56-23-5	
Chlorobenzene	ND	ug/kg	9.9	1.9	1	04/05/21 14:44	04/06/21 00:16	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	04/05/21 14:44	04/06/21 00:16	75-00-3	
Chloroform	ND	ug/kg	9.9	6.0	1	04/05/21 14:44	04/06/21 00:16	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.3	1	04/05/21 14:44	04/06/21 00:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.9	1.8	1	04/05/21 14:44	04/06/21 00:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.9	3.9	1	04/05/21 14:44	04/06/21 00:16	96-12-8	
Dibromochloromethane	ND	ug/kg	9.9	5.6	1	04/05/21 14:44	04/06/21 00:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	106-93-4	
Dibromomethane	ND	ug/kg	9.9	2.1	1	04/05/21 14:44	04/06/21 00:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.9	3.6	1	04/05/21 14:44	04/06/21 00:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	04/05/21 14:44	04/06/21 00:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.9	6.6	1	04/05/21 14:44	04/06/21 00:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.9	4.1	1	04/05/21 14:44	04/06/21 00:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.9	3.0	1	04/05/21 14:44	04/06/21 00:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.9	3.2	1	04/05/21 14:44	04/06/21 00:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.9	4.8	1	04/05/21 14:44	04/06/21 00:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	108-20-3	
Ethylbenzene	ND	ug/kg	9.9	4.6	1	04/05/21 14:44	04/06/21 00:16	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3A (2-2.5) **Lab ID: 92531093012** Collected: 04/01/21 14:40 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	04/05/21 14:44	04/06/21 00:16	87-68-3	
2-Hexanone	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.9	3.4	1	04/05/21 14:44	04/06/21 00:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.9	4.9	1	04/05/21 14:44	04/06/21 00:16	99-87-6	
Methylene Chloride	ND	ug/kg	39.7	27.2	1	04/05/21 14:44	04/06/21 00:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.3	9.6	1	04/05/21 14:44	04/06/21 00:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.9	3.7	1	04/05/21 14:44	04/06/21 00:16	1634-04-4	
Naphthalene	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	91-20-3	
n-Propylbenzene	ND	ug/kg	9.9	3.5	1	04/05/21 14:44	04/06/21 00:16	103-65-1	
Styrene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.9	3.8	1	04/05/21 14:44	04/06/21 00:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-34-5	
Tetrachloroethene	ND	ug/kg	9.9	3.1	1	04/05/21 14:44	04/06/21 00:16	127-18-4	
Toluene	ND	ug/kg	9.9	2.8	1	04/05/21 14:44	04/06/21 00:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.9	8.0	1	04/05/21 14:44	04/06/21 00:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.9	8.3	1	04/05/21 14:44	04/06/21 00:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.9	5.2	1	04/05/21 14:44	04/06/21 00:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	79-00-5	
Trichloroethene	ND	ug/kg	9.9	2.6	1	04/05/21 14:44	04/06/21 00:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.9	5.5	1	04/05/21 14:44	04/06/21 00:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.9	5.0	1	04/05/21 14:44	04/06/21 00:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.9	2.7	1	04/05/21 14:44	04/06/21 00:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.9	3.3	1	04/05/21 14:44	04/06/21 00:16	108-67-8	
Vinyl acetate	ND	ug/kg	99.3	7.2	1	04/05/21 14:44	04/06/21 00:16	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.0	1	04/05/21 14:44	04/06/21 00:16	75-01-4	
Xylene (Total)	ND	ug/kg	19.9	5.7	1	04/05/21 14:44	04/06/21 00:16	1330-20-7	
m&p-Xylene	ND	ug/kg	19.9	6.8	1	04/05/21 14:44	04/06/21 00:16	179601-23-1	
o-Xylene	ND	ug/kg	9.9	4.4	1	04/05/21 14:44	04/06/21 00:16	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/05/21 14:44	04/06/21 00:16	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134		1	04/05/21 14:44	04/06/21 00:16	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 00:16	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	35.6	%	0.10	0.10	1		04/05/21 13:19		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) Lab ID: 92531093013 Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	277	101	5	04/07/21 12:56	04/07/21 22:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	277	107	5	04/07/21 12:56	04/07/21 22:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	277	97.0	5	04/07/21 12:56	04/07/21 22:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	277	52.2	5	04/07/21 12:56	04/07/21 22:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	277	69.2	5	04/07/21 12:56	04/07/21 22:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	277	52.1	5	04/07/21 12:56	04/07/21 22:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	277	66.2	5	04/07/21 12:56	04/07/21 22:33	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	72	%	10-160		5	04/07/21 12:56	04/07/21 22:33	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	862	ug/kg	16.7	1.7	1	04/07/21 12:58	04/08/21 11:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	69	%	31-130		1	04/07/21 12:58	04/08/21 11:15	321-60-8	
Nitrobenzene-d5 (S)	94	%	32-130		1	04/07/21 12:58	04/08/21 11:15	4165-60-0	
Terphenyl-d14 (S)	106	%	24-130		1	04/07/21 12:58	04/08/21 11:15	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	83-32-9	
Acenaphthylene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	208-96-8	
Aniline	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	62-53-3	
Anthracene	ND	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	120-12-7	
Benzo(a)anthracene	546J	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	56-55-3	
Benzo(b)fluoranthene	633	ug/kg	550	183	1	04/07/21 13:00	04/07/21 21:39	205-99-2	
Benzo(g,h,i)perylene	301J	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	191-24-2	
Benzo(k)fluoranthene	287J	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	207-08-9	
Benzoic Acid	ND	ug/kg	2750	1180	1	04/07/21 13:00	04/07/21 21:39	65-85-0	
Benzyl alcohol	ND	ug/kg	1100	417	1	04/07/21 13:00	04/07/21 21:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	550	232	1	04/07/21 13:00	04/07/21 21:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1100	387	1	04/07/21 13:00	04/07/21 21:39	59-50-7	
4-Chloroaniline	ND	ug/kg	1100	432	1	04/07/21 13:00	04/07/21 21:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	111-44-4	
2-Chloronaphthalene	ND	ug/kg	550	218	1	04/07/21 13:00	04/07/21 21:39	91-58-7	
2-Chlorophenol	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	550	205	1	04/07/21 13:00	04/07/21 21:39	7005-72-3	
Chrysene	518J	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	53-70-3	
Dibenzofuran	ND	ug/kg	550	198	1	04/07/21 13:00	04/07/21 21:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1100	372	1	04/07/21 13:00	04/07/21 21:39	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) **Lab ID: 92531093013** Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	550	228	1	04/07/21 13:00	04/07/21 21:39	105-67-9	
Dimethylphthalate	ND	ug/kg	550	200	1	04/07/21 13:00	04/07/21 21:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1100	514	1	04/07/21 13:00	04/07/21 21:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2750	1700	1	04/07/21 13:00	04/07/21 21:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	550	212	1	04/07/21 13:00	04/07/21 21:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	550	202	1	04/07/21 13:00	04/07/21 21:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	550	213	1	04/07/21 13:00	04/07/21 21:39	117-81-7	
Fluoranthene	907	ug/kg	550	188	1	04/07/21 13:00	04/07/21 21:39	206-44-0	
Fluorene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	86-73-7	
Hexachlorobenzene	ND	ug/kg	550	215	1	04/07/21 13:00	04/07/21 21:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	550	315	1	04/07/21 13:00	04/07/21 21:39	77-47-4	
Hexachloroethane	ND	ug/kg	550	210	1	04/07/21 13:00	04/07/21 21:39	67-72-1	
Indeno(1,2,3-cd)pyrene	264J	ug/kg	550	217	1	04/07/21 13:00	04/07/21 21:39	193-39-5	
Isophorone	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	550	193	1	04/07/21 13:00	04/07/21 21:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	550	220	1	04/07/21 13:00	04/07/21 21:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	550	225	1	04/07/21 13:00	04/07/21 21:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	550	222	1	04/07/21 13:00	04/07/21 21:39	15831-10-4	
2-Nitroaniline	ND	ug/kg	2750	450	1	04/07/21 13:00	04/07/21 21:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2750	432	1	04/07/21 13:00	04/07/21 21:39	99-09-2	
4-Nitroaniline	ND	ug/kg	1100	419	1	04/07/21 13:00	04/07/21 21:39	100-01-6	
Nitrobenzene	ND	ug/kg	550	255	1	04/07/21 13:00	04/07/21 21:39	98-95-3	
2-Nitrophenol	ND	ug/kg	550	239	1	04/07/21 13:00	04/07/21 21:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2750	1060	1	04/07/21 13:00	04/07/21 21:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	550	185	1	04/07/21 13:00	04/07/21 21:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	550	207	1	04/07/21 13:00	04/07/21 21:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	550	195	1	04/07/21 13:00	04/07/21 21:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	550	262	1	04/07/21 13:00	04/07/21 21:39	108-60-1	
Pentachlorophenol	ND	ug/kg	1100	539	1	04/07/21 13:00	04/07/21 21:39	87-86-5	
Phenanthrene	301J	ug/kg	550	180	1	04/07/21 13:00	04/07/21 21:39	85-01-8	
Phenol	ND	ug/kg	550	245	1	04/07/21 13:00	04/07/21 21:39	108-95-2	
Pyrene	808	ug/kg	550	223	1	04/07/21 13:00	04/07/21 21:39	129-00-0	
Pyridine	ND	ug/kg	550	173	1	04/07/21 13:00	04/07/21 21:39	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	550	252	1	04/07/21 13:00	04/07/21 21:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	550	227	1	04/07/21 13:00	04/07/21 21:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	21-130		1	04/07/21 13:00	04/07/21 21:39	4165-60-0	
2-Fluorobiphenyl (S)	29	%	19-130		1	04/07/21 13:00	04/07/21 21:39	321-60-8	
Terphenyl-d14 (S)	52	%	15-130		1	04/07/21 13:00	04/07/21 21:39	1718-51-0	
Phenol-d6 (S)	51	%	18-130		1	04/07/21 13:00	04/07/21 21:39	13127-88-3	
2-Fluorophenol (S)	50	%	18-130		1	04/07/21 13:00	04/07/21 21:39	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) Lab ID: 92531093013 Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	45	%	18-130		1	04/07/21 13:00	04/07/21 21:39	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	119J	ug/kg	256	82.3	1	04/05/21 14:44	04/06/21 00:34	67-64-1	
Benzene	7.2J	ug/kg	12.8	5.1	1	04/05/21 14:44	04/06/21 00:34	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.3	1	04/05/21 14:44	04/06/21 00:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.5	1	04/05/21 14:44	04/06/21 00:34	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/05/21 14:44	04/06/21 00:34	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/05/21 14:44	04/06/21 00:34	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/05/21 14:44	04/06/21 00:34	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.8	1	04/05/21 14:44	04/06/21 00:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/05/21 14:44	04/06/21 00:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/05/21 14:44	04/06/21 00:34	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/05/21 14:44	04/06/21 00:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/05/21 14:44	04/06/21 00:34	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/05/21 14:44	04/06/21 00:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.6	1	04/05/21 14:44	04/06/21 00:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/05/21 14:44	04/06/21 00:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/05/21 14:44	04/06/21 00:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/05/21 14:44	04/06/21 00:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/05/21 14:44	04/06/21 00:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/05/21 14:44	04/06/21 00:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/05/21 14:44	04/06/21 00:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.2	1	04/05/21 14:44	04/06/21 00:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	108-20-3	
Ethylbenzene	10.6J	ug/kg	12.8	6.0	1	04/05/21 14:44	04/06/21 00:34	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (0-0.6) Lab ID: 92531093013 Collected: 04/01/21 13:45 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	21.0	1	04/05/21 14:44	04/06/21 00:34	87-68-3	
2-Hexanone	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.4	1	04/05/21 14:44	04/06/21 00:34	98-82-8	
p-Isopropyltoluene	7.7J	ug/kg	12.8	6.3	1	04/05/21 14:44	04/06/21 00:34	99-87-6	
Methylene Chloride	ND	ug/kg	51.3	35.1	1	04/05/21 14:44	04/06/21 00:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.4	1	04/05/21 14:44	04/06/21 00:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/05/21 14:44	04/06/21 00:34	1634-04-4	
Naphthalene	140	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/05/21 14:44	04/06/21 00:34	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/05/21 14:44	04/06/21 00:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/05/21 14:44	04/06/21 00:34	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.1	1	04/05/21 14:44	04/06/21 00:34	127-18-4	
Toluene	28.3	ug/kg	12.8	3.6	1	04/05/21 14:44	04/06/21 00:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.4	1	04/05/21 14:44	04/06/21 00:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.8	1	04/05/21 14:44	04/06/21 00:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.7	1	04/05/21 14:44	04/06/21 00:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/05/21 14:44	04/06/21 00:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/05/21 14:44	04/06/21 00:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/05/21 14:44	04/06/21 00:34	96-18-4	
1,2,4-Trimethylbenzene	17.2	ug/kg	12.8	3.5	1	04/05/21 14:44	04/06/21 00:34	95-63-6	
1,3,5-Trimethylbenzene	5.7J	ug/kg	12.8	4.3	1	04/05/21 14:44	04/06/21 00:34	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/05/21 14:44	04/06/21 00:34	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/05/21 14:44	04/06/21 00:34	75-01-4	
Xylene (Total)	55.1	ug/kg	25.6	7.3	1	04/05/21 14:44	04/06/21 00:34	1330-20-7	
m&p-Xylene	36.3	ug/kg	25.6	8.8	1	04/05/21 14:44	04/06/21 00:34	179601-23-1	
o-Xylene	18.8	ug/kg	12.8	5.7	1	04/05/21 14:44	04/06/21 00:34	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 00:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/05/21 14:44	04/06/21 00:34	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	40.4	%	0.10	0.10	1		04/05/21 13:19		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) Lab ID: 92531093014 Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	259	95.0	5	04/07/21 12:56	04/07/21 22:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	259	100	5	04/07/21 12:56	04/07/21 22:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	259	90.9	5	04/07/21 12:56	04/07/21 22:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	259	48.9	5	04/07/21 12:56	04/07/21 22:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	259	64.8	5	04/07/21 12:56	04/07/21 22:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	259	48.8	5	04/07/21 12:56	04/07/21 22:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	259	62.0	5	04/07/21 12:56	04/07/21 22:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	80	%	10-160		5	04/07/21 12:56	04/07/21 22:48	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	777	ug/kg	15.9	1.6	1	04/07/21 12:58	04/08/21 11:35	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	81	%	31-130		1	04/07/21 12:58	04/08/21 11:35	321-60-8	
Nitrobenzene-d5 (S)	95	%	32-130		1	04/07/21 12:58	04/08/21 11:35	4165-60-0	
Terphenyl-d14 (S)	115	%	24-130		1	04/07/21 12:58	04/08/21 11:35	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	83-32-9	
Acenaphthylene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	208-96-8	
Aniline	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	62-53-3	
Anthracene	293J	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	120-12-7	
Benzo(a)anthracene	764	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	56-55-3	
Benzo(b)fluoranthene	803	ug/kg	517	172	1	04/07/21 13:00	04/07/21 22:09	205-99-2	
Benzo(g,h,i)perylene	353J	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	191-24-2	
Benzo(k)fluoranthene	294J	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/07/21 13:00	04/07/21 22:09	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	392	1	04/07/21 13:00	04/07/21 22:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	101-55-3	
Butylbenzylphthalate	ND	ug/kg	517	218	1	04/07/21 13:00	04/07/21 22:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	364	1	04/07/21 13:00	04/07/21 22:09	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	406	1	04/07/21 13:00	04/07/21 22:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	111-44-4	
2-Chloronaphthalene	ND	ug/kg	517	205	1	04/07/21 13:00	04/07/21 22:09	91-58-7	
2-Chlorophenol	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	517	193	1	04/07/21 13:00	04/07/21 22:09	7005-72-3	
Chrysene	693	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	53-70-3	
Dibenzofuran	ND	ug/kg	517	186	1	04/07/21 13:00	04/07/21 22:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	04/07/21 13:00	04/07/21 22:09	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) Lab ID: 92531093014 Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	517	215	1	04/07/21 13:00	04/07/21 22:09	105-67-9	
Dimethylphthalate	ND	ug/kg	517	188	1	04/07/21 13:00	04/07/21 22:09	131-11-3	
Di-n-butylphthalate	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	483	1	04/07/21 13:00	04/07/21 22:09	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/07/21 13:00	04/07/21 22:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	517	199	1	04/07/21 13:00	04/07/21 22:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	517	190	1	04/07/21 13:00	04/07/21 22:09	606-20-2	
Di-n-octylphthalate	ND	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	517	201	1	04/07/21 13:00	04/07/21 22:09	117-81-7	
Fluoranthene	1570	ug/kg	517	177	1	04/07/21 13:00	04/07/21 22:09	206-44-0	
Fluorene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	86-73-7	
Hexachlorobenzene	ND	ug/kg	517	202	1	04/07/21 13:00	04/07/21 22:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	517	296	1	04/07/21 13:00	04/07/21 22:09	77-47-4	
Hexachloroethane	ND	ug/kg	517	197	1	04/07/21 13:00	04/07/21 22:09	67-72-1	
Indeno(1,2,3-cd)pyrene	337J	ug/kg	517	204	1	04/07/21 13:00	04/07/21 22:09	193-39-5	
Isophorone	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	78-59-1	
1-Methylnaphthalene	ND	ug/kg	517	182	1	04/07/21 13:00	04/07/21 22:09	90-12-0	
2-Methylnaphthalene	ND	ug/kg	517	207	1	04/07/21 13:00	04/07/21 22:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	517	212	1	04/07/21 13:00	04/07/21 22:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	517	208	1	04/07/21 13:00	04/07/21 22:09	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	423	1	04/07/21 13:00	04/07/21 22:09	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/07/21 13:00	04/07/21 22:09	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	04/07/21 13:00	04/07/21 22:09	100-01-6	
Nitrobenzene	ND	ug/kg	517	240	1	04/07/21 13:00	04/07/21 22:09	98-95-3	
2-Nitrophenol	ND	ug/kg	517	224	1	04/07/21 13:00	04/07/21 22:09	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/07/21 13:00	04/07/21 22:09	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	517	174	1	04/07/21 13:00	04/07/21 22:09	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	517	194	1	04/07/21 13:00	04/07/21 22:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	517	183	1	04/07/21 13:00	04/07/21 22:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	517	246	1	04/07/21 13:00	04/07/21 22:09	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	506	1	04/07/21 13:00	04/07/21 22:09	87-86-5	
Phenanthrene	557	ug/kg	517	169	1	04/07/21 13:00	04/07/21 22:09	85-01-8	
Phenol	ND	ug/kg	517	230	1	04/07/21 13:00	04/07/21 22:09	108-95-2	
Pyrene	1290	ug/kg	517	210	1	04/07/21 13:00	04/07/21 22:09	129-00-0	
Pyridine	ND	ug/kg	517	163	1	04/07/21 13:00	04/07/21 22:09	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	517	237	1	04/07/21 13:00	04/07/21 22:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	517	213	1	04/07/21 13:00	04/07/21 22:09	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	59	%	21-130		1	04/07/21 13:00	04/07/21 22:09	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 13:00	04/07/21 22:09	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/07/21 13:00	04/07/21 22:09	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	04/07/21 13:00	04/07/21 22:09	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/07/21 13:00	04/07/21 22:09	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	64	%	18-130		1	04/07/21 13:00	04/07/21 22:09	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	144	46.2	1	04/05/21 14:44	04/06/21 01:11	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/05/21 14:44	04/06/21 01:11	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/05/21 14:44	04/06/21 01:11	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/05/21 14:44	04/06/21 01:11	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/05/21 14:44	04/06/21 01:11	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/05/21 14:44	04/06/21 01:11	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/05/21 14:44	04/06/21 01:11	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/05/21 14:44	04/06/21 01:11	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.0	1	04/05/21 14:44	04/06/21 01:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/05/21 14:44	04/06/21 01:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/05/21 14:44	04/06/21 01:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/05/21 14:44	04/06/21 01:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/05/21 14:44	04/06/21 01:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/05/21 14:44	04/06/21 01:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/05/21 14:44	04/06/21 01:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/05/21 14:44	04/06/21 01:11	10061-01-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/05/21 14:44	04/06/21 01:11	100-41-4	IK

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: DA4-SB-3B (2-2.5) **Lab ID: 92531093014** Collected: 04/01/21 14:05 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/05/21 14:44	04/06/21 01:11	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/05/21 14:44	04/06/21 01:11	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/05/21 14:44	04/06/21 01:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/05/21 14:44	04/06/21 01:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/05/21 14:44	04/06/21 01:11	1634-04-4	
Naphthalene	13.1	ug/kg	7.2	3.8	1	04/05/21 14:44	04/06/21 01:11	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/05/21 14:44	04/06/21 01:11	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/05/21 14:44	04/06/21 01:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/05/21 14:44	04/06/21 01:11	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/05/21 14:44	04/06/21 01:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.0	1	04/05/21 14:44	04/06/21 01:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/05/21 14:44	04/06/21 01:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/05/21 14:44	04/06/21 01:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/05/21 14:44	04/06/21 01:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/05/21 14:44	04/06/21 01:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/05/21 14:44	04/06/21 01:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/05/21 14:44	04/06/21 01:11	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/05/21 14:44	04/06/21 01:11	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/05/21 14:44	04/06/21 01:11	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/05/21 14:44	04/06/21 01:11	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/05/21 14:44	04/06/21 01:11	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/05/21 14:44	04/06/21 01:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/05/21 14:44	04/06/21 01:11	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/05/21 14:44	04/06/21 01:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/05/21 14:44	04/06/21 01:11	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	36.2	%	0.10	0.10	1		04/05/21 13:20		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/05/21 12:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 12:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 12:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 12:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 12:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 12:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 12:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 12:47	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 12:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 12:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 12:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 12:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 12:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 12:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 12:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 12:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 12:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 12:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 12:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 12:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 12:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 12:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 12:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 12:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 12:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 12:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 12:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 12:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 12:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 12:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 12:47	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: TRIP BLANK **Lab ID: 92531093015** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/21 12:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 12:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 12:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 12:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 12:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 12:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 12:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 12:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 12:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 12:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 12:47	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 12:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 12:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 12:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/05/21 12:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/05/21 12:47	17060-07-0	
Toluene-d8 (S)	112	%	70-130		1		04/05/21 12:47	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/07/21 07:21	04/07/21 15:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/07/21 07:21	04/07/21 15:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/07/21 07:21	04/07/21 15:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/07/21 07:21	04/07/21 15:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/07/21 07:21	04/07/21 15:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/07/21 07:21	04/07/21 15:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/07/21 07:21	04/07/21 15:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/07/21 07:21	04/07/21 15:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/07/21 07:21	04/07/21 15:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/07/21 07:21	04/07/21 15:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/07/21 07:21	04/07/21 15:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/07/21 07:21	04/07/21 15:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/07/21 07:21	04/07/21 15:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/07/21 07:21	04/07/21 15:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/07/21 07:21	04/07/21 15:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/07/21 07:21	04/07/21 15:19	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/07/21 07:21	04/07/21 15:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/07/21 07:21	04/07/21 15:19	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				

8270E RVE

Analytical Method: EPA 8270E Preparation Method: EPA 3510C
Pace Analytical Services - Charlotte

2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/07/21 07:21	04/07/21 15:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/07/21 07:21	04/07/21 15:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	88-75-5	L1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/07/21 07:21	04/07/21 15:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/07/21 07:21	04/07/21 15:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/07/21 07:21	04/07/21 15:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/07/21 07:21	04/07/21 15:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/07/21 07:21	04/07/21 15:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/07/21 07:21	04/07/21 15:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/07/21 07:21	04/07/21 15:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/07/21 07:21	04/07/21 15:19	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/07/21 07:21	04/07/21 15:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/07/21 07:21	04/07/21 15:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-144		1	04/07/21 07:21	04/07/21 15:19	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-130		1	04/07/21 07:21	04/07/21 15:19	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/07/21 07:21	04/07/21 15:19	1718-51-0	
Phenol-d6 (S)	31	%	10-130		1	04/07/21 07:21	04/07/21 15:19	13127-88-3	
2-Fluorophenol (S)	40	%	10-130		1	04/07/21 07:21	04/07/21 15:19	367-12-4	
2,4,6-Tribromophenol (S)	61	%	10-144		1	04/07/21 07:21	04/07/21 15:19	118-79-6	

8260 MSV Low Level SC

Analytical Method: EPA 8260D
Pace Analytical Services - Charlotte

Acetone	ND	ug/L	25.0	5.1	1		04/05/21 13:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/05/21 13:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/05/21 13:04	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/05/21 13:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/05/21 13:04	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/05/21 13:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/05/21 13:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/05/21 13:04	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/05/21 13:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/05/21 13:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/05/21 13:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/05/21 13:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-50-1	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Sample: EB-2 **Lab ID: 92531093016** Collected: 04/01/21 14:30 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/05/21 13:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/05/21 13:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/05/21 13:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/05/21 13:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/05/21 13:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/05/21 13:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/05/21 13:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/05/21 13:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/05/21 13:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/05/21 13:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/05/21 13:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/05/21 13:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/05/21 13:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/05/21 13:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/05/21 13:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/05/21 13:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/05/21 13:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/05/21 13:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/05/21 13:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/05/21 13:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/05/21 13:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/05/21 13:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/05/21 13:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/05/21 13:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/05/21 13:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/05/21 13:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/05/21 13:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/05/21 13:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/05/21 13:04	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/05/21 13:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/05/21 13:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/05/21 13:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/05/21 13:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/05/21 13:04	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/05/21 13:04	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/05/21 13:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

QC Batch: 611379

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093015, 92531093016

METHOD BLANK: 3218751

Matrix: Water

Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/05/21 11:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/05/21 11:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/05/21 11:55	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/05/21 11:55	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/05/21 11:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/05/21 11:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/05/21 11:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/05/21 11:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/05/21 11:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/05/21 11:55	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/05/21 11:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/05/21 11:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/05/21 11:55	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/05/21 11:55	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/05/21 11:55	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
2-Hexanone	ug/L	ND	5.0	0.48	04/05/21 11:55	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/05/21 11:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/05/21 11:55	
Acetone	ug/L	ND	25.0	5.1	04/05/21 11:55	
Benzene	ug/L	ND	1.0	0.34	04/05/21 11:55	
Bromobenzene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Bromochloromethane	ug/L	ND	1.0	0.47	04/05/21 11:55	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/05/21 11:55	
Bromoform	ug/L	ND	1.0	0.34	04/05/21 11:55	IK
Bromomethane	ug/L	ND	2.0	1.7	04/05/21 11:55	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/05/21 11:55	
Chlorobenzene	ug/L	ND	1.0	0.28	04/05/21 11:55	
Chloroethane	ug/L	ND	1.0	0.65	04/05/21 11:55	
Chloroform	ug/L	ND	5.0	1.6	04/05/21 11:55	
Chloromethane	ug/L	ND	1.0	0.54	04/05/21 11:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/05/21 11:55	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/05/21 11:55	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/05/21 11:55	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

METHOD BLANK: 3218751 Matrix: Water
Associated Lab Samples: 92531093015, 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/05/21 11:55	
Ethylbenzene	ug/L	ND	1.0	0.30	04/05/21 11:55	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/05/21 11:55	
m&p-Xylene	ug/L	ND	2.0	0.71	04/05/21 11:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/05/21 11:55	
Methylene Chloride	ug/L	ND	5.0	2.0	04/05/21 11:55	
Naphthalene	ug/L	ND	1.0	0.64	04/05/21 11:55	
o-Xylene	ug/L	ND	1.0	0.34	04/05/21 11:55	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/05/21 11:55	
Styrene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/05/21 11:55	
Toluene	ug/L	ND	1.0	0.48	04/05/21 11:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/05/21 11:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/05/21 11:55	
Trichloroethene	ug/L	ND	1.0	0.38	04/05/21 11:55	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/05/21 11:55	
Vinyl acetate	ug/L	ND	2.0	1.3	04/05/21 11:55	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/05/21 11:55	
Xylene (Total)	ug/L	ND	1.0	0.34	04/05/21 11:55	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/05/21 11:55	
4-Bromofluorobenzene (S)	%	102	70-130		04/05/21 11:55	
Toluene-d8 (S)	%	109	70-130		04/05/21 11:55	

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	43.9	88	70-130	
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,2-Trichloroethane	ug/L	50	43.9	88	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethene	ug/L	50	43.5	87	70-130	
1,1-Dichloropropene	ug/L	50	45.5	91	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.3	111	70-130	
1,2,3-Trichloropropane	ug/L	50	49.0	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	47.8	96	70-130	
1,2-Dichloropropane	ug/L	50	55.8	112	70-130	
1,3-Dichlorobenzene	ug/L	50	51.1	102	70-130	
1,3-Dichloropropane	ug/L	50	45.8	92	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
2,2-Dichloropropane	ug/L	50	55.2	110	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3218752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	53.7	107	70-130	
2-Hexanone	ug/L	100	101	101	70-130	
4-Chlorotoluene	ug/L	50	51.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.5	94	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	55.5	111	70-130	
Bromobenzene	ug/L	50	53.4	107	70-130	
Bromochloromethane	ug/L	50	53.9	108	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	45.4	91	70-130	IK
Bromomethane	ug/L	50	47.1	94	70-130	
Carbon tetrachloride	ug/L	50	50.7	101	70-130	
Chlorobenzene	ug/L	50	51.2	102	70-130	
Chloroethane	ug/L	50	47.0	94	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	45.7	91	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.6	99	70-130	IK
Dibromochloromethane	ug/L	50	47.4	95	70-130	IK
Dibromomethane	ug/L	50	48.9	98	70-130	
Dichlorodifluoromethane	ug/L	50	43.1	86	70-130	
Diisopropyl ether	ug/L	50	52.6	105	70-130	
Ethylbenzene	ug/L	50	50.1	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.6	109	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	47.0	94	70-130	
Methylene Chloride	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	53.7	107	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
p-Isopropyltoluene	ug/L	50	54.9	110	70-130	
Styrene	ug/L	50	52.0	104	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	48.9	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.8	88	70-130	
Trichloroethene	ug/L	50	57.9	116	70-130	
Trichlorofluoromethane	ug/L	50	41.2	82	70-130	
Vinyl acetate	ug/L	100	103	103	70-130	IK
Vinyl chloride	ug/L	50	45.2	90	70-130	
Xylene (Total)	ug/L	150	151	101	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			92	70-130	
Toluene-d8 (S)	%			93	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Parameter	Units	3218753		3218754		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92531049002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	137	170	68	85	73-134	22	30	M1	
1,1,1-Trichloroethane	ug/L	ND	200	200	195	239	98	120	82-143	20	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	154	205	77	103	70-136	28	30		
1,1,2-Trichloroethane	ug/L	ND	200	200	169	198	85	99	70-135	15	30		
1,1-Dichloroethane	ug/L	ND	200	200	199	236	100	118	70-139	17	30		
1,1-Dichloroethene	ug/L	ND	200	200	174	222	87	111	70-154	24	30		
1,1-Dichloropropene	ug/L	ND	200	200	176	219	88	109	70-149	22	30		
1,2,3-Trichlorobenzene	ug/L	ND	200	200	191	241	96	121	70-135	23	30		
1,2,3-Trichloropropane	ug/L	ND	200	200	160	212	80	106	71-137	28	30		
1,2,4-Trichlorobenzene	ug/L	ND	200	200	198	233	99	116	73-140	16	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	188	213	94	107	65-134	13	30		
1,2-Dichlorobenzene	ug/L	ND	200	200	183	213	92	107	70-133	15	30		
1,2-Dichloroethane	ug/L	ND	200	200	178	209	89	105	70-137	16	30		
1,2-Dichloropropane	ug/L	ND	200	200	188	231	94	116	70-140	21	30		
1,3-Dichlorobenzene	ug/L	ND	200	200	184	207	92	104	70-135	12	30		
1,3-Dichloropropane	ug/L	ND	200	200	147	183	74	91	70-143	22	30		
1,4-Dichlorobenzene	ug/L	ND	200	200	180	209	90	105	70-133	15	30		
2,2-Dichloropropane	ug/L	ND	200	200	185	240	93	120	61-148	26	30		
2-Butanone (MEK)	ug/L	ND	400	400	350	443	87	111	60-139	24	30	IK	
2-Chlorotoluene	ug/L	ND	200	200	185	214	93	107	70-144	15	30		
2-Hexanone	ug/L	ND	400	400	320	401	80	100	65-138	22	30		
4-Chlorotoluene	ug/L	ND	200	200	171	209	86	104	70-137	20	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	400	400	314	368	78	92	65-135	16	30		
Acetone	ug/L	ND	400	400	363	433	91	108	60-148	18	30		
Benzene	ug/L	1780	200	200	1870	1950	46	84	70-151	4	30	M1	
Bromobenzene	ug/L	ND	200	200	187	220	94	110	70-136	16	30		
Bromochloromethane	ug/L	ND	200	200	204	249	102	125	70-141	20	30		
Bromodichloromethane	ug/L	ND	200	200	189	224	95	112	70-138	17	30		
Bromoform	ug/L	ND	200	200	135	174	67	87	63-130	25	30	IK	
Bromomethane	ug/L	ND	200	200	175	191	87	96	15-152	9	30		
Carbon tetrachloride	ug/L	ND	200	200	200	238	100	119	70-143	17	30		
Chlorobenzene	ug/L	ND	200	200	182	217	91	109	70-138	18	30		
Chloroethane	ug/L	ND	200	200	192	230	96	115	52-163	18	30		
Chloroform	ug/L	ND	200	200	200	235	97	114	70-139	16	30		
Chloromethane	ug/L	ND	200	200	161	189	81	94	41-139	16	30		
cis-1,2-Dichloroethene	ug/L	ND	200	200	188	229	94	115	70-141	20	30		
cis-1,3-Dichloropropene	ug/L	ND	200	200	167	204	83	102	70-137	20	30	IK	
Dibromochloromethane	ug/L	ND	200	200	146	185	73	92	70-134	24	30	IK	
Dibromomethane	ug/L	ND	200	200	179	217	89	109	70-138	19	30		
Dichlorodifluoromethane	ug/L	ND	200	200	151	180	75	90	47-155	17	30		
Diisopropyl ether	ug/L	7.3J	200	200	168	203	80	98	63-144	19	30		
Ethylbenzene	ug/L	99.3	200	200	265	310	83	105	66-153	16	30		
Hexachloro-1,3-butadiene	ug/L	ND	200	200	188	233	94	116	65-149	21	30		
m&p-Xylene	ug/L	20.1	400	400	366	447	86	107	69-152	20	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3218753		3218754		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92531049002 Result	MS Spike Conc.	MSD Spike Conc.									
Methyl-tert-butyl ether	ug/L	244	200	200	438	492	97	124	54-156	12	30		
Methylene Chloride	ug/L	ND	200	200	155	189	77	94	42-159	20	30		
Naphthalene	ug/L	334	200	200	462	514	64	90	61-148	11	30		
o-Xylene	ug/L	3.8J	200	200	183	219	90	108	70-148	18	30		
p-Isopropyltoluene	ug/L	ND	200	200	187	226	94	113	70-146	19	30		
Styrene	ug/L	ND	200	200	179	222	90	111	70-135	21	30		
Tetrachloroethene	ug/L	ND	200	200	180	223	90	111	59-143	21	30		
Toluene	ug/L	6.7J	200	200	191	226	92	110	59-148	17	30		
trans-1,2-Dichloroethene	ug/L	ND	200	200	182	218	91	109	70-146	18	30		
trans-1,3-Dichloropropene	ug/L	ND	200	200	167	196	84	98	70-135	16	30		
Trichloroethene	ug/L	ND	200	200	206	256	103	128	70-147	21	30		
Trichlorofluoromethane	ug/L	ND	200	200	168	203	84	102	70-148	19	30		
Vinyl acetate	ug/L	101	400	400	391	449	73	87	49-151	14	30	IK	
Vinyl chloride	ug/L	ND	200	200	185	220	92	110	70-156	18	30		
Xylene (Total)	ug/L	24.0	600	600	549	666	88	107	63-158	19	30		
1,2-Dichloroethane-d4 (S)	%						108	101	70-130				
4-Bromofluorobenzene (S)	%						96	97	70-130				
Toluene-d8 (S)	%						100	100	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611477 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3219022 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/05/21 16:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/05/21 16:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/05/21 16:27	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/05/21 16:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/05/21 16:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/05/21 16:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/05/21 16:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/05/21 16:27	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/05/21 16:27	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/05/21 16:27	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
2-Hexanone	ug/kg	ND	50.0	4.8	04/05/21 16:27	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/05/21 16:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/05/21 16:27	
Acetone	ug/kg	ND	100	32.1	04/05/21 16:27	
Benzene	ug/kg	ND	5.0	2.0	04/05/21 16:27	
Bromobenzene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/05/21 16:27	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Bromoform	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Bromomethane	ug/kg	ND	10.0	7.9	04/05/21 16:27	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/05/21 16:27	
Chloroethane	ug/kg	ND	10.0	3.9	04/05/21 16:27	
Chloroform	ug/kg	ND	5.0	3.0	04/05/21 16:27	
Chloromethane	ug/kg	ND	10.0	4.2	04/05/21 16:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/05/21 16:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

METHOD BLANK: 3219022

Matrix: Solid

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Dibromomethane	ug/kg	ND	5.0	1.1	04/05/21 16:27	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/05/21 16:27	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/05/21 16:27	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/05/21 16:27	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/05/21 16:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/05/21 16:27	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/05/21 16:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/05/21 16:27	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/05/21 16:27	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/05/21 16:27	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Naphthalene	ug/kg	ND	5.0	2.6	04/05/21 16:27	
o-Xylene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/05/21 16:27	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/05/21 16:27	
Styrene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/05/21 16:27	
Toluene	ug/kg	ND	5.0	1.4	04/05/21 16:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/05/21 16:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/05/21 16:27	
Trichloroethene	ug/kg	ND	5.0	1.3	04/05/21 16:27	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/05/21 16:27	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/05/21 16:27	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/05/21 16:27	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/05/21 16:27	
1,2-Dichloroethane-d4 (S)	%	107	70-130		04/05/21 16:27	
4-Bromofluorobenzene (S)	%	106	69-134		04/05/21 16:27	
Toluene-d8 (S)	%	100	70-130		04/05/21 16:27	

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1250	100	70-130	
1,1-Dichloroethene	ug/kg	1250	1290	103	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1160	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1250	100	63-130	
1,2-Dichloropropane	ug/kg	1250	1270	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1170	94	66-130	
2-Butanone (MEK)	ug/kg	2500	2790	112	70-130	
2-Chlorotoluene	ug/kg	1250	1250	100	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2700	108	70-130	
Acetone	ug/kg	2500	2680	107	69-130	
Benzene	ug/kg	1250	1240	100	70-130	
Bromobenzene	ug/kg	1250	1170	93	70-130	
Bromochloromethane	ug/kg	1250	1230	99	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1040	83	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1170	93	70-130	
Chloroethane	ug/kg	1250	1150	92	65-130	
Chloroform	ug/kg	1250	1120	89	70-130	
Chloromethane	ug/kg	1250	1180	94	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1270	101	70-130	
Dibromomethane	ug/kg	1250	1180	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1300	104	45-156	
Diisopropyl ether	ug/kg	1250	1270	102	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	94	70-130	
m&p-Xylene	ug/kg	2500	2410	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1220	97	70-130	
Methylene Chloride	ug/kg	1250	1310	105	65-130	
n-Butylbenzene	ug/kg	1250	1170	94	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1190	95	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	
tert-Butylbenzene	ug/kg	1250	1130	91	67-130	
Tetrachloroethene	ug/kg	1250	1110	88	70-130	
Toluene	ug/kg	1250	1190	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	99	68-130	
Trichloroethene	ug/kg	1250	1160	93	70-130	
Trichlorofluoromethane	ug/kg	1250	1100	88	70-130	
Vinyl acetate	ug/kg	2500	2980	119	70-130	
Vinyl chloride	ug/kg	1250	1120	90	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3219025

Parameter	Units	92531093014 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	719	775	108	70-131	
1,1,1-Trichloroethane	ug/kg	ND	719	830	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	719	742	103	66-130	
1,1,2-Trichloroethane	ug/kg	ND	719	789	110	66-133	
1,1-Dichloroethane	ug/kg	ND	719	814	113	65-130	
1,1-Dichloroethene	ug/kg	ND	719	838	116	10-158	
1,1-Dichloropropene	ug/kg	ND	719	876	122	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	719	821	114	27-138	
1,2,3-Trichloropropane	ug/kg	ND	719	755	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	719	828	115	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	719	803	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	719	741	103	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	719	799	111	70-130	
1,2-Dichlorobenzene	ug/kg	ND	719	845	117	69-130	
1,2-Dichloroethane	ug/kg	ND	719	740	103	59-130	
1,2-Dichloropropane	ug/kg	ND	719	761	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	719	831	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	719	841	117	70-130	
1,3-Dichloropropane	ug/kg	ND	719	771	107	70-130	
1,4-Dichlorobenzene	ug/kg	ND	719	813	113	68-130	
2,2-Dichloropropane	ug/kg	ND	719	735	102	32-130	
2-Butanone (MEK)	ug/kg	ND	1440	1330	92	10-136	
2-Chlorotoluene	ug/kg	ND	719	831	115	69-141	
2-Hexanone	ug/kg	ND	1440	1350	94	10-144	
4-Chlorotoluene	ug/kg	ND	719	829	115	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1440	1360	94	25-143	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

MATRIX SPIKE SAMPLE:	3219025	92531093014	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	ND	1440	1070	74	10-130	
Benzene	ug/kg	ND	719	771	107	67-130	
Bromobenzene	ug/kg	ND	719	759	105	70-130	
Bromochloromethane	ug/kg	ND	719	796	111	69-134	
Bromodichloromethane	ug/kg	ND	719	697	97	64-130	
Bromoform	ug/kg	ND	719	729	101	62-130	
Bromomethane	ug/kg	ND	719	491	68	20-176	IK
Carbon tetrachloride	ug/kg	ND	719	828	115	65-140	
Chlorobenzene	ug/kg	ND	719	815	113	70-130	
Chloroethane	ug/kg	ND	719	236	33	10-130	
Chloroform	ug/kg	ND	719	778	108	63-130	
Chloromethane	ug/kg	ND	719	795	110	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	719	769	107	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	719	759	105	67-130	
Dibromochloromethane	ug/kg	ND	719	774	107	67-130	
Dibromomethane	ug/kg	ND	719	743	103	63-131	
Dichlorodifluoromethane	ug/kg	ND	719	937	130	44-180	
Diisopropyl ether	ug/kg	ND	719	742	103	63-130	
Ethylbenzene	ug/kg	ND	719	778	108	66-130	IK
Hexachloro-1,3-butadiene	ug/kg	ND	719	865	120	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	719	894	124	69-135	
m&p-Xylene	ug/kg	ND	1440	1660	115	60-133	
Methyl-tert-butyl ether	ug/kg	ND	719	777	108	65-130	
Methylene Chloride	ug/kg	ND	719	793	110	61-130	
n-Butylbenzene	ug/kg	ND	719	820	114	65-140	
n-Propylbenzene	ug/kg	ND	719	847	118	67-140	
Naphthalene	ug/kg	13.1	719	835	114	15-145	
o-Xylene	ug/kg	ND	719	775	108	66-133	
p-Isopropyltoluene	ug/kg	ND	719	878	122	56-147	
sec-Butylbenzene	ug/kg	ND	719	844	117	65-139	
Styrene	ug/kg	ND	719	859	119	70-132	
tert-Butylbenzene	ug/kg	ND	719	613	85	62-135	
Tetrachloroethene	ug/kg	ND	719	817	114	70-135	
Toluene	ug/kg	ND	719	819	114	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	719	838	116	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	719	736	102	62-130	
Trichloroethene	ug/kg	ND	719	822	114	70-135	
Trichlorofluoromethane	ug/kg	ND	719	348	48	10-130	
Vinyl acetate	ug/kg	ND	1440	1540	107	53-130	
Vinyl chloride	ug/kg	ND	719	794	110	61-148	
Xylene (Total)	ug/kg	ND	2160	2440	113	63-132	
1,2-Dichloroethane-d4 (S)	%				120	70-130	
4-Bromofluorobenzene (S)	%				102	69-134	
Toluene-d8 (S)	%				98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	17.2	16.7	3	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	5.7J	6.4J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	119J	94.3J		30	
Benzene	ug/kg	7.2J	6.7J		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	10.6J	10.6J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

SAMPLE DUPLICATE: 3219024

Parameter	Units	92531093013 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	36.3	35.9	1	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	140	136	3	30	
o-Xylene	ug/kg	18.8	20.0	6	30	
p-Isopropyltoluene	ug/kg	7.7J	6.7J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	28.3	29.1	3	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	55.1	55.9	1	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	107			
Toluene-d8 (S)	%	102	102			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611971 Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch: 611696 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093016

METHOD BLANK: 3219928 Matrix: Water

Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/07/21 08:32	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/07/21 08:32	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/07/21 08:32	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/07/21 08:32	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/07/21 08:32	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/07/21 08:32	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/07/21 08:32	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/07/21 08:32	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/07/21 08:32	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/07/21 08:32	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/07/21 08:32	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/07/21 08:32	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/07/21 08:32	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/07/21 08:32	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/07/21 08:32	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/07/21 08:32	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/07/21 08:32	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/07/21 08:32	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/07/21 08:32	
Acenaphthene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Acenaphthylene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Aniline	ug/L	ND	10.0	1.6	04/07/21 08:32	
Anthracene	ug/L	ND	10.0	2.3	04/07/21 08:32	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/07/21 08:32	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/07/21 08:32	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/07/21 08:32	
Benzoic Acid	ug/L	ND	50.0	3.4	04/07/21 08:32	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/07/21 08:32	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/07/21 08:32	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/07/21 08:32	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/07/21 08:32	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/07/21 08:32	
Chrysene	ug/L	ND	10.0	2.8	04/07/21 08:32	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

METHOD BLANK: 3219928

Matrix: Water

Associated Lab Samples: 92531093016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/07/21 08:32	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/07/21 08:32	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/07/21 08:32	
Dibenzofuran	ug/L	ND	10.0	2.1	04/07/21 08:32	
Diethylphthalate	ug/L	ND	10.0	2.0	04/07/21 08:32	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/07/21 08:32	
Fluoranthene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Fluorene	ug/L	ND	10.0	2.1	04/07/21 08:32	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/07/21 08:32	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/07/21 08:32	
Hexachloroethane	ug/L	ND	10.0	1.4	04/07/21 08:32	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/07/21 08:32	
Isophorone	ug/L	ND	10.0	1.7	04/07/21 08:32	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/07/21 08:32	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/07/21 08:32	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/07/21 08:32	
Nitrobenzene	ug/L	ND	10.0	1.9	04/07/21 08:32	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/07/21 08:32	
Phenanthrene	ug/L	ND	10.0	2.0	04/07/21 08:32	
Phenol	ug/L	ND	10.0	1.4	04/07/21 08:32	
Pyrene	ug/L	ND	10.0	2.2	04/07/21 08:32	
2,4,6-Tribromophenol (S)	%	85	10-144		04/07/21 08:32	
2-Fluorobiphenyl (S)	%	58	10-130		04/07/21 08:32	
2-Fluorophenol (S)	%	51	10-130		04/07/21 08:32	
Nitrobenzene-d5 (S)	%	69	10-144		04/07/21 08:32	
Phenol-d6 (S)	%	39	10-130		04/07/21 08:32	
Terphenyl-d14 (S)	%	141	34-163		04/07/21 08:32	

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	53.8	108	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	53.5	107	28-130	
2,4,5-Trichlorophenol	ug/L	50	59.3	119	35-130	
2,4,6-Trichlorophenol	ug/L	50	59.5	119	31-130	
2,4-Dichlorophenol	ug/L	50	56.1	112	35-130	
2,4-Dimethylphenol	ug/L	50	57.9	116	34-130	
2,4-Dinitrophenol	ug/L	250	260	104	10-153	
2,4-Dinitrotoluene	ug/L	50	56.7	113	37-136	
2,6-Dinitrotoluene	ug/L	50	61.1	122	33-136	
2-Chloronaphthalene	ug/L	50	54.6	109	26-130	
2-Chlorophenol	ug/L	50	51.5	103	37-130	
2-Methylnaphthalene	ug/L	50	53.5	107	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	49.6	99	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	111	111	37-130	
2-Nitrophenol	ug/L	50	66.0	132	32-130	L1
3&4-Methylphenol(m&p Cresol)	ug/L	50	46.6	93	34-130	
3,3'-Dichlorobenzidine	ug/L	100	121	121	34-136	
3-Nitroaniline	ug/L	100	105	105	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	118	118	21-157	
4-Bromophenylphenyl ether	ug/L	50	60.8	122	38-130	
4-Chloro-3-methylphenol	ug/L	100	110	110	37-130	
4-Chloroaniline	ug/L	100	95.9	96	38-130	
4-Chlorophenylphenyl ether	ug/L	50	54.2	108	33-130	
4-Nitroaniline	ug/L	100	115	115	42-137	
4-Nitrophenol	ug/L	250	163	65	10-130	
Acenaphthene	ug/L	50	56.2	112	33-130	
Acenaphthylene	ug/L	50	57.4	115	35-130	
Aniline	ug/L	50	39.2	78	22-130	
Anthracene	ug/L	50	60.6	121	48-130	
Benzo(a)anthracene	ug/L	50	62.7	125	48-137	
Benzo(b)fluoranthene	ug/L	50	59.5	119	52-138	
Benzo(g,h,i)perylene	ug/L	50	56.2	112	48-140	
Benzo(k)fluoranthene	ug/L	50	59.4	119	48-139	
Benzoic Acid	ug/L	250	164	65	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	54.4	109	34-130	
bis(2-Chloroethyl) ether	ug/L	50	63.0	126	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	66.0	132	32-165	
Butylbenzylphthalate	ug/L	50	56.8	114	34-161	
Chrysene	ug/L	50	59.3	119	47-131	
Di-n-butylphthalate	ug/L	50	67.1	134	39-144	
Di-n-octylphthalate	ug/L	50	58.9	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	58.0	116	49-138	
Dibenzofuran	ug/L	50	56.5	113	33-130	
Diethylphthalate	ug/L	50	56.3	113	38-131	
Dimethylphthalate	ug/L	50	54.2	108	37-130	
Fluoranthene	ug/L	50	60.3	121	46-137	
Fluorene	ug/L	50	56.7	113	37-130	
Hexachlorobenzene	ug/L	50	57.1	114	38-130	
Hexachlorocyclopentadiene	ug/L	50	41.4	83	10-130	
Hexachloroethane	ug/L	50	45.2	90	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.7	117	41-130	
Isophorone	ug/L	50	54.8	110	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	55.8	112	36-130	
N-Nitrosodimethylamine	ug/L	50	47.0	94	34-130	
N-Nitrosodiphenylamine	ug/L	50	57.5	115	37-130	
Nitrobenzene	ug/L	50	59.9	120	36-130	
Pentachlorophenol	ug/L	100	111	111	23-149	
Phenanthrene	ug/L	50	59.0	118	44-130	
Phenol	ug/L	50	33.5	67	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3219929

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	60.4	121	47-134	
2,4,6-Tribromophenol (S)	%			139	10-144	
2-Fluorobiphenyl (S)	%			106	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			116	10-144	
Phenol-d6 (S)	%			64	10-130	
Terphenyl-d14 (S)	%			139	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3219930 3219931

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912007 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	ND	50	50	47.9	39.7	96	79	10-130	19	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	46.6	40.6	93	81	12-142	14	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	61.9	52.8	124	106	10-143	16	30		
2,4,6-Trichlorophenol	ug/L	ND	50	50	56.9	50.4	114	101	10-147	12	30		
2,4-Dichlorophenol	ug/L	ND	50	50	52.5	46.6	105	93	10-138	12	30		
2,4-Dimethylphenol	ug/L	ND	50	50	53.7	47.1	107	94	25-130	13	30		
2,4-Dinitrophenol	ug/L	ND	250	250	90.8	154	36	62	10-165	52	30	R1	
2,4-Dinitrotoluene	ug/L	ND	50	50	58.3	49.9	117	100	29-148	15	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	63.5	54.0	127	108	26-146	16	30		
2-Chloronaphthalene	ug/L	ND	50	50	51.4	44.3	103	89	11-130	15	30		
2-Chlorophenol	ug/L	ND	50	50	48.7	41.0	97	82	10-133	17	30		
2-Methylnaphthalene	ug/L	ND	50	50	46.4	38.7	93	77	13-130	18	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	48.6	40.0	97	80	20-130	19	30		
2-Nitroaniline	ug/L	ND	100	100	117	98.5	117	98	24-136	17	30		
2-Nitrophenol	ug/L	ND	50	50	61.1	53.2	122	106	10-153	14	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	51.9	42.0	104	84	16-130	21	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	147	121	147	121	10-153	19	30		
3-Nitroaniline	ug/L	ND	100	100	114	97.1	114	97	22-151	16	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	96.5	100	96	100	10-180	4	30		
4-Bromophenylphenyl ether	ug/L	ND	50	50	62.4	52.1	125	104	25-130	18	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	113	97.0	113	97	25-133	15	30		
4-Chloroaniline	ug/L	ND	100	100	79.7	78.8	80	79	14-132	1	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	56.2	47.5	112	95	19-130	17	30		
4-Nitroaniline	ug/L	ND	100	100	128	105	128	105	29-150	20	30		
4-Nitrophenol	ug/L	ND	250	250	137	145	55	58	10-130	5	30		
Acenaphthene	ug/L	ND	50	50	55.6	48.2	111	96	16-130	14	30		
Acenaphthylene	ug/L	ND	50	50	57.2	49.2	114	98	15-137	15	30		
Aniline	ug/L	ND	50	50	32.2	28.8	64	58	10-130	11	30		
Anthracene	ug/L	ND	50	50	62.4	52.0	125	104	37-136	18	30		
Benzo(a)anthracene	ug/L	ND	50	50	68.0	58.0	136	116	40-145	16	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	71.3	57.6	143	115	39-151	21	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	66.3	52.4	133	105	40-147	23	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Parameter	Units	3219930		3219931		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	68.1	53.4	136	107	40-146	24	30		
Benzoic Acid	ug/L	ND	250	250	23.9J	32.0J	10	13	10-130		30		
Benzyl alcohol	ug/L	ND	100	100	102	88.2	102	88	25-130	14	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.8	45.0	102	90	23-130	12	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.6	53.2	117	106	25-130	10	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	63.9	54.1	123	104	28-166	17	30		
Butylbenzylphthalate	ug/L	ND	50	50	66.9	56.3	134	113	33-165	17	30		
Chrysene	ug/L	ND	50	50	63.8	54.0	128	108	38-141	17	30		
Di-n-butylphthalate	ug/L	ND	50	50	65.7	53.3	131	107	32-153	21	30		
Di-n-octylphthalate	ug/L	ND	50	50	64.3	53.5	129	107	30-175	18	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	67.5	53.3	135	107	39-148	24	30		
Dibenzofuran	ug/L	ND	50	50	57.0	49.1	114	98	20-130	15	30		
Diethylphthalate	ug/L	ND	50	50	58.8	49.5	118	99	28-142	17	30		
Dimethylphthalate	ug/L	ND	50	50	55.8	47.9	112	96	26-136	15	30		
Fluoranthene	ug/L	ND	50	50	62.6	51.7	125	103	39-143	19	30		
Fluorene	ug/L	ND	50	50	58.5	49.8	117	100	24-132	16	30		
Hexachlorobenzene	ug/L	ND	50	50	58.1	49.6	116	99	29-130	16	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	37.0	28.0	74	56	10-130	28	30		
Hexachloroethane	ug/L	ND	50	50	23.7	18.4	47	37	10-130	25	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	69.0	54.4	138	109	39-148	24	30		
Isophorone	ug/L	ND	50	50	50.5	45.2	101	90	23-130	11	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	56.0	47.6	112	95	25-130	16	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	46.7	38.7	93	77	22-130	19	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	59.2	49.4	118	99	26-134	18	30		
Nitrobenzene	ug/L	ND	50	50	53.7	48.5	107	97	25-130	10	30		
Pentachlorophenol	ug/L	ND	100	100	101	89.8	101	90	10-175	12	30		
Phenanthrene	ug/L	ND	50	50	60.1	49.5	120	99	36-133	19	30		
Phenol	ug/L	ND	50	50	35.1	28.7	70	57	10-130	20	30		
Pyrene	ug/L	ND	50	50	63.8	53.5	128	107	40-143	18	30		
2,4,6-Tribromophenol (S)	%						139	113	10-144				
2-Fluorobiphenyl (S)	%						89	76	10-130				
2-Fluorophenol (S)	%						74	62	10-130				
Nitrobenzene-d5 (S)	%						103	92	10-144				
Phenol-d6 (S)	%						66	52	10-130				
Terphenyl-d14 (S)	%						144	121	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

QC Batch:	611973	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130 S0	

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg		5.9J	59.5	55.8	84	10-130
2-Fluorobiphenyl (S)	%					74	31-130
Nitrobenzene-d5 (S)	%					87	32-130
Terphenyl-d14 (S)	%					101	24-130

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

QC Batch: 611949 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

METHOD BLANK: 3221114 Matrix: Solid

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/07/21 14:36	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/07/21 14:36	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/07/21 14:36	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/07/21 14:36	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/07/21 14:36	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/07/21 14:36	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/07/21 14:36	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/07/21 14:36	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/07/21 14:36	
2-Chloronaphthalene	ug/kg	ND	326	129	04/07/21 14:36	
2-Chlorophenol	ug/kg	ND	326	122	04/07/21 14:36	
2-Methylnaphthalene	ug/kg	ND	326	130	04/07/21 14:36	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/07/21 14:36	
2-Nitroaniline	ug/kg	ND	1630	266	04/07/21 14:36	
2-Nitrophenol	ug/kg	ND	326	141	04/07/21 14:36	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/07/21 14:36	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/07/21 14:36	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/07/21 14:36	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/07/21 14:36	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/07/21 14:36	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/07/21 14:36	
4-Chloroaniline	ug/kg	ND	651	256	04/07/21 14:36	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/07/21 14:36	
4-Nitroaniline	ug/kg	ND	651	248	04/07/21 14:36	
4-Nitrophenol	ug/kg	ND	1630	630	04/07/21 14:36	
Acenaphthene	ug/kg	ND	326	114	04/07/21 14:36	
Acenaphthylene	ug/kg	ND	326	114	04/07/21 14:36	
Aniline	ug/kg	ND	326	127	04/07/21 14:36	
Anthracene	ug/kg	ND	326	107	04/07/21 14:36	
Benzo(a)anthracene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/07/21 14:36	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/07/21 14:36	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/07/21 14:36	
Benzoic Acid	ug/kg	ND	1630	700	04/07/21 14:36	
Benzyl alcohol	ug/kg	ND	651	247	04/07/21 14:36	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/07/21 14:36	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/07/21 14:36	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/07/21 14:36	
Butylbenzylphthalate	ug/kg	ND	326	137	04/07/21 14:36	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

METHOD BLANK: 3221114

Matrix: Solid

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005, 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/07/21 14:36	
Di-n-butylphthalate	ug/kg	ND	326	110	04/07/21 14:36	
Di-n-octylphthalate	ug/kg	ND	326	128	04/07/21 14:36	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/07/21 14:36	
Dibenzofuran	ug/kg	ND	326	117	04/07/21 14:36	
Diethylphthalate	ug/kg	ND	326	119	04/07/21 14:36	
Dimethylphthalate	ug/kg	ND	326	118	04/07/21 14:36	
Fluoranthene	ug/kg	ND	326	112	04/07/21 14:36	
Fluorene	ug/kg	ND	326	114	04/07/21 14:36	
Hexachlorobenzene	ug/kg	ND	326	127	04/07/21 14:36	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/07/21 14:36	
Hexachloroethane	ug/kg	ND	326	124	04/07/21 14:36	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/07/21 14:36	
Isophorone	ug/kg	ND	326	145	04/07/21 14:36	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/07/21 14:36	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/07/21 14:36	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/07/21 14:36	
Nitrobenzene	ug/kg	ND	326	151	04/07/21 14:36	
Pentachlorophenol	ug/kg	ND	651	319	04/07/21 14:36	
Phenanthrene	ug/kg	ND	326	107	04/07/21 14:36	
Phenol	ug/kg	ND	326	145	04/07/21 14:36	
Pyrene	ug/kg	ND	326	132	04/07/21 14:36	
Pyridine	ug/kg	ND	326	103	04/07/21 14:36	
2,4,6-Tribromophenol (S)	%	89	18-130		04/07/21 14:36	
2-Fluorobiphenyl (S)	%	77	19-130		04/07/21 14:36	
2-Fluorophenol (S)	%	73	18-130		04/07/21 14:36	
Nitrobenzene-d5 (S)	%	79	21-130		04/07/21 14:36	
Phenol-d6 (S)	%	79	18-130		04/07/21 14:36	
Terphenyl-d14 (S)	%	104	15-130		04/07/21 14:36	

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1650	1360	82	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1650	1280	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1650	1360	82	49-130	
2,4,6-Trichlorophenol	ug/kg	1650	1400	85	50-130	
2,4-Dichlorophenol	ug/kg	1650	1380	84	51-130	
2,4-Dimethylphenol	ug/kg	1650	1490	90	53-130	
2,4-Dinitrophenol	ug/kg	8250	6160	75	39-130	
2,4-Dinitrotoluene	ug/kg	1650	1420	86	53-130	
2,6-Dinitrotoluene	ug/kg	1650	1450	88	55-130	
2-Chloronaphthalene	ug/kg	1650	1370	83	48-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1650	1360	82	54-130	
2-Methylnaphthalene	ug/kg	1650	1330	80	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1650	1450	88	50-130	
2-Nitroaniline	ug/kg	3300	2580	78	49-130	
2-Nitrophenol	ug/kg	1650	1440	87	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1420	86	50-130	
3,3'-Dichlorobenzidine	ug/kg	3300	2360	72	47-130	IL
3-Nitroaniline	ug/kg	3300	2300	70	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3300	2780	84	50-142	
4-Bromophenylphenyl ether	ug/kg	1650	1440	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3300	2810	85	52-130	
4-Chloroaniline	ug/kg	3300	2530	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1650	1490	90	53-130	
4-Nitroaniline	ug/kg	3300	2540	77	51-130	
4-Nitrophenol	ug/kg	8250	7240	88	40-130	
Acenaphthene	ug/kg	1650	1390	84	56-130	
Acenaphthylene	ug/kg	1650	1380	84	58-130	
Aniline	ug/kg	1650	1250	76	44-130	
Anthracene	ug/kg	1650	1440	87	60-130	
Benzo(a)anthracene	ug/kg	1650	1500	91	59-130	
Benzo(b)fluoranthene	ug/kg	1650	1540	93	54-130	
Benzo(g,h,i)perylene	ug/kg	1650	1460	89	59-130	
Benzo(k)fluoranthene	ug/kg	1650	1550	94	54-130	
Benzoic Acid	ug/kg	8250	5530	67	19-130	
Benzyl alcohol	ug/kg	3300	2850	86	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1650	1370	83	55-130	
bis(2-Chloroethyl) ether	ug/kg	1650	1440	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1370	83	58-130	
Butylbenzylphthalate	ug/kg	1650	1360	82	46-138	
Chrysene	ug/kg	1650	1500	91	57-130	
Di-n-butylphthalate	ug/kg	1650	1400	85	57-130	
Di-n-octylphthalate	ug/kg	1650	1370	83	57-130	
Dibenz(a,h)anthracene	ug/kg	1650	1480	90	60-130	
Dibenzofuran	ug/kg	1650	1450	88	54-130	
Diethylphthalate	ug/kg	1650	1430	87	55-130	
Dimethylphthalate	ug/kg	1650	1400	85	57-130	
Fluoranthene	ug/kg	1650	1500	91	57-130	
Fluorene	ug/kg	1650	1430	87	56-130	
Hexachlorobenzene	ug/kg	1650	1460	88	53-130	
Hexachlorocyclopentadiene	ug/kg	1650	1140	69	23-130	
Hexachloroethane	ug/kg	1650	1440	87	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1500	91	61-130	
Isophorone	ug/kg	1650	1280	77	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1650	1480	89	52-130	
N-Nitrosodimethylamine	ug/kg	1650	1350	82	45-130	
N-Nitrosodiphenylamine	ug/kg	1650	1410	85	56-130	
Nitrobenzene	ug/kg	1650	1430	87	50-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

LABORATORY CONTROL SAMPLE: 3221115

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3300	2730	83	33-130	
Phenanthrene	ug/kg	1650	1470	89	60-130	
Phenol	ug/kg	1650	1530	93	54-130	
Pyrene	ug/kg	1650	1480	90	61-130	
Pyridine	ug/kg	1650	1000	61	35-130	
2,4,6-Tribromophenol (S)	%			94	18-130	
2-Fluorobiphenyl (S)	%			79	19-130	
2-Fluorophenol (S)	%			84	18-130	
Nitrobenzene-d5 (S)	%			83	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			103	15-130	

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30 IL	
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

SAMPLE DUPLICATE: 3221117

Parameter	Units	92531229002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	61			
2-Fluorobiphenyl (S)	%	39	43			
2-Fluorophenol (S)	%	53	58			
Nitrobenzene-d5 (S)	%	57	64			
Phenol-d6 (S)	%	55	60			
Terphenyl-d14 (S)	%	43	60			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

QC Batch:	611442	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093001, 92531093002, 92531093003, 92531093004, 92531093005

SAMPLE DUPLICATE: 3218934

Parameter	Units	92531017001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	20.7	19.1	8	25	N2

SAMPLE DUPLICATE: 3218935

Parameter	Units	92531079010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.1	22.1	0	25	N2

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

QC Batch:	611446	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531093006, 92531093007, 92531093008, 92531093009, 92531093010, 92531093011, 92531093012, 92531093013, 92531093014

SAMPLE DUPLICATE: 3218936

Parameter	Units	92531056001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	15.9	11	25	N2

SAMPLE DUPLICATE: 3218937

Parameter	Units	92531099004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	10.4	10.9	5	25	N2

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044
Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093001	DA4-SB-1 (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093002	DA4-SB-1 (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093003	DA4-SB-1A (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093004	DA4-SB-1A (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093005	DA4-SB-1B (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093006	DA4-SB-1B (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093007	DA4-SB-2 (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093008	DA4-SB-2 (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093009	DA4-SB-3 (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093010	DA4-SB-3 (4-5)	EPA 3546	611971	EPA 8082A	612281
92531093011	DA4-SB-3A (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093012	DA4-SB-3A (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093013	DA4-SB-3B (0-0.6)	EPA 3546	611971	EPA 8082A	612281
92531093014	DA4-SB-3B (2-2.5)	EPA 3546	611971	EPA 8082A	612281
92531093016	EB-2	EPA 3510C	611696	EPA 8270E	612101
92531093001	DA4-SB-1 (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093002	DA4-SB-1 (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093003	DA4-SB-1A (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093004	DA4-SB-1A (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093005	DA4-SB-1B (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093006	DA4-SB-1B (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093007	DA4-SB-2 (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093008	DA4-SB-2 (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093009	DA4-SB-3 (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093010	DA4-SB-3 (4-5)	EPA 3546	611973	EPA 8270E	612273
92531093011	DA4-SB-3A (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093012	DA4-SB-3A (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093013	DA4-SB-3B (0-0.6)	EPA 3546	611973	EPA 8270E	612273
92531093014	DA4-SB-3B (2-2.5)	EPA 3546	611973	EPA 8270E	612273
92531093001	DA4-SB-1 (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093002	DA4-SB-1 (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093003	DA4-SB-1A (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093004	DA4-SB-1A (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093005	DA4-SB-1B (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093006	DA4-SB-1B (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093007	DA4-SB-2 (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093008	DA4-SB-2 (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093009	DA4-SB-3 (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093010	DA4-SB-3 (4-5)	EPA 3546	611949	EPA 8270E	612277
92531093011	DA4-SB-3A (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093012	DA4-SB-3A (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093013	DA4-SB-3B (0-0.6)	EPA 3546	611949	EPA 8270E	612277
92531093014	DA4-SB-3B (2-2.5)	EPA 3546	611949	EPA 8270E	612277
92531093015	TRIP BLANK	EPA 8260D	611379		
92531093016	EB-2	EPA 8260D	611379		
92531093001	DA4-SB-1 (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040044

Pace Project No.: 92531093

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531093002	DA4-SB-1 (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093003	DA4-SB-1A (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093004	DA4-SB-1A (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093005	DA4-SB-1B (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093006	DA4-SB-1B (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093007	DA4-SB-2 (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093008	DA4-SB-2 (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093009	DA4-SB-3 (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093010	DA4-SB-3 (4-5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093011	DA4-SB-3A (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093012	DA4-SB-3A (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093013	DA4-SB-3B (0-0.6)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093014	DA4-SB-3B (2-2.5)	EPA 5035A/5030B	611477	EPA 8260D	611512
92531093001	DA4-SB-1 (0-0.6)	SW-846	611442		
92531093002	DA4-SB-1 (2-2.5)	SW-846	611442		
92531093003	DA4-SB-1A (0-0.6)	SW-846	611442		
92531093004	DA4-SB-1A (2-2.5)	SW-846	611442		
92531093005	DA4-SB-1B (0-0.6)	SW-846	611442		
92531093006	DA4-SB-1B (2-2.5)	SW-846	611446		
92531093007	DA4-SB-2 (0-0.6)	SW-846	611446		
92531093008	DA4-SB-2 (2-2.5)	SW-846	611446		
92531093009	DA4-SB-3 (0-0.6)	SW-846	611446		
92531093010	DA4-SB-3 (4-5)	SW-846	611446		
92531093011	DA4-SB-3A (0-0.6)	SW-846	611446		
92531093012	DA4-SB-3A (2-2.5)	SW-846	611446		
92531093013	DA4-SB-3B (0-0.6)	SW-846	611446		
92531093014	DA4-SB-3B (2-2.5)	SW-846	611446		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 1 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name:

Synterra

Project #:

WO# : 92531093



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 7-5-21 ll

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 925064 Type of Ice: Wet Blue None

Cooler Temp: 0.9, 2.4 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 0.9, 2.4

USDA Regulated Soil (N/A, water sample)
 Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WI, SC</u>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92531093

PM: KLH1

Due Date: 04/09/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
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10	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92531093

PM: KLH1

Due Date: 04/09/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	2	/	/	/	/	3	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
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10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

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Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Company: Synterra
Address: 148 River Street
Suite 220, Greenville, SC 29601
Email To: kking@synterracorp.com
Phone: [Blank] Fax: [Blank]

Report To: Tom King
Copy To: Heather Smith
Purchase Order #: [Blank]
Project Name: Former Bramlette MGP
Project Number: 002731.00.04

Attention: [Blank]
Company Name: [Blank]
Address: [Blank]
Pace Quote: [Blank]
Pace Project Manager: Kevin Herring
Pace Profile #: 7754

Regulatory Agency: [Blank]
State / Location: [Blank]

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	Preservatives						Analyses Test				Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)															
					START DATE	START TIME	END DATE	END TIME				H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	8260	8270	8082				TIRP BLANK														
1	DA4-SB-3B, SE, 0-0.6, 20210401	SL, C	SL, C	SL, C	4/1/2021	1345	--	--		5							X	X	X																				
2	DA4-SB-3B, SE, 2-2.5, 20210401	SL, C	SL, C	SL, C	4/1/2021	1405	--	--		5							X	X	X																				
3	TRIP BLANK		WT, G	WT, G						2																													
4	EB-2_WQ_20210401		WT, G	WT, G	4/1/2021	1430	--	--		5							X	X		X																			
5																																							
6																																							
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							

ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS									
		<i>[Signature]</i>	4-2-21	9410	<i>[Signature]</i>	4-2-21	0940	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)						
		<i>[Signature]</i>	4-2-21	1205	<i>[Signature]</i>	4-2-21	1205	209	X	N	Y						
		<i>[Signature]</i>	4-2-21	1830	<i>[Signature]</i>	4-5-21	06:00										

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER:
 SIGNATURE of SAMPLER:
 DATE Signed:

April 16, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531952001	DA4-SB-13A (0-0.6)	Solid	04/06/21 08:30	04/08/21 08:00
92531952002	DA4-SB-13A (5-6)	Solid	04/06/21 09:00	04/08/21 08:00
92531952003	DA4-SB-13B (0-0.6)	Solid	04/06/21 09:15	04/08/21 08:00
92531952004	DA4-SB-13B (2-2.5)	Solid	04/06/21 09:45	04/08/21 08:00
92531952005	RI-SB-37 (0-0.6)	Solid	04/06/21 10:45	04/08/21 08:00
92531952006	RI-SB-37 (2-2.5)	Solid	04/06/21 11:15	04/08/21 08:00
92531952007	RI-SB-38 (0-0.6)	Solid	04/06/21 10:50	04/08/21 08:00
92531952008	RI-SB-38 (2-2.5)	Solid	04/06/21 13:50	04/08/21 08:00
92531952009	RI-SB-39 (0-0.6)	Solid	04/06/21 11:00	04/08/21 08:00
92531952010	RI-SB-39 (2-2.5)	Solid	04/06/21 14:50	04/08/21 08:00
92531952011	FD-3	Solid	04/06/21 09:30	04/08/21 08:00
92531952012	DA4-SB-13 (0-0.6)	Solid	04/05/21 16:00	04/08/21 08:00
92531952013	DA4-SB-13 (6.5-7.5)	Solid	04/05/21 16:20	04/08/21 08:00
92531952014	EB-3	Water	04/05/21 15:15	04/08/21 08:00
92531952015	TRIP BLANK	Water	04/08/21 00:00	04/08/21 08:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531952001	DA4-SB-13A (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952002	DA4-SB-13A (5-6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952003	DA4-SB-13B (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952004	DA4-SB-13B (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952005	RI-SB-37 (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952006	RI-SB-37 (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952007	RI-SB-38 (0-0.6)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952008	RI-SB-38 (2-2.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531952009	RI-SB-39 (0-0.6)	EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
92531952010	RI-SB-39 (2-2.5)	SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
92531952011	FD-3	EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
92531952012	DA4-SB-13 (0-0.6)	EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531952013	DA4-SB-13 (6.5-7.5)	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
		EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
92531952014	EB-3	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531952015	TRIP BLANK	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531952001	DA4-SB-13A (0-0.6)					
EPA 8082A	PCB-1260 (Aroclor 1260)	1410	ug/kg	522	04/13/21 10:00	
EPA 8270E	Benzo(a)pyrene	44100	ug/kg	792	04/14/21 14:15	
EPA 8270E	Acenaphthylene	1830J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Anthracene	4530J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(a)anthracene	9220	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(b)fluoranthene	8450	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(g,h,i)perylene	5010J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Benzo(k)fluoranthene	4350J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Chrysene	6700	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluoranthene	20200	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Fluorene	2360J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4490J	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Phenanthrene	15800	ug/kg	5100	04/14/21 09:31	
EPA 8270E	Pyrene	19600	ug/kg	5100	04/14/21 09:31	
EPA 8260D	Acetone	746J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Benzene	95.7	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	796	04/09/21 06:40	
EPA 8260D	Ethylbenzene	63.5	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Isopropylbenzene (Cumene)	35.0J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Naphthalene	1980	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Toluene	100	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,2,4-Trimethylbenzene	76.1	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	1,3,5-Trimethylbenzene	37.6J	ug/kg	39.8	04/09/21 06:40	
EPA 8260D	Xylene (Total)	216	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	m&p-Xylene	158	ug/kg	79.6	04/09/21 06:40	
EPA 8260D	o-Xylene	58.6	ug/kg	39.8	04/09/21 06:40	
SW-846	Percent Moisture	68.0	%	0.10	04/08/21 14:32	N2
92531952002	DA4-SB-13A (5-6)					
EPA 8270E	Benzo(a)pyrene	8740	ug/kg	162	04/14/21 14:37	
EPA 8270E	Acenaphthylene	520	ug/kg	518	04/13/21 20:12	
EPA 8270E	Anthracene	728	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(a)anthracene	1960	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(b)fluoranthene	1950	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(g,h,i)perylene	734	ug/kg	518	04/13/21 20:12	
EPA 8270E	Benzo(k)fluoranthene	722	ug/kg	518	04/13/21 20:12	
EPA 8270E	Chrysene	1360	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluoranthene	3840	ug/kg	518	04/13/21 20:12	
EPA 8270E	Fluorene	264J	ug/kg	518	04/13/21 20:12	
EPA 8270E	Indeno(1,2,3-cd)pyrene	704	ug/kg	518	04/13/21 20:12	
EPA 8270E	Phenanthrene	1490	ug/kg	518	04/13/21 20:12	
EPA 8270E	Pyrene	2790	ug/kg	518	04/13/21 20:12	
EPA 8260D	Naphthalene	23.7	ug/kg	11.2	04/09/21 07:17	
SW-846	Percent Moisture	37.3	%	0.10	04/08/21 14:32	N2
92531952003	DA4-SB-13B (0-0.6)					
EPA 8270E	Benzo(a)pyrene	3290	ug/kg	85.8	04/14/21 14:59	
EPA 8270E	Acenaphthylene	4120	ug/kg	2800	04/14/21 01:13	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531952003	DA4-SB-13B (0-0.6)					
EPA 8270E	Anthracene	5930	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(a)anthracene	13700	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(b)fluoranthene	12800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(g,h,i)perylene	4860	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Benzo(k)fluoranthene	5300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Chrysene	10300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Dibenz(a,h)anthracene	1370J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluoranthene	26300	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Fluorene	1960J	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	4840	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Phenanthrene	16800	ug/kg	2800	04/14/21 01:13	
EPA 8270E	Pyrene	18800	ug/kg	2800	04/14/21 01:13	
EPA 8260D	Acetone	189J	ug/kg	273	04/09/21 07:35	
EPA 8260D	Naphthalene	60.1	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Toluene	9.6J	ug/kg	13.7	04/09/21 07:35	
EPA 8260D	Xylene (Total)	11.8J	ug/kg	27.3	04/09/21 07:35	
EPA 8260D	m&p-Xylene	11.8J	ug/kg	27.3	04/09/21 07:35	
SW-846	Percent Moisture	41.9	%	0.10	04/08/21 14:32	N2
92531952004	DA4-SB-13B (2-2.5)					
EPA 8270E	Benzo(a)pyrene	182	ug/kg	15.1	04/13/21 12:24	
SW-846	Percent Moisture	34.3	%	0.10	04/08/21 14:32	N2
92531952005	RI-SB-37 (0-0.6)					
EPA 8270E	Benzo(a)pyrene	16.0J	ug/kg	17.9	04/13/21 12:46	
EPA 8260D	Acetone	127J	ug/kg	256	04/09/21 08:11	
EPA 8260D	Ethylbenzene	6.4J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Naphthalene	30.0	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Toluene	10.1J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	1,2,4-Trimethylbenzene	8.6J	ug/kg	12.8	04/09/21 08:11	
EPA 8260D	Xylene (Total)	24.5J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	m&p-Xylene	16.6J	ug/kg	25.6	04/09/21 08:11	
EPA 8260D	o-Xylene	7.9J	ug/kg	12.8	04/09/21 08:11	
SW-846	Percent Moisture	45.0	%	0.10	04/08/21 14:32	N2
92531952006	RI-SB-37 (2-2.5)					
EPA 8082A	PCB-1248 (Aroclor 1248)	123	ug/kg	53.1	04/13/21 10:28	
SW-846	Percent Moisture	38.8	%	0.10	04/08/21 14:32	N2
92531952007	RI-SB-38 (0-0.6)					
EPA 8270E	Benzo(a)pyrene	16.9J	ug/kg	32.7	04/14/21 16:05	
EPA 8260D	Acetone	880	ug/kg	688	04/09/21 08:47	
EPA 8260D	2-Butanone (MEK)	365J	ug/kg	688	04/09/21 08:47	
EPA 8260D	Ethylbenzene	27.2J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	p-Isopropyltoluene	17.3J	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Naphthalene	86.7	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Toluene	50.5	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	1,2,4-Trimethylbenzene	46.3	ug/kg	34.4	04/09/21 08:47	
EPA 8260D	Xylene (Total)	144	ug/kg	68.8	04/09/21 08:47	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952007	RI-SB-38 (0-0.6)					
EPA 8260D	m&p-Xylene	91.4	ug/kg	68.8	04/09/21 08:47	
EPA 8260D	o-Xylene	52.2	ug/kg	34.4	04/09/21 08:47	
SW-846	Percent Moisture	69.2	%	0.10	04/08/21 14:33	N2
92531952008	RI-SB-38 (2-2.5)					
EPA 8260D	Acetone	61.2J	ug/kg	182	04/09/21 09:05	
SW-846	Percent Moisture	32.8	%	0.10	04/08/21 14:33	N2
92531952009	RI-SB-39 (0-0.6)					
EPA 8270E	Benzo(a)pyrene	15.9J	ug/kg	18.6	04/13/21 14:14	
EPA 8260D	Acetone	225J	ug/kg	267	04/09/21 09:24	
EPA 8260D	2-Butanone (MEK)	93.0J	ug/kg	267	04/09/21 09:24	
EPA 8260D	Ethylbenzene	11.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	p-Isopropyltoluene	15.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Naphthalene	93.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Toluene	23.3	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,2,4-Trimethylbenzene	25.2	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	1,3,5-Trimethylbenzene	12.5J	ug/kg	13.4	04/09/21 09:24	
EPA 8260D	Xylene (Total)	70.1	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	m&p-Xylene	46.8	ug/kg	26.7	04/09/21 09:24	
EPA 8260D	o-Xylene	23.2	ug/kg	13.4	04/09/21 09:24	
SW-846	Percent Moisture	46.3	%	0.10	04/08/21 14:33	N2
92531952010	RI-SB-39 (2-2.5)					
EPA 8270E	Benzo(a)pyrene	1.6J	ug/kg	13.7	04/13/21 14:36	
SW-846	Percent Moisture	26.9	%	0.10	04/08/21 14:33	N2
92531952011	FD-3					
EPA 8270E	Benzo(a)pyrene	4270	ug/kg	134	04/14/21 15:21	
EPA 8270E	Acenaphthylene	1980	ug/kg	918	04/14/21 01:43	
EPA 8270E	Anthracene	1990	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(a)anthracene	7950	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(b)fluoranthene	7430	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(g,h,i)perylene	3090	ug/kg	918	04/14/21 01:43	
EPA 8270E	Benzo(k)fluoranthene	2940	ug/kg	918	04/14/21 01:43	
EPA 8270E	Chrysene	6050	ug/kg	918	04/14/21 01:43	
EPA 8270E	Dibenz(a,h)anthracene	802J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Fluoranthene	15300	ug/kg	4590	04/14/21 09:58	
EPA 8270E	Fluorene	337J	ug/kg	918	04/14/21 01:43	
EPA 8270E	Indeno(1,2,3-cd)pyrene	3020	ug/kg	918	04/14/21 01:43	
EPA 8270E	Phenanthrene	3250	ug/kg	918	04/14/21 01:43	
EPA 8270E	Pyrene	14200	ug/kg	4590	04/14/21 09:58	
EPA 8260D	Acetone	249J	ug/kg	509	04/09/21 10:00	
EPA 8260D	Naphthalene	122	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Toluene	16.3J	ug/kg	25.5	04/09/21 10:00	
EPA 8260D	Xylene (Total)	21.7J	ug/kg	50.9	04/09/21 10:00	
EPA 8260D	m&p-Xylene	21.7J	ug/kg	50.9	04/09/21 10:00	
SW-846	Percent Moisture	63.4	%	0.10	04/08/21 14:33	N2

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531952012	DA4-SB-13 (0-0.6)					
EPA 8082A	PCB-1260 (Aroclor 1260)	1840	ug/kg	534	04/13/21 10:50	
EPA 8270E	Benzo(a)pyrene	3410	ug/kg	65.0	04/14/21 15:43	
EPA 8270E	Acenaphthylene	1590J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Anthracene	1540J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(a)anthracene	4430	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(b)fluoranthene	4840	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(g,h,i)perylene	2000J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Benzo(k)fluoranthene	2210J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Chrysene	3440	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Fluoranthene	9720	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Indeno(1,2,3-cd)pyrene	1850J	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Phenanthrene	3000	ug/kg	2690	04/14/21 02:13	
EPA 8270E	Pyrene	7170	ug/kg	2690	04/14/21 02:13	
EPA 8260D	Acetone	333	ug/kg	258	04/09/21 22:09	
EPA 8260D	Benzene	75.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	2-Butanone (MEK)	119J	ug/kg	258	04/09/21 22:09	
EPA 8260D	1,4-Dichlorobenzene	48.3	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Ethylbenzene	35.0	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Isopropylbenzene (Cumene)	6.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Naphthalene	1300	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Toluene	54.6	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trichlorobenzene	23.1	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,2,4-Trimethylbenzene	26.5	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	1,3,5-Trimethylbenzene	11.8J	ug/kg	12.9	04/09/21 22:09	
EPA 8260D	Xylene (Total)	97.4	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	m&p-Xylene	72.9	ug/kg	25.8	04/09/21 22:09	
EPA 8260D	o-Xylene	24.5	ug/kg	12.9	04/09/21 22:09	
SW-846	Percent Moisture	39.0	%	0.10	04/08/21 14:33	N2
92531952013	DA4-SB-13 (6.5-7.5)					
EPA 8270E	Benzo(a)pyrene	3850	ug/kg	69.4	04/15/21 08:04	
EPA 8270E	Acenaphthene	246J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Anthracene	215J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(a)anthracene	298J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Benzo(b)fluoranthene	290J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Chrysene	228J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Fluoranthene	710	ug/kg	446	04/14/21 00:13	
EPA 8270E	1-Methylnaphthalene	214J	ug/kg	446	04/14/21 00:13	
EPA 8270E	2-Methylnaphthalene	380J	ug/kg	446	04/14/21 00:13	
EPA 8270E	Phenanthrene	553	ug/kg	446	04/14/21 00:13	
EPA 8270E	Pyrene	510	ug/kg	446	04/14/21 00:13	
EPA 8260D	Benzene	170	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Ethylbenzene	278	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Isopropylbenzene (Cumene)	26.8J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	p-Isopropyltoluene	36.7	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Naphthalene	18800	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Styrene	25.2J	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Toluene	144	ug/kg	30.5	04/09/21 11:09	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531952013	DA4-SB-13 (6.5-7.5)					
EPA 8260D	1,2,4-Trimethylbenzene	331	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	1,3,5-Trimethylbenzene	129	ug/kg	30.5	04/09/21 11:09	
EPA 8260D	Xylene (Total)	538	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	m&p-Xylene	310	ug/kg	60.9	04/09/21 11:09	
EPA 8260D	o-Xylene	228	ug/kg	30.5	04/09/21 11:09	
SW-846	Percent Moisture	27.0	%	0.10	04/08/21 14:33	N2
92531952014	EB-3					
EPA 8260D	Acetone	12.7J	ug/L	25.0	04/12/21 15:49	C0

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: April 16, 2021

General Information:

13 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 612942

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
 - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
 - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
 - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
 - Decachlorobiphenyl (S)

QC Batch: 613371

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3228311)
 - Decachlorobiphenyl (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8082A

Description: 8082 GCS PCB

Client: Duke Energy

Date: April 16, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 612942

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
 - Decachlorobiphenyl (S)
- DA4-SB-13A (0-0.6) (Lab ID: 92531952001)
 - Decachlorobiphenyl (S)
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
 - Decachlorobiphenyl (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
 - Decachlorobiphenyl (S)
- FD-3 (Lab ID: 92531952011)
 - Decachlorobiphenyl (S)
- MS (Lab ID: 3226322)
 - Decachlorobiphenyl (S)
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
 - Decachlorobiphenyl (S)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 16, 2021

General Information:

1 sample was analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3226424)
 - 2,4-Dinitrophenol
 - 4,6-Dinitro-2-methylphenol
 - 4-Nitroaniline
 - 4-Nitrophenol
 - Benzoic Acid
 - Pentachlorophenol
- MSD (Lab ID: 3226425)
 - 2,4,6-Trichlorophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 16, 2021

QC Batch: 612978

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528912009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- 2,4-Dinitrophenol
- 4,6-Dinitro-2-methylphenol
- 4-Nitroaniline
- 4-Nitrophenol
- Benzoic Acid
- Pentachlorophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3226425)
- 2,4,5-Trichlorophenol

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: EPA 8270E
Description: 8270E MSSV MW PAH by SIM
Client: Duke Energy
Date: April 16, 2021

General Information:

13 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 16, 2021

General Information:

13 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 612821

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- DUP (Lab ID: 3225855)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- FD-3 (Lab ID: 92531952011)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- MS (Lab ID: 3225854)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 16, 2021

QC Batch: 612821

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- 2,4-Dinitrotoluene
- 4-Nitroaniline
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline
- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
 - 2,4-Dinitrotoluene
 - 4-Nitroaniline

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
 - Hexachlorocyclopentadiene
- DA4-SB-13 (6.5-7.5) (Lab ID: 92531952013)
 - Hexachlorocyclopentadiene
- DA4-SB-13A (5-6) (Lab ID: 92531952002)
 - Hexachlorocyclopentadiene
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
 - Hexachlorocyclopentadiene
- DA4-SB-13B (2-2.5) (Lab ID: 92531952004)
 - Hexachlorocyclopentadiene
- DUP (Lab ID: 3225855)
 - Hexachlorocyclopentadiene
- FD-3 (Lab ID: 92531952011)
 - Hexachlorocyclopentadiene
- RI-SB-37 (0-0.6) (Lab ID: 92531952005)
 - Hexachlorocyclopentadiene
- RI-SB-37 (2-2.5) (Lab ID: 92531952006)
 - Hexachlorocyclopentadiene
- RI-SB-38 (0-0.6) (Lab ID: 92531952007)
 - Hexachlorocyclopentadiene
- RI-SB-38 (2-2.5) (Lab ID: 92531952008)
 - Hexachlorocyclopentadiene
- RI-SB-39 (0-0.6) (Lab ID: 92531952009)
 - Hexachlorocyclopentadiene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 16, 2021

QC Batch: 612821

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- RI-SB-39 (2-2.5) (Lab ID: 92531952010)
 - Hexachlorocyclopentadiene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3225854)
 - Hexachlorocyclopentadiene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 612821

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- DA4-SB-13 (0-0.6) (Lab ID: 92531952012)
 - Nitrobenzene-d5 (S)
- DA4-SB-13B (0-0.6) (Lab ID: 92531952003)
 - Nitrobenzene-d5 (S)

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: EPA 8270E by SIM
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 16, 2021

General Information:

1 sample was analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
- 2-Fluorobiphenyl (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 16, 2021

General Information:

2 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 612349

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3223149)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- LCS (Lab ID: 3223150)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MS (Lab ID: 3223151)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MSD (Lab ID: 3223152)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531952015)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 16, 2021

QC Batch: 613057

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3226783)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- DUP (Lab ID: 3226785)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- EB-3 (Lab ID: 92531952014)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- LCS (Lab ID: 3226784)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MS (Lab ID: 3226786)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 613057

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3226783)
 - Methylene Chloride
- DUP (Lab ID: 3226785)
 - Methylene Chloride
- EB-3 (Lab ID: 92531952014)
 - Methylene Chloride

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 16, 2021

QC Batch: 613057

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3226784)
 - Methylene Chloride
- MS (Lab ID: 3226786)
 - Methylene Chloride

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612349

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531836001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3223151)
 - Acetone
- MSD (Lab ID: 3223152)
 - 2-Butanone (MEK)
 - Acetone

R1: RPD value was outside control limits.

- MSD (Lab ID: 3223152)
 - 2-Butanone (MEK)
 - Acetone
 - Hexachloro-1,3-butadiene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 16, 2021

Analyte Comments:

QC Batch: 613057

C0: Result confirmed by second analysis.

- EB-3 (Lab ID: 92531952014)
 - Acetone

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 16, 2021

General Information:

13 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612471

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531952002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3224079)
 - Chloromethane

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3225525)
 - 1,2-Dichloropropane
 - Chloromethane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 16, 2021

QC Batch: 612777

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92532317002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Vinyl acetate
- m&p-Xylene

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	522	191	5	04/10/21 21:37	04/13/21 10:00	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	522	202	5	04/10/21 21:37	04/13/21 10:00	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	522	183	5	04/10/21 21:37	04/13/21 10:00	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	522	98.5	5	04/10/21 21:37	04/13/21 10:00	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	522	130	5	04/10/21 21:37	04/13/21 10:00	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	522	98.3	5	04/10/21 21:37	04/13/21 10:00	11097-69-1	
PCB-1260 (Aroclor 1260)	1410	ug/kg	522	125	5	04/10/21 21:37	04/13/21 10:00	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		5	04/10/21 21:37	04/13/21 10:00	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	44100	ug/kg	792	81.5	25	04/12/21 11:41	04/14/21 14:15	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	34	%	31-130		5	04/12/21 11:41	04/13/21 11:18	321-60-8	
Nitrobenzene-d5 (S)	49	%	32-130		5	04/12/21 11:41	04/13/21 11:18	4165-60-0	
Terphenyl-d14 (S)	42	%	24-130		5	04/12/21 11:41	04/13/21 11:18	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	83-32-9	
Acenaphthylene	1830J	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	208-96-8	
Aniline	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	62-53-3	
Anthracene	4530J	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	120-12-7	
Benzo(a)anthracene	9220	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	56-55-3	
Benzo(b)fluoranthene	8450	ug/kg	5100	1700	5	04/10/21 00:07	04/14/21 09:31	205-99-2	
Benzo(g,h,i)perylene	5010J	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	191-24-2	
Benzo(k)fluoranthene	4350J	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	207-08-9	
Benzoic Acid	ND	ug/kg	25500	11000	5	04/10/21 00:07	04/14/21 09:31	65-85-0	
Benzyl alcohol	ND	ug/kg	10200	3870	5	04/10/21 00:07	04/14/21 09:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	5100	2150	5	04/10/21 00:07	04/14/21 09:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	10200	3590	5	04/10/21 00:07	04/14/21 09:31	59-50-7	
4-Chloroaniline	ND	ug/kg	10200	4010	5	04/10/21 00:07	04/14/21 09:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	111-44-4	
2-Chloronaphthalene	ND	ug/kg	5100	2030	5	04/10/21 00:07	04/14/21 09:31	91-58-7	
2-Chlorophenol	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	5100	1900	5	04/10/21 00:07	04/14/21 09:31	7005-72-3	
Chrysene	6700	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	53-70-3	
Dibenzofuran	ND	ug/kg	5100	1840	5	04/10/21 00:07	04/14/21 09:31	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	10200	3450	5	04/10/21 00:07	04/14/21 09:31	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) Lab ID: 92531952001 Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	5100	2120	5	04/10/21 00:07	04/14/21 09:31	105-67-9	
Dimethylphthalate	ND	ug/kg	5100	1860	5	04/10/21 00:07	04/14/21 09:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	10200	4760	5	04/10/21 00:07	04/14/21 09:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	25500	15800	5	04/10/21 00:07	04/14/21 09:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	5100	1960	5	04/10/21 00:07	04/14/21 09:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	5100	1870	5	04/10/21 00:07	04/14/21 09:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	5100	1980	5	04/10/21 00:07	04/14/21 09:31	117-81-7	
Fluoranthene	20200	ug/kg	5100	1750	5	04/10/21 00:07	04/14/21 09:31	206-44-0	
Fluorene	2360J	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	86-73-7	
Hexachlorobenzene	ND	ug/kg	5100	2000	5	04/10/21 00:07	04/14/21 09:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	5100	2920	5	04/10/21 00:07	04/14/21 09:31	77-47-4	
Hexachloroethane	ND	ug/kg	5100	1950	5	04/10/21 00:07	04/14/21 09:31	67-72-1	
Indeno(1,2,3-cd)pyrene	4490J	ug/kg	5100	2010	5	04/10/21 00:07	04/14/21 09:31	193-39-5	
Isophorone	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	5100	1790	5	04/10/21 00:07	04/14/21 09:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	5100	2040	5	04/10/21 00:07	04/14/21 09:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	5100	2090	5	04/10/21 00:07	04/14/21 09:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	5100	2060	5	04/10/21 00:07	04/14/21 09:31	15831-10-4	
2-Nitroaniline	ND	ug/kg	25500	4180	5	04/10/21 00:07	04/14/21 09:31	88-74-4	
3-Nitroaniline	ND	ug/kg	25500	4010	5	04/10/21 00:07	04/14/21 09:31	99-09-2	
4-Nitroaniline	ND	ug/kg	10200	3880	5	04/10/21 00:07	04/14/21 09:31	100-01-6	
Nitrobenzene	ND	ug/kg	5100	2370	5	04/10/21 00:07	04/14/21 09:31	98-95-3	
2-Nitrophenol	ND	ug/kg	5100	2210	5	04/10/21 00:07	04/14/21 09:31	88-75-5	
4-Nitrophenol	ND	ug/kg	25500	9870	5	04/10/21 00:07	04/14/21 09:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	5100	1720	5	04/10/21 00:07	04/14/21 09:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	5100	1920	5	04/10/21 00:07	04/14/21 09:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	5100	1810	5	04/10/21 00:07	04/14/21 09:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	5100	2430	5	04/10/21 00:07	04/14/21 09:31	108-60-1	
Pentachlorophenol	ND	ug/kg	10200	5000	5	04/10/21 00:07	04/14/21 09:31	87-86-5	
Phenanthrene	15800	ug/kg	5100	1670	5	04/10/21 00:07	04/14/21 09:31	85-01-8	
Phenol	ND	ug/kg	5100	2270	5	04/10/21 00:07	04/14/21 09:31	108-95-2	
Pyrene	19600	ug/kg	5100	2070	5	04/10/21 00:07	04/14/21 09:31	129-00-0	
Pyridine	ND	ug/kg	5100	1610	5	04/10/21 00:07	04/14/21 09:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	5100	2340	5	04/10/21 00:07	04/14/21 09:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	5100	2100	5	04/10/21 00:07	04/14/21 09:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	21-130		5	04/10/21 00:07	04/14/21 09:31	4165-60-0	
2-Fluorobiphenyl (S)	32	%	19-130		5	04/10/21 00:07	04/14/21 09:31	321-60-8	
Terphenyl-d14 (S)	20	%	15-130		5	04/10/21 00:07	04/14/21 09:31	1718-51-0	
Phenol-d6 (S)	40	%	18-130		5	04/10/21 00:07	04/14/21 09:31	13127-88-3	
2-Fluorophenol (S)	38	%	18-130		5	04/10/21 00:07	04/14/21 09:31	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	34	%	18-130		5	04/10/21 00:07	04/14/21 09:31	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	746J	ug/kg	796	256	1	04/08/21 15:45	04/09/21 06:40	67-64-1	
Benzene	95.7	ug/kg	39.8	15.8	1	04/08/21 15:45	04/09/21 06:40	71-43-2	
Bromobenzene	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	108-86-1	
Bromochloromethane	ND	ug/kg	39.8	11.8	1	04/08/21 15:45	04/09/21 06:40	74-97-5	
Bromodichloromethane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	75-27-4	
Bromoform	ND	ug/kg	39.8	14.0	1	04/08/21 15:45	04/09/21 06:40	75-25-2	
Bromomethane	ND	ug/kg	79.6	62.9	1	04/08/21 15:45	04/09/21 06:40	74-83-9	
2-Butanone (MEK)	365J	ug/kg	796	191	1	04/08/21 15:45	04/09/21 06:40	78-93-3	
n-Butylbenzene	ND	ug/kg	39.8	18.8	1	04/08/21 15:45	04/09/21 06:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	56-23-5	
Chlorobenzene	ND	ug/kg	39.8	7.6	1	04/08/21 15:45	04/09/21 06:40	108-90-7	
Chloroethane	ND	ug/kg	79.6	30.7	1	04/08/21 15:45	04/09/21 06:40	75-00-3	
Chloroform	ND	ug/kg	39.8	24.2	1	04/08/21 15:45	04/09/21 06:40	67-66-3	
Chloromethane	ND	ug/kg	79.6	33.4	1	04/08/21 15:45	04/09/21 06:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	39.8	14.1	1	04/08/21 15:45	04/09/21 06:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	39.8	7.0	1	04/08/21 15:45	04/09/21 06:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	39.8	15.4	1	04/08/21 15:45	04/09/21 06:40	96-12-8	
Dibromochloromethane	ND	ug/kg	39.8	22.4	1	04/08/21 15:45	04/09/21 06:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	39.8	17.5	1	04/08/21 15:45	04/09/21 06:40	106-93-4	
Dibromomethane	ND	ug/kg	39.8	8.5	1	04/08/21 15:45	04/09/21 06:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	39.8	14.3	1	04/08/21 15:45	04/09/21 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	39.8	12.3	1	04/08/21 15:45	04/09/21 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	39.8	10.4	1	04/08/21 15:45	04/09/21 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	79.6	17.3	1	04/08/21 15:45	04/09/21 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	39.8	26.4	1	04/08/21 15:45	04/09/21 06:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	39.8	16.4	1	04/08/21 15:45	04/09/21 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	39.8	13.6	1	04/08/21 15:45	04/09/21 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	39.8	13.9	1	04/08/21 15:45	04/09/21 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	39.8	11.9	1	04/08/21 15:45	04/09/21 06:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	39.8	12.4	1	04/08/21 15:45	04/09/21 06:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	39.8	13.0	1	04/08/21 15:45	04/09/21 06:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	39.8	19.1	1	04/08/21 15:45	04/09/21 06:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	39.8	13.7	1	04/08/21 15:45	04/09/21 06:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	39.8	10.8	1	04/08/21 15:45	04/09/21 06:40	108-20-3	
Ethylbenzene	63.5	ug/kg	39.8	18.6	1	04/08/21 15:45	04/09/21 06:40	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (0-0.6) **Lab ID: 92531952001** Collected: 04/06/21 08:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	79.6	65.1	1	04/08/21 15:45	04/09/21 06:40	87-68-3	
2-Hexanone	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	591-78-6	
Isopropylbenzene (Cumene)	35.0J	ug/kg	39.8	13.5	1	04/08/21 15:45	04/09/21 06:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	39.8	19.6	1	04/08/21 15:45	04/09/21 06:40	99-87-6	
Methylene Chloride	ND	ug/kg	159	109	1	04/08/21 15:45	04/09/21 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	398	38.4	1	04/08/21 15:45	04/09/21 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	39.8	14.9	1	04/08/21 15:45	04/09/21 06:40	1634-04-4	
Naphthalene	1980	ug/kg	39.8	20.9	1	04/08/21 15:45	04/09/21 06:40	91-20-3	
n-Propylbenzene	ND	ug/kg	39.8	14.2	1	04/08/21 15:45	04/09/21 06:40	103-65-1	
Styrene	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	39.8	15.3	1	04/08/21 15:45	04/09/21 06:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	39.8	10.5	1	04/08/21 15:45	04/09/21 06:40	79-34-5	
Tetrachloroethene	ND	ug/kg	39.8	12.6	1	04/08/21 15:45	04/09/21 06:40	127-18-4	
Toluene	100	ug/kg	39.8	11.3	1	04/08/21 15:45	04/09/21 06:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	39.8	32.2	1	04/08/21 15:45	04/09/21 06:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	39.8	33.4	1	04/08/21 15:45	04/09/21 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	39.8	20.7	1	04/08/21 15:45	04/09/21 06:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	39.8	13.2	1	04/08/21 15:45	04/09/21 06:40	79-00-5	
Trichloroethene	ND	ug/kg	39.8	10.3	1	04/08/21 15:45	04/09/21 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	39.8	21.9	1	04/08/21 15:45	04/09/21 06:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	39.8	20.1	1	04/08/21 15:45	04/09/21 06:40	96-18-4	
1,2,4-Trimethylbenzene	76.1	ug/kg	39.8	10.9	1	04/08/21 15:45	04/09/21 06:40	95-63-6	
1,3,5-Trimethylbenzene	37.6J	ug/kg	39.8	13.4	1	04/08/21 15:45	04/09/21 06:40	108-67-8	
Vinyl acetate	ND	ug/kg	398	29.0	1	04/08/21 15:45	04/09/21 06:40	108-05-4	
Vinyl chloride	ND	ug/kg	79.6	20.2	1	04/08/21 15:45	04/09/21 06:40	75-01-4	
Xylene (Total)	216	ug/kg	79.6	22.7	1	04/08/21 15:45	04/09/21 06:40	1330-20-7	
m&p-Xylene	158	ug/kg	79.6	27.2	1	04/08/21 15:45	04/09/21 06:40	179601-23-1	
o-Xylene	58.6	ug/kg	39.8	17.6	1	04/08/21 15:45	04/09/21 06:40	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 06:40	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 06:40	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 06:40	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	68.0	%	0.10	0.10	1		04/08/21 14:32		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	195	10	04/10/21 21:37	04/13/21 10:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	100	10	04/10/21 21:37	04/13/21 10:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:07	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:07	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	8740	ug/kg	162	16.7	10	04/12/21 11:41	04/14/21 14:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	73	%	31-130		5	04/12/21 11:41	04/13/21 11:40	321-60-8	
Nitrobenzene-d5 (S)	59	%	32-130		5	04/12/21 11:41	04/13/21 11:40	4165-60-0	
Terphenyl-d14 (S)	81	%	24-130		5	04/12/21 11:41	04/13/21 11:40	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	83-32-9	
Acenaphthylene	520	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	208-96-8	
Aniline	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	62-53-3	
Anthracene	728	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	120-12-7	
Benzo(a)anthracene	1960	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	56-55-3	
Benzo(b)fluoranthene	1950	ug/kg	518	173	1	04/10/21 00:07	04/13/21 20:12	205-99-2	
Benzo(g,h,i)perylene	734	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	191-24-2	
Benzo(k)fluoranthene	722	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	207-08-9	
Benzoic Acid	ND	ug/kg	2590	1110	1	04/10/21 00:07	04/13/21 20:12	65-85-0	
Benzyl alcohol	ND	ug/kg	1040	392	1	04/10/21 00:07	04/13/21 20:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	101-55-3	
Butylbenzylphthalate	ND	ug/kg	518	218	1	04/10/21 00:07	04/13/21 20:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1040	364	1	04/10/21 00:07	04/13/21 20:12	59-50-7	
4-Chloroaniline	ND	ug/kg	1040	406	1	04/10/21 00:07	04/13/21 20:12	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	111-44-4	
2-Chloronaphthalene	ND	ug/kg	518	206	1	04/10/21 00:07	04/13/21 20:12	91-58-7	
2-Chlorophenol	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	518	193	1	04/10/21 00:07	04/13/21 20:12	7005-72-3	
Chrysene	1360	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	53-70-3	
Dibenzofuran	ND	ug/kg	518	187	1	04/10/21 00:07	04/13/21 20:12	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1040	350	1	04/10/21 00:07	04/13/21 20:12	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	518	215	1	04/10/21 00:07	04/13/21 20:12	105-67-9	
Dimethylphthalate	ND	ug/kg	518	188	1	04/10/21 00:07	04/13/21 20:12	131-11-3	
Di-n-butylphthalate	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1040	483	1	04/10/21 00:07	04/13/21 20:12	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2590	1600	1	04/10/21 00:07	04/13/21 20:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	518	199	1	04/10/21 00:07	04/13/21 20:12	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	518	190	1	04/10/21 00:07	04/13/21 20:12	606-20-2	
Di-n-octylphthalate	ND	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	518	201	1	04/10/21 00:07	04/13/21 20:12	117-81-7	
Fluoranthene	3840	ug/kg	518	177	1	04/10/21 00:07	04/13/21 20:12	206-44-0	
Fluorene	264J	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	86-73-7	
Hexachlorobenzene	ND	ug/kg	518	202	1	04/10/21 00:07	04/13/21 20:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	518	297	1	04/10/21 00:07	04/13/21 20:12	77-47-4	v2
Hexachloroethane	ND	ug/kg	518	198	1	04/10/21 00:07	04/13/21 20:12	67-72-1	
Indeno(1,2,3-cd)pyrene	704	ug/kg	518	204	1	04/10/21 00:07	04/13/21 20:12	193-39-5	
Isophorone	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	78-59-1	
1-Methylnaphthalene	ND	ug/kg	518	182	1	04/10/21 00:07	04/13/21 20:12	90-12-0	
2-Methylnaphthalene	ND	ug/kg	518	207	1	04/10/21 00:07	04/13/21 20:12	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	518	212	1	04/10/21 00:07	04/13/21 20:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	518	209	1	04/10/21 00:07	04/13/21 20:12	15831-10-4	
2-Nitroaniline	ND	ug/kg	2590	424	1	04/10/21 00:07	04/13/21 20:12	88-74-4	
3-Nitroaniline	ND	ug/kg	2590	406	1	04/10/21 00:07	04/13/21 20:12	99-09-2	
4-Nitroaniline	ND	ug/kg	1040	394	1	04/10/21 00:07	04/13/21 20:12	100-01-6	v1
Nitrobenzene	ND	ug/kg	518	240	1	04/10/21 00:07	04/13/21 20:12	98-95-3	
2-Nitrophenol	ND	ug/kg	518	224	1	04/10/21 00:07	04/13/21 20:12	88-75-5	
4-Nitrophenol	ND	ug/kg	2590	1000	1	04/10/21 00:07	04/13/21 20:12	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	518	174	1	04/10/21 00:07	04/13/21 20:12	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	518	195	1	04/10/21 00:07	04/13/21 20:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	518	184	1	04/10/21 00:07	04/13/21 20:12	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	518	246	1	04/10/21 00:07	04/13/21 20:12	108-60-1	
Pentachlorophenol	ND	ug/kg	1040	507	1	04/10/21 00:07	04/13/21 20:12	87-86-5	
Phenanthrene	1490	ug/kg	518	170	1	04/10/21 00:07	04/13/21 20:12	85-01-8	
Phenol	ND	ug/kg	518	231	1	04/10/21 00:07	04/13/21 20:12	108-95-2	
Pyrene	2790	ug/kg	518	210	1	04/10/21 00:07	04/13/21 20:12	129-00-0	
Pyridine	ND	ug/kg	518	163	1	04/10/21 00:07	04/13/21 20:12	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	518	237	1	04/10/21 00:07	04/13/21 20:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	518	213	1	04/10/21 00:07	04/13/21 20:12	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 20:12	4165-60-0	
2-Fluorobiphenyl (S)	69	%	19-130		1	04/10/21 00:07	04/13/21 20:12	321-60-8	
Terphenyl-d14 (S)	54	%	15-130		1	04/10/21 00:07	04/13/21 20:12	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	04/10/21 00:07	04/13/21 20:12	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 20:12	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	82	%	18-130		1	04/10/21 00:07	04/13/21 20:12	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	224	71.9	1	04/08/21 15:45	04/09/21 07:17	67-64-1	
Benzene	ND	ug/kg	11.2	4.5	1	04/08/21 15:45	04/09/21 07:17	71-43-2	
Bromobenzene	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	108-86-1	
Bromochloromethane	ND	ug/kg	11.2	3.3	1	04/08/21 15:45	04/09/21 07:17	74-97-5	
Bromodichloromethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	75-27-4	
Bromoform	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	75-25-2	
Bromomethane	ND	ug/kg	22.4	17.7	1	04/08/21 15:45	04/09/21 07:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	224	53.8	1	04/08/21 15:45	04/09/21 07:17	78-93-3	
n-Butylbenzene	ND	ug/kg	11.2	5.3	1	04/08/21 15:45	04/09/21 07:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	56-23-5	
Chlorobenzene	ND	ug/kg	11.2	2.2	1	04/08/21 15:45	04/09/21 07:17	108-90-7	
Chloroethane	ND	ug/kg	22.4	8.6	1	04/08/21 15:45	04/09/21 07:17	75-00-3	
Chloroform	ND	ug/kg	11.2	6.8	1	04/08/21 15:45	04/09/21 07:17	67-66-3	
Chloromethane	ND	ug/kg	22.4	9.4	1	04/08/21 15:45	04/09/21 07:17	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.2	2.0	1	04/08/21 15:45	04/09/21 07:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	96-12-8	
Dibromochloromethane	ND	ug/kg	11.2	6.3	1	04/08/21 15:45	04/09/21 07:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.2	4.9	1	04/08/21 15:45	04/09/21 07:17	106-93-4	
Dibromomethane	ND	ug/kg	11.2	2.4	1	04/08/21 15:45	04/09/21 07:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.4	4.9	1	04/08/21 15:45	04/09/21 07:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.2	7.4	1	04/08/21 15:45	04/09/21 07:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.2	4.6	1	04/08/21 15:45	04/09/21 07:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.2	3.4	1	04/08/21 15:45	04/09/21 07:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.2	5.4	1	04/08/21 15:45	04/09/21 07:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.2	3.9	1	04/08/21 15:45	04/09/21 07:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	108-20-3	
Ethylbenzene	ND	ug/kg	11.2	5.2	1	04/08/21 15:45	04/09/21 07:17	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13A (5-6) **Lab ID: 92531952002** Collected: 04/06/21 09:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	22.4	18.3	1	04/08/21 15:45	04/09/21 07:17	87-68-3	
2-Hexanone	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.2	5.5	1	04/08/21 15:45	04/09/21 07:17	99-87-6	
Methylene Chloride	ND	ug/kg	44.8	30.7	1	04/08/21 15:45	04/09/21 07:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	112	10.8	1	04/08/21 15:45	04/09/21 07:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.2	4.2	1	04/08/21 15:45	04/09/21 07:17	1634-04-4	
Naphthalene	23.7	ug/kg	11.2	5.9	1	04/08/21 15:45	04/09/21 07:17	91-20-3	
n-Propylbenzene	ND	ug/kg	11.2	4.0	1	04/08/21 15:45	04/09/21 07:17	103-65-1	
Styrene	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.2	4.3	1	04/08/21 15:45	04/09/21 07:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.2	3.0	1	04/08/21 15:45	04/09/21 07:17	79-34-5	
Tetrachloroethene	ND	ug/kg	11.2	3.5	1	04/08/21 15:45	04/09/21 07:17	127-18-4	
Toluene	ND	ug/kg	11.2	3.2	1	04/08/21 15:45	04/09/21 07:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.2	9.1	1	04/08/21 15:45	04/09/21 07:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.2	9.4	1	04/08/21 15:45	04/09/21 07:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.2	5.8	1	04/08/21 15:45	04/09/21 07:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.2	3.7	1	04/08/21 15:45	04/09/21 07:17	79-00-5	
Trichloroethene	ND	ug/kg	11.2	2.9	1	04/08/21 15:45	04/09/21 07:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.2	6.2	1	04/08/21 15:45	04/09/21 07:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	11.2	5.7	1	04/08/21 15:45	04/09/21 07:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	11.2	3.1	1	04/08/21 15:45	04/09/21 07:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	11.2	3.8	1	04/08/21 15:45	04/09/21 07:17	108-67-8	
Vinyl acetate	ND	ug/kg	112	8.2	1	04/08/21 15:45	04/09/21 07:17	108-05-4	
Vinyl chloride	ND	ug/kg	22.4	5.7	1	04/08/21 15:45	04/09/21 07:17	75-01-4	
Xylene (Total)	ND	ug/kg	22.4	6.4	1	04/08/21 15:45	04/09/21 07:17	1330-20-7	
m&p-Xylene	ND	ug/kg	22.4	7.7	1	04/08/21 15:45	04/09/21 07:17	179601-23-1	
o-Xylene	ND	ug/kg	11.2	5.0	1	04/08/21 15:45	04/09/21 07:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:17	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 07:17	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 07:17	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	37.3	%	0.10	0.10	1		04/08/21 14:32		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	570	209	10	04/10/21 21:37	04/13/21 10:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	570	220	10	04/10/21 21:37	04/13/21 10:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	570	200	10	04/10/21 21:37	04/13/21 10:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	570	108	10	04/10/21 21:37	04/13/21 10:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	570	142	10	04/10/21 21:37	04/13/21 10:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	570	107	10	04/10/21 21:37	04/13/21 10:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	570	136	10	04/10/21 21:37	04/13/21 10:14	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:14	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3290	ug/kg	85.8	8.8	5	04/12/21 11:41	04/14/21 14:59	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	88	%	31-130		1	04/12/21 11:41	04/13/21 12:02	321-60-8	
Nitrobenzene-d5 (S)	87	%	32-130		1	04/12/21 11:41	04/13/21 12:02	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/12/21 11:41	04/13/21 12:02	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	83-32-9	
Acenaphthylene	4120	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	208-96-8	
Aniline	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	62-53-3	
Anthracene	5930	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	120-12-7	
Benzo(a)anthracene	13700	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	56-55-3	
Benzo(b)fluoranthene	12800	ug/kg	2800	935	5	04/10/21 00:07	04/14/21 01:13	205-99-2	
Benzo(g,h,i)perylene	4860	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	191-24-2	
Benzo(k)fluoranthene	5300	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	207-08-9	
Benzoic Acid	ND	ug/kg	14000	6030	5	04/10/21 00:07	04/14/21 01:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5610	2120	5	04/10/21 00:07	04/14/21 01:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2800	1180	5	04/10/21 00:07	04/14/21 01:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5610	1970	5	04/10/21 00:07	04/14/21 01:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5610	2200	5	04/10/21 00:07	04/14/21 01:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2800	1110	5	04/10/21 00:07	04/14/21 01:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	7005-72-3	
Chrysene	10300	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	218-01-9	
Dibenz(a,h)anthracene	1370J	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	53-70-3	
Dibenzofuran	ND	ug/kg	2800	1010	5	04/10/21 00:07	04/14/21 01:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5610	1900	5	04/10/21 00:07	04/14/21 01:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) Lab ID: 92531952003 Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2800	1020	5	04/10/21 00:07	04/14/21 01:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5610	2620	5	04/10/21 00:07	04/14/21 01:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	14000	8670	5	04/10/21 00:07	04/14/21 01:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2800	1080	5	04/10/21 00:07	04/14/21 01:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2800	1030	5	04/10/21 00:07	04/14/21 01:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2800	1090	5	04/10/21 00:07	04/14/21 01:13	117-81-7	
Fluoranthene	26300	ug/kg	2800	960	5	04/10/21 00:07	04/14/21 01:13	206-44-0	
Fluorene	1960J	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2800	1610	5	04/10/21 00:07	04/14/21 01:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2800	1070	5	04/10/21 00:07	04/14/21 01:13	67-72-1	
Indeno(1,2,3-cd)pyrene	4840	ug/kg	2800	1100	5	04/10/21 00:07	04/14/21 01:13	193-39-5	
Isophorone	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2800	986	5	04/10/21 00:07	04/14/21 01:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2800	1120	5	04/10/21 00:07	04/14/21 01:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2800	1150	5	04/10/21 00:07	04/14/21 01:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2800	1130	5	04/10/21 00:07	04/14/21 01:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	14000	2290	5	04/10/21 00:07	04/14/21 01:13	88-74-4	
3-Nitroaniline	ND	ug/kg	14000	2200	5	04/10/21 00:07	04/14/21 01:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5610	2130	5	04/10/21 00:07	04/14/21 01:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2800	1300	5	04/10/21 00:07	04/14/21 01:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2800	1220	5	04/10/21 00:07	04/14/21 01:13	88-75-5	
4-Nitrophenol	ND	ug/kg	14000	5420	5	04/10/21 00:07	04/14/21 01:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2800	943	5	04/10/21 00:07	04/14/21 01:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2800	1050	5	04/10/21 00:07	04/14/21 01:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2800	994	5	04/10/21 00:07	04/14/21 01:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2800	1330	5	04/10/21 00:07	04/14/21 01:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5610	2750	5	04/10/21 00:07	04/14/21 01:13	87-86-5	
Phenanthrene	16800	ug/kg	2800	918	5	04/10/21 00:07	04/14/21 01:13	85-01-8	
Phenol	ND	ug/kg	2800	1250	5	04/10/21 00:07	04/14/21 01:13	108-95-2	
Pyrene	18800	ug/kg	2800	1140	5	04/10/21 00:07	04/14/21 01:13	129-00-0	
Pyridine	ND	ug/kg	2800	884	5	04/10/21 00:07	04/14/21 01:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2800	1280	5	04/10/21 00:07	04/14/21 01:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2800	1160	5	04/10/21 00:07	04/14/21 01:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		5	04/10/21 00:07	04/14/21 01:13	4165-60-0	D3
2-Fluorobiphenyl (S)	62	%	19-130		5	04/10/21 00:07	04/14/21 01:13	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		5	04/10/21 00:07	04/14/21 01:13	1718-51-0	
Phenol-d6 (S)	75	%	18-130		5	04/10/21 00:07	04/14/21 01:13	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		5	04/10/21 00:07	04/14/21 01:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 01:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	189J	ug/kg	273	87.7	1	04/08/21 15:45	04/09/21 07:35	67-64-1	
Benzene	ND	ug/kg	13.7	5.4	1	04/08/21 15:45	04/09/21 07:35	71-43-2	
Bromobenzene	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	108-86-1	
Bromochloromethane	ND	ug/kg	13.7	4.0	1	04/08/21 15:45	04/09/21 07:35	74-97-5	
Bromodichloromethane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	75-27-4	
Bromoform	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	75-25-2	
Bromomethane	ND	ug/kg	27.3	21.6	1	04/08/21 15:45	04/09/21 07:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	273	65.6	1	04/08/21 15:45	04/09/21 07:35	78-93-3	
n-Butylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	56-23-5	
Chlorobenzene	ND	ug/kg	13.7	2.6	1	04/08/21 15:45	04/09/21 07:35	108-90-7	
Chloroethane	ND	ug/kg	27.3	10.5	1	04/08/21 15:45	04/09/21 07:35	75-00-3	
Chloroform	ND	ug/kg	13.7	8.3	1	04/08/21 15:45	04/09/21 07:35	67-66-3	
Chloromethane	ND	ug/kg	27.3	11.5	1	04/08/21 15:45	04/09/21 07:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.7	2.4	1	04/08/21 15:45	04/09/21 07:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.7	5.3	1	04/08/21 15:45	04/09/21 07:35	96-12-8	
Dibromochloromethane	ND	ug/kg	13.7	7.7	1	04/08/21 15:45	04/09/21 07:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	106-93-4	
Dibromomethane	ND	ug/kg	13.7	2.9	1	04/08/21 15:45	04/09/21 07:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.7	4.2	1	04/08/21 15:45	04/09/21 07:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	27.3	5.9	1	04/08/21 15:45	04/09/21 07:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.7	9.0	1	04/08/21 15:45	04/09/21 07:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.7	5.6	1	04/08/21 15:45	04/09/21 07:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.7	4.8	1	04/08/21 15:45	04/09/21 07:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.7	4.1	1	04/08/21 15:45	04/09/21 07:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.7	6.6	1	04/08/21 15:45	04/09/21 07:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.7	4.7	1	04/08/21 15:45	04/09/21 07:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	108-20-3	
Ethylbenzene	ND	ug/kg	13.7	6.4	1	04/08/21 15:45	04/09/21 07:35	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (0-0.6) **Lab ID: 92531952003** Collected: 04/06/21 09:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	27.3	22.4	1	04/08/21 15:45	04/09/21 07:35	87-68-3	
2-Hexanone	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.7	6.7	1	04/08/21 15:45	04/09/21 07:35	99-87-6	
Methylene Chloride	ND	ug/kg	54.7	37.4	1	04/08/21 15:45	04/09/21 07:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	137	13.2	1	04/08/21 15:45	04/09/21 07:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.7	5.1	1	04/08/21 15:45	04/09/21 07:35	1634-04-4	
Naphthalene	60.1	ug/kg	13.7	7.2	1	04/08/21 15:45	04/09/21 07:35	91-20-3	
n-Propylbenzene	ND	ug/kg	13.7	4.9	1	04/08/21 15:45	04/09/21 07:35	103-65-1	
Styrene	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.7	5.2	1	04/08/21 15:45	04/09/21 07:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.7	3.6	1	04/08/21 15:45	04/09/21 07:35	79-34-5	
Tetrachloroethene	ND	ug/kg	13.7	4.3	1	04/08/21 15:45	04/09/21 07:35	127-18-4	
Toluene	9.6J	ug/kg	13.7	3.9	1	04/08/21 15:45	04/09/21 07:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.7	11.0	1	04/08/21 15:45	04/09/21 07:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.7	11.5	1	04/08/21 15:45	04/09/21 07:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.7	7.1	1	04/08/21 15:45	04/09/21 07:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.7	4.5	1	04/08/21 15:45	04/09/21 07:35	79-00-5	
Trichloroethene	ND	ug/kg	13.7	3.5	1	04/08/21 15:45	04/09/21 07:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.7	7.5	1	04/08/21 15:45	04/09/21 07:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.7	6.9	1	04/08/21 15:45	04/09/21 07:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	13.7	3.7	1	04/08/21 15:45	04/09/21 07:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.7	4.6	1	04/08/21 15:45	04/09/21 07:35	108-67-8	
Vinyl acetate	ND	ug/kg	137	9.9	1	04/08/21 15:45	04/09/21 07:35	108-05-4	
Vinyl chloride	ND	ug/kg	27.3	6.9	1	04/08/21 15:45	04/09/21 07:35	75-01-4	
Xylene (Total)	11.8J	ug/kg	27.3	7.8	1	04/08/21 15:45	04/09/21 07:35	1330-20-7	
m&p-Xylene	11.8J	ug/kg	27.3	9.3	1	04/08/21 15:45	04/09/21 07:35	179601-23-1	
o-Xylene	ND	ug/kg	13.7	6.0	1	04/08/21 15:45	04/09/21 07:35	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 07:35	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:35	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130		1	04/08/21 15:45	04/09/21 07:35	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	41.9	%	0.10	0.10	1		04/08/21 14:32		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	50.7	18.6	1	04/10/21 21:37	04/12/21 12:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	50.7	19.6	1	04/10/21 21:37	04/12/21 12:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	50.7	17.8	1	04/10/21 21:37	04/12/21 12:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	50.7	9.6	1	04/10/21 21:37	04/12/21 12:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	50.7	12.7	1	04/10/21 21:37	04/12/21 12:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	50.7	9.5	1	04/10/21 21:37	04/12/21 12:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	50.7	12.1	1	04/10/21 21:37	04/12/21 12:46	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	69	%	10-160		1	04/10/21 21:37	04/12/21 12:46	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	182	ug/kg	15.1	1.6	1	04/12/21 11:41	04/13/21 12:24	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	91	%	31-130		1	04/12/21 11:41	04/13/21 12:24	321-60-8	
Nitrobenzene-d5 (S)	71	%	32-130		1	04/12/21 11:41	04/13/21 12:24	4165-60-0	
Terphenyl-d14 (S)	78	%	24-130		1	04/12/21 11:41	04/13/21 12:24	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	83-32-9	
Acenaphthylene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	208-96-8	
Aniline	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	62-53-3	
Anthracene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	502	167	1	04/10/21 00:07	04/13/21 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	207-08-9	
Benzoic Acid	ND	ug/kg	2510	1080	1	04/10/21 00:07	04/13/21 20:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1000	380	1	04/10/21 00:07	04/13/21 20:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	502	211	1	04/10/21 00:07	04/13/21 20:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1000	353	1	04/10/21 00:07	04/13/21 20:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1000	394	1	04/10/21 00:07	04/13/21 20:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	502	199	1	04/10/21 00:07	04/13/21 20:42	91-58-7	
2-Chlorophenol	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	502	187	1	04/10/21 00:07	04/13/21 20:42	7005-72-3	
Chrysene	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	53-70-3	
Dibenzofuran	ND	ug/kg	502	181	1	04/10/21 00:07	04/13/21 20:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1000	339	1	04/10/21 00:07	04/13/21 20:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	502	208	1	04/10/21 00:07	04/13/21 20:42	105-67-9	
Dimethylphthalate	ND	ug/kg	502	183	1	04/10/21 00:07	04/13/21 20:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1000	469	1	04/10/21 00:07	04/13/21 20:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2510	1550	1	04/10/21 00:07	04/13/21 20:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	502	193	1	04/10/21 00:07	04/13/21 20:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	502	184	1	04/10/21 00:07	04/13/21 20:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	502	195	1	04/10/21 00:07	04/13/21 20:42	117-81-7	
Fluoranthene	ND	ug/kg	502	172	1	04/10/21 00:07	04/13/21 20:42	206-44-0	
Fluorene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	502	196	1	04/10/21 00:07	04/13/21 20:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	502	288	1	04/10/21 00:07	04/13/21 20:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	502	192	1	04/10/21 00:07	04/13/21 20:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	502	198	1	04/10/21 00:07	04/13/21 20:42	193-39-5	
Isophorone	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	502	176	1	04/10/21 00:07	04/13/21 20:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	502	201	1	04/10/21 00:07	04/13/21 20:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	502	205	1	04/10/21 00:07	04/13/21 20:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	502	202	1	04/10/21 00:07	04/13/21 20:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2510	411	1	04/10/21 00:07	04/13/21 20:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2510	394	1	04/10/21 00:07	04/13/21 20:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1000	382	1	04/10/21 00:07	04/13/21 20:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	502	233	1	04/10/21 00:07	04/13/21 20:42	98-95-3	
2-Nitrophenol	ND	ug/kg	502	218	1	04/10/21 00:07	04/13/21 20:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2510	971	1	04/10/21 00:07	04/13/21 20:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	502	169	1	04/10/21 00:07	04/13/21 20:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	502	189	1	04/10/21 00:07	04/13/21 20:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	502	178	1	04/10/21 00:07	04/13/21 20:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	502	239	1	04/10/21 00:07	04/13/21 20:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1000	491	1	04/10/21 00:07	04/13/21 20:42	87-86-5	
Phenanthrene	ND	ug/kg	502	164	1	04/10/21 00:07	04/13/21 20:42	85-01-8	
Phenol	ND	ug/kg	502	224	1	04/10/21 00:07	04/13/21 20:42	108-95-2	
Pyrene	ND	ug/kg	502	204	1	04/10/21 00:07	04/13/21 20:42	129-00-0	
Pyridine	ND	ug/kg	502	158	1	04/10/21 00:07	04/13/21 20:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	502	230	1	04/10/21 00:07	04/13/21 20:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	502	207	1	04/10/21 00:07	04/13/21 20:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/10/21 00:07	04/13/21 20:42	4165-60-0	
2-Fluorobiphenyl (S)	73	%	19-130		1	04/10/21 00:07	04/13/21 20:42	321-60-8	
Terphenyl-d14 (S)	60	%	15-130		1	04/10/21 00:07	04/13/21 20:42	1718-51-0	
Phenol-d6 (S)	83	%	18-130		1	04/10/21 00:07	04/13/21 20:42	13127-88-3	
2-Fluorophenol (S)	77	%	18-130		1	04/10/21 00:07	04/13/21 20:42	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	85	%	18-130		1	04/10/21 00:07	04/13/21 20:42	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	187	60.2	1	04/08/21 15:45	04/09/21 07:53	67-64-1	
Benzene	ND	ug/kg	9.4	3.7	1	04/08/21 15:45	04/09/21 07:53	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	75-25-2	
Bromomethane	ND	ug/kg	18.7	14.8	1	04/08/21 15:45	04/09/21 07:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	187	45.0	1	04/08/21 15:45	04/09/21 07:53	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	04/08/21 15:45	04/09/21 07:53	108-90-7	
Chloroethane	ND	ug/kg	18.7	7.2	1	04/08/21 15:45	04/09/21 07:53	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	04/08/21 15:45	04/09/21 07:53	67-66-3	
Chloromethane	ND	ug/kg	18.7	7.9	1	04/08/21 15:45	04/09/21 07:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/08/21 15:45	04/09/21 07:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/08/21 15:45	04/09/21 07:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/08/21 15:45	04/09/21 07:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/08/21 15:45	04/09/21 07:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.7	4.1	1	04/08/21 15:45	04/09/21 07:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/08/21 15:45	04/09/21 07:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/08/21 15:45	04/09/21 07:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/08/21 15:45	04/09/21 07:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/08/21 15:45	04/09/21 07:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/08/21 15:45	04/09/21 07:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	108-20-3	
Ethylbenzene	ND	ug/kg	9.4	4.4	1	04/08/21 15:45	04/09/21 07:53	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13B (2-2.5) **Lab ID: 92531952004** Collected: 04/06/21 09:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	18.7	15.3	1	04/08/21 15:45	04/09/21 07:53	87-68-3	
2-Hexanone	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.4	3.2	1	04/08/21 15:45	04/09/21 07:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.4	4.6	1	04/08/21 15:45	04/09/21 07:53	99-87-6	
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/08/21 15:45	04/09/21 07:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.7	9.0	1	04/08/21 15:45	04/09/21 07:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/08/21 15:45	04/09/21 07:53	1634-04-4	
Naphthalene	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	04/08/21 15:45	04/09/21 07:53	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/08/21 15:45	04/09/21 07:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/08/21 15:45	04/09/21 07:53	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/08/21 15:45	04/09/21 07:53	127-18-4	
Toluene	ND	ug/kg	9.4	2.7	1	04/08/21 15:45	04/09/21 07:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/08/21 15:45	04/09/21 07:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/08/21 15:45	04/09/21 07:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/08/21 15:45	04/09/21 07:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/08/21 15:45	04/09/21 07:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/08/21 15:45	04/09/21 07:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/08/21 15:45	04/09/21 07:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.4	2.6	1	04/08/21 15:45	04/09/21 07:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.1	1	04/08/21 15:45	04/09/21 07:53	108-67-8	
Vinyl acetate	ND	ug/kg	93.7	6.8	1	04/08/21 15:45	04/09/21 07:53	108-05-4	
Vinyl chloride	ND	ug/kg	18.7	4.8	1	04/08/21 15:45	04/09/21 07:53	75-01-4	
Xylene (Total)	ND	ug/kg	18.7	5.3	1	04/08/21 15:45	04/09/21 07:53	1330-20-7	
m&p-Xylene	ND	ug/kg	18.7	6.4	1	04/08/21 15:45	04/09/21 07:53	179601-23-1	
o-Xylene	ND	ug/kg	9.4	4.1	1	04/08/21 15:45	04/09/21 07:53	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 07:53	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 07:53	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 07:53	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	34.3	%	0.10	0.10	1		04/08/21 14:32		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.6	22.2	1	04/10/21 21:37	04/13/21 10:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.6	23.4	1	04/10/21 21:37	04/13/21 10:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.6	21.2	1	04/10/21 21:37	04/13/21 10:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.6	15.1	1	04/10/21 21:37	04/13/21 10:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.6	11.4	1	04/10/21 21:37	04/13/21 10:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.6	14.5	1	04/10/21 21:37	04/13/21 10:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	60	%	10-160		1	04/10/21 21:37	04/13/21 10:21	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	16.0J	ug/kg	17.9	1.8	1	04/12/21 11:41	04/13/21 12:46	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/12/21 11:41	04/13/21 12:46	321-60-8	
Nitrobenzene-d5 (S)	66	%	32-130		1	04/12/21 11:41	04/13/21 12:46	4165-60-0	
Terphenyl-d14 (S)	58	%	24-130		1	04/12/21 11:41	04/13/21 12:46	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	83-32-9	
Acenaphthylene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	208-96-8	
Aniline	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	62-53-3	
Anthracene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	596	199	1	04/10/21 00:07	04/13/21 21:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	207-08-9	
Benzoic Acid	ND	ug/kg	2980	1280	1	04/10/21 00:07	04/13/21 21:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1190	452	1	04/10/21 00:07	04/13/21 21:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	596	251	1	04/10/21 00:07	04/13/21 21:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1190	419	1	04/10/21 00:07	04/13/21 21:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1190	468	1	04/10/21 00:07	04/13/21 21:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	596	237	1	04/10/21 00:07	04/13/21 21:13	91-58-7	
2-Chlorophenol	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	596	222	1	04/10/21 00:07	04/13/21 21:13	7005-72-3	
Chrysene	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	53-70-3	
Dibenzofuran	ND	ug/kg	596	215	1	04/10/21 00:07	04/13/21 21:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1190	403	1	04/10/21 00:07	04/13/21 21:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	596	247	1	04/10/21 00:07	04/13/21 21:13	105-67-9	
Dimethylphthalate	ND	ug/kg	596	217	1	04/10/21 00:07	04/13/21 21:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1190	556	1	04/10/21 00:07	04/13/21 21:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2980	1840	1	04/10/21 00:07	04/13/21 21:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	596	229	1	04/10/21 00:07	04/13/21 21:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	596	219	1	04/10/21 00:07	04/13/21 21:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	596	231	1	04/10/21 00:07	04/13/21 21:13	117-81-7	
Fluoranthene	ND	ug/kg	596	204	1	04/10/21 00:07	04/13/21 21:13	206-44-0	
Fluorene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	596	233	1	04/10/21 00:07	04/13/21 21:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	596	341	1	04/10/21 00:07	04/13/21 21:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	596	228	1	04/10/21 00:07	04/13/21 21:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	596	235	1	04/10/21 00:07	04/13/21 21:13	193-39-5	
Isophorone	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	596	210	1	04/10/21 00:07	04/13/21 21:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	596	238	1	04/10/21 00:07	04/13/21 21:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	596	244	1	04/10/21 00:07	04/13/21 21:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	596	240	1	04/10/21 00:07	04/13/21 21:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2980	488	1	04/10/21 00:07	04/13/21 21:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2980	468	1	04/10/21 00:07	04/13/21 21:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1190	453	1	04/10/21 00:07	04/13/21 21:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	596	276	1	04/10/21 00:07	04/13/21 21:13	98-95-3	
2-Nitrophenol	ND	ug/kg	596	258	1	04/10/21 00:07	04/13/21 21:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2980	1150	1	04/10/21 00:07	04/13/21 21:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	596	200	1	04/10/21 00:07	04/13/21 21:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	596	224	1	04/10/21 00:07	04/13/21 21:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	596	211	1	04/10/21 00:07	04/13/21 21:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	596	284	1	04/10/21 00:07	04/13/21 21:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1190	583	1	04/10/21 00:07	04/13/21 21:13	87-86-5	
Phenanthrene	ND	ug/kg	596	195	1	04/10/21 00:07	04/13/21 21:13	85-01-8	
Phenol	ND	ug/kg	596	266	1	04/10/21 00:07	04/13/21 21:13	108-95-2	
Pyrene	ND	ug/kg	596	242	1	04/10/21 00:07	04/13/21 21:13	129-00-0	
Pyridine	ND	ug/kg	596	188	1	04/10/21 00:07	04/13/21 21:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	596	273	1	04/10/21 00:07	04/13/21 21:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	596	246	1	04/10/21 00:07	04/13/21 21:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	65	%	21-130		1	04/10/21 00:07	04/13/21 21:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 21:13	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/13/21 21:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 21:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		1	04/10/21 00:07	04/13/21 21:13	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 21:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	127J	ug/kg	256	82.1	1	04/08/21 15:45	04/09/21 08:11	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	04/08/21 15:45	04/09/21 08:11	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.2	1	04/08/21 15:45	04/09/21 08:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	256	61.4	1	04/08/21 15:45	04/09/21 08:11	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	56-23-5	
Chlorobenzene	ND	ug/kg	12.8	2.5	1	04/08/21 15:45	04/09/21 08:11	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	04/08/21 15:45	04/09/21 08:11	75-00-3	
Chloroform	ND	ug/kg	12.8	7.8	1	04/08/21 15:45	04/09/21 08:11	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.7	1	04/08/21 15:45	04/09/21 08:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	04/08/21 15:45	04/09/21 08:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	04/08/21 15:45	04/09/21 08:11	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	04/08/21 15:45	04/09/21 08:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	04/08/21 15:45	04/09/21 08:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.5	1	04/08/21 15:45	04/09/21 08:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	04/08/21 15:45	04/09/21 08:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	04/08/21 15:45	04/09/21 08:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	04/08/21 15:45	04/09/21 08:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	04/08/21 15:45	04/09/21 08:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	04/08/21 15:45	04/09/21 08:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	04/08/21 15:45	04/09/21 08:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	108-20-3	
Ethylbenzene	6.4J	ug/kg	12.8	6.0	1	04/08/21 15:45	04/09/21 08:11	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (0-0.6) **Lab ID: 92531952005** Collected: 04/06/21 10:45 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	20.9	1	04/08/21 15:45	04/09/21 08:11	87-68-3	
2-Hexanone	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.8	6.3	1	04/08/21 15:45	04/09/21 08:11	99-87-6	
Methylene Chloride	ND	ug/kg	51.1	35.0	1	04/08/21 15:45	04/09/21 08:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	04/08/21 15:45	04/09/21 08:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	04/08/21 15:45	04/09/21 08:11	1634-04-4	
Naphthalene	30.0	ug/kg	12.8	6.7	1	04/08/21 15:45	04/09/21 08:11	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	04/08/21 15:45	04/09/21 08:11	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	04/08/21 15:45	04/09/21 08:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	04/08/21 15:45	04/09/21 08:11	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	04/08/21 15:45	04/09/21 08:11	127-18-4	
Toluene	10.1J	ug/kg	12.8	3.6	1	04/08/21 15:45	04/09/21 08:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	04/08/21 15:45	04/09/21 08:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	04/08/21 15:45	04/09/21 08:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.6	1	04/08/21 15:45	04/09/21 08:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	04/08/21 15:45	04/09/21 08:11	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	04/08/21 15:45	04/09/21 08:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	04/08/21 15:45	04/09/21 08:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	04/08/21 15:45	04/09/21 08:11	96-18-4	
1,2,4-Trimethylbenzene	8.6J	ug/kg	12.8	3.5	1	04/08/21 15:45	04/09/21 08:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	04/08/21 15:45	04/09/21 08:11	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	04/08/21 15:45	04/09/21 08:11	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	04/08/21 15:45	04/09/21 08:11	75-01-4	
Xylene (Total)	24.5J	ug/kg	25.6	7.3	1	04/08/21 15:45	04/09/21 08:11	1330-20-7	
m&p-Xylene	16.6J	ug/kg	25.6	8.7	1	04/08/21 15:45	04/09/21 08:11	179601-23-1	
o-Xylene	7.9J	ug/kg	12.8	5.6	1	04/08/21 15:45	04/09/21 08:11	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:11	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 08:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:11	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	45.0	%	0.10	0.10	1		04/08/21 14:32		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) Lab ID: 92531952006 Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	53.1	19.4	1	04/10/21 21:37	04/13/21 10:28	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	53.1	20.5	1	04/10/21 21:37	04/13/21 10:28	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	53.1	18.6	1	04/10/21 21:37	04/13/21 10:28	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	53.1	10.0	1	04/10/21 21:37	04/13/21 10:28	53469-21-9	
PCB-1248 (Aroclor 1248)	123	ug/kg	53.1	13.2	1	04/10/21 21:37	04/13/21 10:28	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	53.1	10	1	04/10/21 21:37	04/13/21 10:28	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	53.1	12.7	1	04/10/21 21:37	04/13/21 10:28	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	98	%	10-160		1	04/10/21 21:37	04/13/21 10:28	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	16.2	1.7	1	04/12/21 11:41	04/13/21 13:08	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	56	%	31-130		1	04/12/21 11:41	04/13/21 13:08	321-60-8	
Nitrobenzene-d5 (S)	38	%	32-130		1	04/12/21 11:41	04/13/21 13:08	4165-60-0	
Terphenyl-d14 (S)	64	%	24-130		1	04/12/21 11:41	04/13/21 13:08	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	83-32-9	
Acenaphthylene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	208-96-8	
Aniline	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	62-53-3	
Anthracene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	545	182	1	04/10/21 00:07	04/13/21 21:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	207-08-9	
Benzoic Acid	ND	ug/kg	2720	1170	1	04/10/21 00:07	04/13/21 21:42	65-85-0	
Benzyl alcohol	ND	ug/kg	1090	413	1	04/10/21 00:07	04/13/21 21:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	545	230	1	04/10/21 00:07	04/13/21 21:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1090	383	1	04/10/21 00:07	04/13/21 21:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1090	428	1	04/10/21 00:07	04/13/21 21:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	545	216	1	04/10/21 00:07	04/13/21 21:42	91-58-7	
2-Chlorophenol	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	545	203	1	04/10/21 00:07	04/13/21 21:42	7005-72-3	
Chrysene	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	53-70-3	
Dibenzofuran	ND	ug/kg	545	197	1	04/10/21 00:07	04/13/21 21:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1090	368	1	04/10/21 00:07	04/13/21 21:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	545	226	1	04/10/21 00:07	04/13/21 21:42	105-67-9	
Dimethylphthalate	ND	ug/kg	545	198	1	04/10/21 00:07	04/13/21 21:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1090	509	1	04/10/21 00:07	04/13/21 21:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2720	1680	1	04/10/21 00:07	04/13/21 21:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	545	210	1	04/10/21 00:07	04/13/21 21:42	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	545	200	1	04/10/21 00:07	04/13/21 21:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	545	211	1	04/10/21 00:07	04/13/21 21:42	117-81-7	
Fluoranthene	ND	ug/kg	545	187	1	04/10/21 00:07	04/13/21 21:42	206-44-0	
Fluorene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	545	213	1	04/10/21 00:07	04/13/21 21:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	545	312	1	04/10/21 00:07	04/13/21 21:42	77-47-4	v2
Hexachloroethane	ND	ug/kg	545	208	1	04/10/21 00:07	04/13/21 21:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	545	215	1	04/10/21 00:07	04/13/21 21:42	193-39-5	
Isophorone	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	545	192	1	04/10/21 00:07	04/13/21 21:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	545	218	1	04/10/21 00:07	04/13/21 21:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	545	223	1	04/10/21 00:07	04/13/21 21:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	545	220	1	04/10/21 00:07	04/13/21 21:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	2720	446	1	04/10/21 00:07	04/13/21 21:42	88-74-4	
3-Nitroaniline	ND	ug/kg	2720	428	1	04/10/21 00:07	04/13/21 21:42	99-09-2	
4-Nitroaniline	ND	ug/kg	1090	414	1	04/10/21 00:07	04/13/21 21:42	100-01-6	v1
Nitrobenzene	ND	ug/kg	545	253	1	04/10/21 00:07	04/13/21 21:42	98-95-3	
2-Nitrophenol	ND	ug/kg	545	236	1	04/10/21 00:07	04/13/21 21:42	88-75-5	
4-Nitrophenol	ND	ug/kg	2720	1050	1	04/10/21 00:07	04/13/21 21:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	545	183	1	04/10/21 00:07	04/13/21 21:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	545	205	1	04/10/21 00:07	04/13/21 21:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	545	193	1	04/10/21 00:07	04/13/21 21:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	545	259	1	04/10/21 00:07	04/13/21 21:42	108-60-1	
Pentachlorophenol	ND	ug/kg	1090	533	1	04/10/21 00:07	04/13/21 21:42	87-86-5	
Phenanthrene	ND	ug/kg	545	178	1	04/10/21 00:07	04/13/21 21:42	85-01-8	
Phenol	ND	ug/kg	545	243	1	04/10/21 00:07	04/13/21 21:42	108-95-2	
Pyrene	ND	ug/kg	545	221	1	04/10/21 00:07	04/13/21 21:42	129-00-0	
Pyridine	ND	ug/kg	545	172	1	04/10/21 00:07	04/13/21 21:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	545	249	1	04/10/21 00:07	04/13/21 21:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	545	225	1	04/10/21 00:07	04/13/21 21:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	21-130		1	04/10/21 00:07	04/13/21 21:42	4165-60-0	
2-Fluorobiphenyl (S)	37	%	19-130		1	04/10/21 00:07	04/13/21 21:42	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	04/10/21 00:07	04/13/21 21:42	1718-51-0	
Phenol-d6 (S)	36	%	18-130		1	04/10/21 00:07	04/13/21 21:42	13127-88-3	
2-Fluorophenol (S)	33	%	18-130		1	04/10/21 00:07	04/13/21 21:42	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	54	%	18-130		1	04/10/21 00:07	04/13/21 21:42	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	208	66.8	1	04/08/21 15:45	04/09/21 08:29	67-64-1	
Benzene	ND	ug/kg	10.4	4.1	1	04/08/21 15:45	04/09/21 08:29	71-43-2	
Bromobenzene	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	108-86-1	
Bromochloromethane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	74-97-5	
Bromodichloromethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	75-27-4	
Bromoform	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	75-25-2	
Bromomethane	ND	ug/kg	20.8	16.4	1	04/08/21 15:45	04/09/21 08:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	208	50.0	1	04/08/21 15:45	04/09/21 08:29	78-93-3	
n-Butylbenzene	ND	ug/kg	10.4	4.9	1	04/08/21 15:45	04/09/21 08:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	56-23-5	
Chlorobenzene	ND	ug/kg	10.4	2.0	1	04/08/21 15:45	04/09/21 08:29	108-90-7	
Chloroethane	ND	ug/kg	20.8	8.0	1	04/08/21 15:45	04/09/21 08:29	75-00-3	
Chloroform	ND	ug/kg	10.4	6.3	1	04/08/21 15:45	04/09/21 08:29	67-66-3	
Chloromethane	ND	ug/kg	20.8	8.7	1	04/08/21 15:45	04/09/21 08:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.4	1.8	1	04/08/21 15:45	04/09/21 08:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	96-12-8	
Dibromochloromethane	ND	ug/kg	10.4	5.8	1	04/08/21 15:45	04/09/21 08:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	106-93-4	
Dibromomethane	ND	ug/kg	10.4	2.2	1	04/08/21 15:45	04/09/21 08:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	20.8	4.5	1	04/08/21 15:45	04/09/21 08:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.4	6.9	1	04/08/21 15:45	04/09/21 08:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.4	4.3	1	04/08/21 15:45	04/09/21 08:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.4	3.1	1	04/08/21 15:45	04/09/21 08:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.4	3.2	1	04/08/21 15:45	04/09/21 08:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.4	3.4	1	04/08/21 15:45	04/09/21 08:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.4	5.0	1	04/08/21 15:45	04/09/21 08:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.4	3.6	1	04/08/21 15:45	04/09/21 08:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	10.4	2.8	1	04/08/21 15:45	04/09/21 08:29	108-20-3	
Ethylbenzene	ND	ug/kg	10.4	4.8	1	04/08/21 15:45	04/09/21 08:29	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-37 (2-2.5) **Lab ID: 92531952006** Collected: 04/06/21 11:15 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	20.8	17.0	1	04/08/21 15:45	04/09/21 08:29	87-68-3	
2-Hexanone	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	10.4	5.1	1	04/08/21 15:45	04/09/21 08:29	99-87-6	
Methylene Chloride	ND	ug/kg	41.6	28.5	1	04/08/21 15:45	04/09/21 08:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	104	10.0	1	04/08/21 15:45	04/09/21 08:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.4	3.9	1	04/08/21 15:45	04/09/21 08:29	1634-04-4	
Naphthalene	ND	ug/kg	10.4	5.5	1	04/08/21 15:45	04/09/21 08:29	91-20-3	
n-Propylbenzene	ND	ug/kg	10.4	3.7	1	04/08/21 15:45	04/09/21 08:29	103-65-1	
Styrene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.4	4.0	1	04/08/21 15:45	04/09/21 08:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-34-5	
Tetrachloroethene	ND	ug/kg	10.4	3.3	1	04/08/21 15:45	04/09/21 08:29	127-18-4	
Toluene	ND	ug/kg	10.4	3.0	1	04/08/21 15:45	04/09/21 08:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.4	8.4	1	04/08/21 15:45	04/09/21 08:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.4	8.7	1	04/08/21 15:45	04/09/21 08:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.4	5.4	1	04/08/21 15:45	04/09/21 08:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	79-00-5	
Trichloroethene	ND	ug/kg	10.4	2.7	1	04/08/21 15:45	04/09/21 08:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	10.4	5.7	1	04/08/21 15:45	04/09/21 08:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.4	5.3	1	04/08/21 15:45	04/09/21 08:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	10.4	2.9	1	04/08/21 15:45	04/09/21 08:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10.4	3.5	1	04/08/21 15:45	04/09/21 08:29	108-67-8	
Vinyl acetate	ND	ug/kg	104	7.6	1	04/08/21 15:45	04/09/21 08:29	108-05-4	
Vinyl chloride	ND	ug/kg	20.8	5.3	1	04/08/21 15:45	04/09/21 08:29	75-01-4	
Xylene (Total)	ND	ug/kg	20.8	5.9	1	04/08/21 15:45	04/09/21 08:29	1330-20-7	
m&p-Xylene	ND	ug/kg	20.8	7.1	1	04/08/21 15:45	04/09/21 08:29	179601-23-1	
o-Xylene	ND	ug/kg	10.4	4.6	1	04/08/21 15:45	04/09/21 08:29	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 08:29	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 08:29	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 08:29	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	38.8	%	0.10	0.10	1		04/08/21 14:32		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	217	79.5	2	04/10/21 21:37	04/13/21 10:36	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	217	83.8	2	04/10/21 21:37	04/13/21 10:36	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	217	76.1	2	04/10/21 21:37	04/13/21 10:36	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	217	41.0	2	04/10/21 21:37	04/13/21 10:36	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	217	54.3	2	04/10/21 21:37	04/13/21 10:36	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	217	40.9	2	04/10/21 21:37	04/13/21 10:36	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	217	52.0	2	04/10/21 21:37	04/13/21 10:36	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	74	%	10-160		2	04/10/21 21:37	04/13/21 10:36	2051-24-3	D3
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	16.9J	ug/kg	32.7	3.4	1	04/14/21 13:03	04/14/21 16:05	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	32	%	31-130		1	04/14/21 13:03	04/14/21 16:05	321-60-8	
Nitrobenzene-d5 (S)	34	%	32-130		1	04/14/21 13:03	04/14/21 16:05	4165-60-0	
Terphenyl-d14 (S)	37	%	24-130		1	04/14/21 13:03	04/14/21 16:05	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	208-96-8	
Aniline	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	62-53-3	
Anthracene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	1060	354	1	04/10/21 00:07	04/13/21 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	5310	2280	1	04/10/21 00:07	04/13/21 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	2120	804	1	04/10/21 00:07	04/13/21 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	1060	447	1	04/10/21 00:07	04/13/21 22:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	2120	746	1	04/10/21 00:07	04/13/21 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	2120	833	1	04/10/21 00:07	04/13/21 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	1060	421	1	04/10/21 00:07	04/13/21 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	1060	396	1	04/10/21 00:07	04/13/21 22:13	7005-72-3	
Chrysene	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	1060	383	1	04/10/21 00:07	04/13/21 22:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	2120	717	1	04/10/21 00:07	04/13/21 22:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	1060	441	1	04/10/21 00:07	04/13/21 22:13	105-67-9	
Dimethylphthalate	ND	ug/kg	1060	386	1	04/10/21 00:07	04/13/21 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	2120	991	1	04/10/21 00:07	04/13/21 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	5310	3280	1	04/10/21 00:07	04/13/21 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	1060	408	1	04/10/21 00:07	04/13/21 22:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	1060	389	1	04/10/21 00:07	04/13/21 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	1060	412	1	04/10/21 00:07	04/13/21 22:13	117-81-7	
Fluoranthene	ND	ug/kg	1060	363	1	04/10/21 00:07	04/13/21 22:13	206-44-0	
Fluorene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	1060	415	1	04/10/21 00:07	04/13/21 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	1060	608	1	04/10/21 00:07	04/13/21 22:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	1060	405	1	04/10/21 00:07	04/13/21 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	1060	418	1	04/10/21 00:07	04/13/21 22:13	193-39-5	
Isophorone	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	1060	373	1	04/10/21 00:07	04/13/21 22:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	1060	425	1	04/10/21 00:07	04/13/21 22:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	1060	434	1	04/10/21 00:07	04/13/21 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	1060	428	1	04/10/21 00:07	04/13/21 22:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	5310	868	1	04/10/21 00:07	04/13/21 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	5310	833	1	04/10/21 00:07	04/13/21 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	2120	807	1	04/10/21 00:07	04/13/21 22:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	1060	492	1	04/10/21 00:07	04/13/21 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	1060	460	1	04/10/21 00:07	04/13/21 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	5310	2050	1	04/10/21 00:07	04/13/21 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	1060	357	1	04/10/21 00:07	04/13/21 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	1060	399	1	04/10/21 00:07	04/13/21 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	1060	376	1	04/10/21 00:07	04/13/21 22:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	1060	505	1	04/10/21 00:07	04/13/21 22:13	108-60-1	
Pentachlorophenol	ND	ug/kg	2120	1040	1	04/10/21 00:07	04/13/21 22:13	87-86-5	
Phenanthrene	ND	ug/kg	1060	347	1	04/10/21 00:07	04/13/21 22:13	85-01-8	
Phenol	ND	ug/kg	1060	473	1	04/10/21 00:07	04/13/21 22:13	108-95-2	
Pyrene	ND	ug/kg	1060	431	1	04/10/21 00:07	04/13/21 22:13	129-00-0	
Pyridine	ND	ug/kg	1060	335	1	04/10/21 00:07	04/13/21 22:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	1060	486	1	04/10/21 00:07	04/13/21 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	1060	437	1	04/10/21 00:07	04/13/21 22:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	04/10/21 00:07	04/13/21 22:13	4165-60-0	
2-Fluorobiphenyl (S)	24	%	19-130		1	04/10/21 00:07	04/13/21 22:13	321-60-8	
Terphenyl-d14 (S)	16	%	15-130		1	04/10/21 00:07	04/13/21 22:13	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	04/10/21 00:07	04/13/21 22:13	13127-88-3	
2-Fluorophenol (S)	59	%	18-130		1	04/10/21 00:07	04/13/21 22:13	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/10/21 00:07	04/13/21 22:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	880	ug/kg	688	221	1	04/08/21 15:45	04/09/21 08:47	67-64-1	
Benzene	ND	ug/kg	34.4	13.7	1	04/08/21 15:45	04/09/21 08:47	71-43-2	
Bromobenzene	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	108-86-1	
Bromochloromethane	ND	ug/kg	34.4	10.2	1	04/08/21 15:45	04/09/21 08:47	74-97-5	
Bromodichloromethane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	75-27-4	
Bromoform	ND	ug/kg	34.4	12.1	1	04/08/21 15:45	04/09/21 08:47	75-25-2	
Bromomethane	ND	ug/kg	68.8	54.3	1	04/08/21 15:45	04/09/21 08:47	74-83-9	
2-Butanone (MEK)	365J	ug/kg	688	165	1	04/08/21 15:45	04/09/21 08:47	78-93-3	
n-Butylbenzene	ND	ug/kg	34.4	16.2	1	04/08/21 15:45	04/09/21 08:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	56-23-5	
Chlorobenzene	ND	ug/kg	34.4	6.6	1	04/08/21 15:45	04/09/21 08:47	108-90-7	
Chloroethane	ND	ug/kg	68.8	26.5	1	04/08/21 15:45	04/09/21 08:47	75-00-3	
Chloroform	ND	ug/kg	34.4	20.9	1	04/08/21 15:45	04/09/21 08:47	67-66-3	
Chloromethane	ND	ug/kg	68.8	28.9	1	04/08/21 15:45	04/09/21 08:47	74-87-3	
2-Chlorotoluene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	34.4	6.1	1	04/08/21 15:45	04/09/21 08:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	34.4	13.3	1	04/08/21 15:45	04/09/21 08:47	96-12-8	
Dibromochloromethane	ND	ug/kg	34.4	19.3	1	04/08/21 15:45	04/09/21 08:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	34.4	15.1	1	04/08/21 15:45	04/09/21 08:47	106-93-4	
Dibromomethane	ND	ug/kg	34.4	7.4	1	04/08/21 15:45	04/09/21 08:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	34.4	12.4	1	04/08/21 15:45	04/09/21 08:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	68.8	14.9	1	04/08/21 15:45	04/09/21 08:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	34.4	22.8	1	04/08/21 15:45	04/09/21 08:47	107-06-2	
1,1-Dichloroethene	ND	ug/kg	34.4	14.2	1	04/08/21 15:45	04/09/21 08:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	34.4	12.0	1	04/08/21 15:45	04/09/21 08:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	34.4	10.3	1	04/08/21 15:45	04/09/21 08:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	34.4	10.7	1	04/08/21 15:45	04/09/21 08:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	34.4	11.2	1	04/08/21 15:45	04/09/21 08:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	34.4	16.5	1	04/08/21 15:45	04/09/21 08:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	34.4	11.8	1	04/08/21 15:45	04/09/21 08:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	34.4	9.3	1	04/08/21 15:45	04/09/21 08:47	108-20-3	
Ethylbenzene	27.2J	ug/kg	34.4	16.0	1	04/08/21 15:45	04/09/21 08:47	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (0-0.6) **Lab ID: 92531952007** Collected: 04/06/21 10:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	68.8	56.2	1	04/08/21 15:45	04/09/21 08:47	87-68-3	
2-Hexanone	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	591-78-6	
p-Isopropylbenzene (Cumene)	ND	ug/kg	34.4	11.7	1	04/08/21 15:45	04/09/21 08:47	98-82-8	
p-Isopropyltoluene	17.3J	ug/kg	34.4	16.9	1	04/08/21 15:45	04/09/21 08:47	99-87-6	
Methylene Chloride	ND	ug/kg	138	94.2	1	04/08/21 15:45	04/09/21 08:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	344	33.1	1	04/08/21 15:45	04/09/21 08:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	34.4	12.9	1	04/08/21 15:45	04/09/21 08:47	1634-04-4	
Naphthalene	86.7	ug/kg	34.4	18.1	1	04/08/21 15:45	04/09/21 08:47	91-20-3	
n-Propylbenzene	ND	ug/kg	34.4	12.2	1	04/08/21 15:45	04/09/21 08:47	103-65-1	
Styrene	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	34.4	13.2	1	04/08/21 15:45	04/09/21 08:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	34.4	9.1	1	04/08/21 15:45	04/09/21 08:47	79-34-5	
Tetrachloroethene	ND	ug/kg	34.4	10.9	1	04/08/21 15:45	04/09/21 08:47	127-18-4	
Toluene	50.5	ug/kg	34.4	9.8	1	04/08/21 15:45	04/09/21 08:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	34.4	27.8	1	04/08/21 15:45	04/09/21 08:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	34.4	28.9	1	04/08/21 15:45	04/09/21 08:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	34.4	17.9	1	04/08/21 15:45	04/09/21 08:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	34.4	11.4	1	04/08/21 15:45	04/09/21 08:47	79-00-5	
Trichloroethene	ND	ug/kg	34.4	8.9	1	04/08/21 15:45	04/09/21 08:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	34.4	18.9	1	04/08/21 15:45	04/09/21 08:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	34.4	17.4	1	04/08/21 15:45	04/09/21 08:47	96-18-4	
1,2,4-Trimethylbenzene	46.3	ug/kg	34.4	9.4	1	04/08/21 15:45	04/09/21 08:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	34.4	11.6	1	04/08/21 15:45	04/09/21 08:47	108-67-8	
Vinyl acetate	ND	ug/kg	344	25.0	1	04/08/21 15:45	04/09/21 08:47	108-05-4	
Vinyl chloride	ND	ug/kg	68.8	17.5	1	04/08/21 15:45	04/09/21 08:47	75-01-4	
Xylene (Total)	144	ug/kg	68.8	19.6	1	04/08/21 15:45	04/09/21 08:47	1330-20-7	
m&p-Xylene	91.4	ug/kg	68.8	23.5	1	04/08/21 15:45	04/09/21 08:47	179601-23-1	
o-Xylene	52.2	ug/kg	34.4	15.2	1	04/08/21 15:45	04/09/21 08:47	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/08/21 15:45	04/09/21 08:47	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/08/21 15:45	04/09/21 08:47	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 08:47	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	69.2	%	0.10	0.10	1		04/08/21 14:33		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.5	18.1	1	04/14/21 08:20	04/14/21 11:21	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.5	19.1	1	04/14/21 08:20	04/14/21 11:21	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.5	17.3	1	04/14/21 08:20	04/14/21 11:21	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.5	12.4	1	04/14/21 08:20	04/14/21 11:21	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.5	9.3	1	04/14/21 08:20	04/14/21 11:21	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	49.5	11.8	1	04/14/21 08:20	04/14/21 11:21	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	115	%	10-160		1	04/14/21 08:20	04/14/21 11:21	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/kg	15.0	1.5	1	04/12/21 11:41	04/13/21 13:52	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	92	%	31-130		1	04/12/21 11:41	04/13/21 13:52	321-60-8	
Nitrobenzene-d5 (S)	86	%	32-130		1	04/12/21 11:41	04/13/21 13:52	4165-60-0	
Terphenyl-d14 (S)	79	%	24-130		1	04/12/21 11:41	04/13/21 13:52	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	83-32-9	
Acenaphthylene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	208-96-8	
Aniline	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	62-53-3	
Anthracene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	496	165	1	04/10/21 00:07	04/13/21 22:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	207-08-9	
Benzoic Acid	ND	ug/kg	2480	1070	1	04/10/21 00:07	04/13/21 22:43	65-85-0	
Benzyl alcohol	ND	ug/kg	993	376	1	04/10/21 00:07	04/13/21 22:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	496	209	1	04/10/21 00:07	04/13/21 22:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	993	349	1	04/10/21 00:07	04/13/21 22:43	59-50-7	
4-Chloroaniline	ND	ug/kg	993	390	1	04/10/21 00:07	04/13/21 22:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	496	197	1	04/10/21 00:07	04/13/21 22:43	91-58-7	
2-Chlorophenol	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	496	185	1	04/10/21 00:07	04/13/21 22:43	7005-72-3	
Chrysene	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	53-70-3	
Dibenzofuran	ND	ug/kg	496	179	1	04/10/21 00:07	04/13/21 22:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	993	335	1	04/10/21 00:07	04/13/21 22:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	496	206	1	04/10/21 00:07	04/13/21 22:43	105-67-9	
Dimethylphthalate	ND	ug/kg	496	180	1	04/10/21 00:07	04/13/21 22:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	993	463	1	04/10/21 00:07	04/13/21 22:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2480	1530	1	04/10/21 00:07	04/13/21 22:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	496	191	1	04/10/21 00:07	04/13/21 22:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	496	182	1	04/10/21 00:07	04/13/21 22:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	496	193	1	04/10/21 00:07	04/13/21 22:43	117-81-7	
Fluoranthene	ND	ug/kg	496	170	1	04/10/21 00:07	04/13/21 22:43	206-44-0	
Fluorene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	496	194	1	04/10/21 00:07	04/13/21 22:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	496	284	1	04/10/21 00:07	04/13/21 22:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	496	190	1	04/10/21 00:07	04/13/21 22:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	496	196	1	04/10/21 00:07	04/13/21 22:43	193-39-5	
Isophorone	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	496	174	1	04/10/21 00:07	04/13/21 22:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	496	199	1	04/10/21 00:07	04/13/21 22:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	496	203	1	04/10/21 00:07	04/13/21 22:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	496	200	1	04/10/21 00:07	04/13/21 22:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2480	406	1	04/10/21 00:07	04/13/21 22:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2480	390	1	04/10/21 00:07	04/13/21 22:43	99-09-2	
4-Nitroaniline	ND	ug/kg	993	377	1	04/10/21 00:07	04/13/21 22:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	496	230	1	04/10/21 00:07	04/13/21 22:43	98-95-3	
2-Nitrophenol	ND	ug/kg	496	215	1	04/10/21 00:07	04/13/21 22:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2480	960	1	04/10/21 00:07	04/13/21 22:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	496	167	1	04/10/21 00:07	04/13/21 22:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	496	186	1	04/10/21 00:07	04/13/21 22:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	496	176	1	04/10/21 00:07	04/13/21 22:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	496	236	1	04/10/21 00:07	04/13/21 22:43	108-60-1	
Pentachlorophenol	ND	ug/kg	993	486	1	04/10/21 00:07	04/13/21 22:43	87-86-5	
Phenanthrene	ND	ug/kg	496	162	1	04/10/21 00:07	04/13/21 22:43	85-01-8	
Phenol	ND	ug/kg	496	221	1	04/10/21 00:07	04/13/21 22:43	108-95-2	
Pyrene	ND	ug/kg	496	202	1	04/10/21 00:07	04/13/21 22:43	129-00-0	
Pyridine	ND	ug/kg	496	156	1	04/10/21 00:07	04/13/21 22:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	496	227	1	04/10/21 00:07	04/13/21 22:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	496	205	1	04/10/21 00:07	04/13/21 22:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	57	%	21-130		1	04/10/21 00:07	04/13/21 22:43	4165-60-0	
2-Fluorobiphenyl (S)	57	%	19-130		1	04/10/21 00:07	04/13/21 22:43	321-60-8	
Terphenyl-d14 (S)	48	%	15-130		1	04/10/21 00:07	04/13/21 22:43	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	04/10/21 00:07	04/13/21 22:43	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	04/10/21 00:07	04/13/21 22:43	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 22:43	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	61.2J	ug/kg	182	58.4	1	04/08/21 15:45	04/09/21 09:05	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	04/08/21 15:45	04/09/21 09:05	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	75-25-2	
Bromomethane	ND	ug/kg	18.2	14.4	1	04/08/21 15:45	04/09/21 09:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	182	43.7	1	04/08/21 15:45	04/09/21 09:05	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	04/08/21 15:45	04/09/21 09:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.7	1	04/08/21 15:45	04/09/21 09:05	108-90-7	
Chloroethane	ND	ug/kg	18.2	7.0	1	04/08/21 15:45	04/09/21 09:05	75-00-3	
Chloroform	ND	ug/kg	9.1	5.5	1	04/08/21 15:45	04/09/21 09:05	67-66-3	
Chloromethane	ND	ug/kg	18.2	7.6	1	04/08/21 15:45	04/09/21 09:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	04/08/21 15:45	04/09/21 09:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	04/08/21 15:45	04/09/21 09:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	106-93-4	
Dibromomethane	ND	ug/kg	9.1	1.9	1	04/08/21 15:45	04/09/21 09:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	04/08/21 15:45	04/09/21 09:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.2	4.0	1	04/08/21 15:45	04/09/21 09:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	04/08/21 15:45	04/09/21 09:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	04/08/21 15:45	04/09/21 09:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	04/08/21 15:45	04/09/21 09:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	04/08/21 15:45	04/09/21 09:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	04/08/21 15:45	04/09/21 09:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.2	1	04/08/21 15:45	04/09/21 09:05	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-38 (2-2.5) **Lab ID: 92531952008** Collected: 04/06/21 13:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	18.2	14.9	1	04/08/21 15:45	04/09/21 09:05	87-68-3	
2-Hexanone	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	04/08/21 15:45	04/09/21 09:05	99-87-6	
Methylene Chloride	ND	ug/kg	36.4	24.9	1	04/08/21 15:45	04/09/21 09:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.0	8.8	1	04/08/21 15:45	04/09/21 09:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	04/08/21 15:45	04/09/21 09:05	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	04/08/21 15:45	04/09/21 09:05	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.2	1	04/08/21 15:45	04/09/21 09:05	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	04/08/21 15:45	04/09/21 09:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	04/08/21 15:45	04/09/21 09:05	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	04/08/21 15:45	04/09/21 09:05	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	04/08/21 15:45	04/09/21 09:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	04/08/21 15:45	04/09/21 09:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.6	1	04/08/21 15:45	04/09/21 09:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	04/08/21 15:45	04/09/21 09:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	04/08/21 15:45	04/09/21 09:05	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.3	1	04/08/21 15:45	04/09/21 09:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	04/08/21 15:45	04/09/21 09:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	04/08/21 15:45	04/09/21 09:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	04/08/21 15:45	04/09/21 09:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	04/08/21 15:45	04/09/21 09:05	108-67-8	
Vinyl acetate	ND	ug/kg	91.0	6.6	1	04/08/21 15:45	04/09/21 09:05	108-05-4	
Vinyl chloride	ND	ug/kg	18.2	4.6	1	04/08/21 15:45	04/09/21 09:05	75-01-4	
Xylene (Total)	ND	ug/kg	18.2	5.2	1	04/08/21 15:45	04/09/21 09:05	1330-20-7	
m&p-Xylene	ND	ug/kg	18.2	6.2	1	04/08/21 15:45	04/09/21 09:05	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	04/08/21 15:45	04/09/21 09:05	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 09:05	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:05	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:05	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	32.8	%	0.10	0.10	1		04/08/21 14:33		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	60.9	22.3	1	04/14/21 08:20	04/14/21 19:02	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	60.9	23.5	1	04/14/21 08:20	04/14/21 19:02	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	60.9	21.3	1	04/14/21 08:20	04/14/21 19:02	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	60.9	15.2	1	04/14/21 08:20	04/14/21 19:02	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	60.9	11.5	1	04/14/21 08:20	04/14/21 19:02	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	60.9	14.6	1	04/14/21 08:20	04/14/21 19:02	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	150	%	10-160		1	04/14/21 08:20	04/14/21 19:02	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	15.9J	ug/kg	18.6	1.9	1	04/12/21 11:41	04/13/21 14:14	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	57	%	31-130		1	04/12/21 11:41	04/13/21 14:14	321-60-8	
Nitrobenzene-d5 (S)	68	%	32-130		1	04/12/21 11:41	04/13/21 14:14	4165-60-0	
Terphenyl-d14 (S)	46	%	24-130		1	04/12/21 11:41	04/13/21 14:14	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	83-32-9	
Acenaphthylene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	208-96-8	
Aniline	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	62-53-3	
Anthracene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	623	208	1	04/10/21 00:07	04/13/21 23:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	207-08-9	
Benzoic Acid	ND	ug/kg	3110	1340	1	04/10/21 00:07	04/13/21 23:13	65-85-0	
Benzyl alcohol	ND	ug/kg	1250	472	1	04/10/21 00:07	04/13/21 23:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	623	262	1	04/10/21 00:07	04/13/21 23:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1250	438	1	04/10/21 00:07	04/13/21 23:13	59-50-7	
4-Chloroaniline	ND	ug/kg	1250	489	1	04/10/21 00:07	04/13/21 23:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	623	247	1	04/10/21 00:07	04/13/21 23:13	91-58-7	
2-Chlorophenol	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	623	232	1	04/10/21 00:07	04/13/21 23:13	7005-72-3	
Chrysene	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	53-70-3	
Dibenzofuran	ND	ug/kg	623	225	1	04/10/21 00:07	04/13/21 23:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1250	421	1	04/10/21 00:07	04/13/21 23:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	623	259	1	04/10/21 00:07	04/13/21 23:13	105-67-9	
Dimethylphthalate	ND	ug/kg	623	227	1	04/10/21 00:07	04/13/21 23:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1250	581	1	04/10/21 00:07	04/13/21 23:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3110	1930	1	04/10/21 00:07	04/13/21 23:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	623	240	1	04/10/21 00:07	04/13/21 23:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	623	228	1	04/10/21 00:07	04/13/21 23:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	623	242	1	04/10/21 00:07	04/13/21 23:13	117-81-7	
Fluoranthene	ND	ug/kg	623	213	1	04/10/21 00:07	04/13/21 23:13	206-44-0	
Fluorene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	623	244	1	04/10/21 00:07	04/13/21 23:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	623	357	1	04/10/21 00:07	04/13/21 23:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	623	238	1	04/10/21 00:07	04/13/21 23:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	623	245	1	04/10/21 00:07	04/13/21 23:13	193-39-5	
Isophorone	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	623	219	1	04/10/21 00:07	04/13/21 23:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	623	249	1	04/10/21 00:07	04/13/21 23:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	623	255	1	04/10/21 00:07	04/13/21 23:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	623	251	1	04/10/21 00:07	04/13/21 23:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	3110	510	1	04/10/21 00:07	04/13/21 23:13	88-74-4	
3-Nitroaniline	ND	ug/kg	3110	489	1	04/10/21 00:07	04/13/21 23:13	99-09-2	
4-Nitroaniline	ND	ug/kg	1250	474	1	04/10/21 00:07	04/13/21 23:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	623	289	1	04/10/21 00:07	04/13/21 23:13	98-95-3	
2-Nitrophenol	ND	ug/kg	623	270	1	04/10/21 00:07	04/13/21 23:13	88-75-5	
4-Nitrophenol	ND	ug/kg	3110	1200	1	04/10/21 00:07	04/13/21 23:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	623	210	1	04/10/21 00:07	04/13/21 23:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	623	234	1	04/10/21 00:07	04/13/21 23:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	623	221	1	04/10/21 00:07	04/13/21 23:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	623	296	1	04/10/21 00:07	04/13/21 23:13	108-60-1	
Pentachlorophenol	ND	ug/kg	1250	610	1	04/10/21 00:07	04/13/21 23:13	87-86-5	
Phenanthrene	ND	ug/kg	623	204	1	04/10/21 00:07	04/13/21 23:13	85-01-8	
Phenol	ND	ug/kg	623	278	1	04/10/21 00:07	04/13/21 23:13	108-95-2	
Pyrene	ND	ug/kg	623	253	1	04/10/21 00:07	04/13/21 23:13	129-00-0	
Pyridine	ND	ug/kg	623	196	1	04/10/21 00:07	04/13/21 23:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	623	285	1	04/10/21 00:07	04/13/21 23:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	623	257	1	04/10/21 00:07	04/13/21 23:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	21-130		1	04/10/21 00:07	04/13/21 23:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	19-130		1	04/10/21 00:07	04/13/21 23:13	321-60-8	
Terphenyl-d14 (S)	39	%	15-130		1	04/10/21 00:07	04/13/21 23:13	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/10/21 00:07	04/13/21 23:13	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	04/10/21 00:07	04/13/21 23:13	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/10/21 00:07	04/13/21 23:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	225J	ug/kg	267	85.7	1	04/08/21 15:45	04/09/21 09:24	67-64-1	
Benzene	ND	ug/kg	13.4	5.3	1	04/08/21 15:45	04/09/21 09:24	71-43-2	
Bromobenzene	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	108-86-1	
Bromochloromethane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	74-97-5	
Bromodichloromethane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	75-27-4	
Bromoform	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	75-25-2	
Bromomethane	ND	ug/kg	26.7	21.1	1	04/08/21 15:45	04/09/21 09:24	74-83-9	
2-Butanone (MEK)	93.0J	ug/kg	267	64.1	1	04/08/21 15:45	04/09/21 09:24	78-93-3	
n-Butylbenzene	ND	ug/kg	13.4	6.3	1	04/08/21 15:45	04/09/21 09:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	56-23-5	
Chlorobenzene	ND	ug/kg	13.4	2.6	1	04/08/21 15:45	04/09/21 09:24	108-90-7	
Chloroethane	ND	ug/kg	26.7	10.3	1	04/08/21 15:45	04/09/21 09:24	75-00-3	
Chloroform	ND	ug/kg	13.4	8.1	1	04/08/21 15:45	04/09/21 09:24	67-66-3	
Chloromethane	ND	ug/kg	26.7	11.2	1	04/08/21 15:45	04/09/21 09:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.4	2.4	1	04/08/21 15:45	04/09/21 09:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.4	5.2	1	04/08/21 15:45	04/09/21 09:24	96-12-8	
Dibromochloromethane	ND	ug/kg	13.4	7.5	1	04/08/21 15:45	04/09/21 09:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	106-93-4	
Dibromomethane	ND	ug/kg	13.4	2.9	1	04/08/21 15:45	04/09/21 09:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.4	4.1	1	04/08/21 15:45	04/09/21 09:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.7	5.8	1	04/08/21 15:45	04/09/21 09:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.4	8.8	1	04/08/21 15:45	04/09/21 09:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.4	5.5	1	04/08/21 15:45	04/09/21 09:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.4	4.7	1	04/08/21 15:45	04/09/21 09:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.4	4.0	1	04/08/21 15:45	04/09/21 09:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.4	6.4	1	04/08/21 15:45	04/09/21 09:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.4	4.6	1	04/08/21 15:45	04/09/21 09:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.4	3.6	1	04/08/21 15:45	04/09/21 09:24	108-20-3	
Ethylbenzene	11.5J	ug/kg	13.4	6.2	1	04/08/21 15:45	04/09/21 09:24	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (0-0.6) **Lab ID: 92531952009** Collected: 04/06/21 11:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	26.7	21.8	1	04/08/21 15:45	04/09/21 09:24	87-68-3	
2-Hexanone	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	591-78-6	
p-Isopropylbenzene (Cumene)	ND	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	98-82-8	
p-Isopropyltoluene	15.3	ug/kg	13.4	6.6	1	04/08/21 15:45	04/09/21 09:24	99-87-6	
Methylene Chloride	ND	ug/kg	53.4	36.6	1	04/08/21 15:45	04/09/21 09:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	134	12.9	1	04/08/21 15:45	04/09/21 09:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.4	5.0	1	04/08/21 15:45	04/09/21 09:24	1634-04-4	
Naphthalene	93.2	ug/kg	13.4	7.0	1	04/08/21 15:45	04/09/21 09:24	91-20-3	
n-Propylbenzene	ND	ug/kg	13.4	4.8	1	04/08/21 15:45	04/09/21 09:24	103-65-1	
Styrene	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.4	5.1	1	04/08/21 15:45	04/09/21 09:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.4	3.5	1	04/08/21 15:45	04/09/21 09:24	79-34-5	
Tetrachloroethene	ND	ug/kg	13.4	4.2	1	04/08/21 15:45	04/09/21 09:24	127-18-4	
Toluene	23.3	ug/kg	13.4	3.8	1	04/08/21 15:45	04/09/21 09:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.4	10.8	1	04/08/21 15:45	04/09/21 09:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.4	11.2	1	04/08/21 15:45	04/09/21 09:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.4	6.9	1	04/08/21 15:45	04/09/21 09:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.4	4.4	1	04/08/21 15:45	04/09/21 09:24	79-00-5	
Trichloroethene	ND	ug/kg	13.4	3.4	1	04/08/21 15:45	04/09/21 09:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.4	7.3	1	04/08/21 15:45	04/09/21 09:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.4	6.8	1	04/08/21 15:45	04/09/21 09:24	96-18-4	
1,2,4-Trimethylbenzene	25.2	ug/kg	13.4	3.7	1	04/08/21 15:45	04/09/21 09:24	95-63-6	
1,3,5-Trimethylbenzene	12.5J	ug/kg	13.4	4.5	1	04/08/21 15:45	04/09/21 09:24	108-67-8	
Vinyl acetate	ND	ug/kg	134	9.7	1	04/08/21 15:45	04/09/21 09:24	108-05-4	
Vinyl chloride	ND	ug/kg	26.7	6.8	1	04/08/21 15:45	04/09/21 09:24	75-01-4	
Xylene (Total)	70.1	ug/kg	26.7	7.6	1	04/08/21 15:45	04/09/21 09:24	1330-20-7	
m&p-Xylene	46.8	ug/kg	26.7	9.1	1	04/08/21 15:45	04/09/21 09:24	179601-23-1	
o-Xylene	23.2	ug/kg	13.4	5.9	1	04/08/21 15:45	04/09/21 09:24	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	04/08/21 15:45	04/09/21 09:24	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 09:24	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/08/21 15:45	04/09/21 09:24	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	46.3	%	0.10	0.10	1		04/08/21 14:33		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.0	16.5	1	04/14/21 08:20	04/14/21 11:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.0	17.4	1	04/14/21 08:20	04/14/21 11:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.0	15.8	1	04/14/21 08:20	04/14/21 11:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.0	11.2	1	04/14/21 08:20	04/14/21 11:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.0	8.5	1	04/14/21 08:20	04/14/21 11:50	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.0	10.8	1	04/14/21 08:20	04/14/21 11:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	138	%	10-160		1	04/14/21 08:20	04/14/21 11:50	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	1.6J	ug/kg	13.7	1.4	1	04/12/21 11:41	04/13/21 14:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	54	%	31-130		1	04/12/21 11:41	04/13/21 14:36	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/12/21 11:41	04/13/21 14:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/12/21 11:41	04/13/21 14:36	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	83-32-9	
Acenaphthylene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	208-96-8	
Aniline	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	62-53-3	
Anthracene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	120-12-7	
Benzo(a)anthracene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	451	150	1	04/10/21 00:07	04/13/21 23:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	207-08-9	
Benzoic Acid	ND	ug/kg	2260	970	1	04/10/21 00:07	04/13/21 23:43	65-85-0	
Benzyl alcohol	ND	ug/kg	903	342	1	04/10/21 00:07	04/13/21 23:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	451	190	1	04/10/21 00:07	04/13/21 23:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	903	317	1	04/10/21 00:07	04/13/21 23:43	59-50-7	
4-Chloroaniline	ND	ug/kg	903	354	1	04/10/21 00:07	04/13/21 23:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	451	179	1	04/10/21 00:07	04/13/21 23:43	91-58-7	
2-Chlorophenol	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	451	168	1	04/10/21 00:07	04/13/21 23:43	7005-72-3	
Chrysene	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	53-70-3	
Dibenzofuran	ND	ug/kg	451	163	1	04/10/21 00:07	04/13/21 23:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	903	305	1	04/10/21 00:07	04/13/21 23:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	451	187	1	04/10/21 00:07	04/13/21 23:43	105-67-9	
Dimethylphthalate	ND	ug/kg	451	164	1	04/10/21 00:07	04/13/21 23:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	903	421	1	04/10/21 00:07	04/13/21 23:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2260	1390	1	04/10/21 00:07	04/13/21 23:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	451	174	1	04/10/21 00:07	04/13/21 23:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	451	165	1	04/10/21 00:07	04/13/21 23:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	451	175	1	04/10/21 00:07	04/13/21 23:43	117-81-7	
Fluoranthene	ND	ug/kg	451	155	1	04/10/21 00:07	04/13/21 23:43	206-44-0	
Fluorene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	451	176	1	04/10/21 00:07	04/13/21 23:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	451	258	1	04/10/21 00:07	04/13/21 23:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	451	172	1	04/10/21 00:07	04/13/21 23:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	451	178	1	04/10/21 00:07	04/13/21 23:43	193-39-5	
Isophorone	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	451	159	1	04/10/21 00:07	04/13/21 23:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	451	181	1	04/10/21 00:07	04/13/21 23:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	451	185	1	04/10/21 00:07	04/13/21 23:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	451	182	1	04/10/21 00:07	04/13/21 23:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	2260	369	1	04/10/21 00:07	04/13/21 23:43	88-74-4	
3-Nitroaniline	ND	ug/kg	2260	354	1	04/10/21 00:07	04/13/21 23:43	99-09-2	
4-Nitroaniline	ND	ug/kg	903	343	1	04/10/21 00:07	04/13/21 23:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	451	209	1	04/10/21 00:07	04/13/21 23:43	98-95-3	
2-Nitrophenol	ND	ug/kg	451	196	1	04/10/21 00:07	04/13/21 23:43	88-75-5	
4-Nitrophenol	ND	ug/kg	2260	872	1	04/10/21 00:07	04/13/21 23:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	451	152	1	04/10/21 00:07	04/13/21 23:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	451	170	1	04/10/21 00:07	04/13/21 23:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	451	160	1	04/10/21 00:07	04/13/21 23:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	451	215	1	04/10/21 00:07	04/13/21 23:43	108-60-1	
Pentachlorophenol	ND	ug/kg	903	442	1	04/10/21 00:07	04/13/21 23:43	87-86-5	
Phenanthrene	ND	ug/kg	451	148	1	04/10/21 00:07	04/13/21 23:43	85-01-8	
Phenol	ND	ug/kg	451	201	1	04/10/21 00:07	04/13/21 23:43	108-95-2	
Pyrene	ND	ug/kg	451	183	1	04/10/21 00:07	04/13/21 23:43	129-00-0	
Pyridine	ND	ug/kg	451	142	1	04/10/21 00:07	04/13/21 23:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	451	206	1	04/10/21 00:07	04/13/21 23:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	451	186	1	04/10/21 00:07	04/13/21 23:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	04/10/21 00:07	04/13/21 23:43	4165-60-0	
2-Fluorobiphenyl (S)	70	%	19-130		1	04/10/21 00:07	04/13/21 23:43	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	04/10/21 00:07	04/13/21 23:43	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/13/21 23:43	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/13/21 23:43	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	88	%	18-130		1	04/10/21 00:07	04/13/21 23:43	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	144	46.3	1	04/08/21 15:45	04/09/21 09:42	67-64-1	
Benzene	ND	ug/kg	7.2	2.9	1	04/08/21 15:45	04/09/21 09:42	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	04/08/21 15:45	04/09/21 09:42	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	75-25-2	
Bromomethane	ND	ug/kg	14.4	11.4	1	04/08/21 15:45	04/09/21 09:42	74-83-9	
2-Butanone (MEK)	ND	ug/kg	144	34.6	1	04/08/21 15:45	04/09/21 09:42	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	04/08/21 15:45	04/09/21 09:42	108-90-7	
Chloroethane	ND	ug/kg	14.4	5.6	1	04/08/21 15:45	04/09/21 09:42	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	04/08/21 15:45	04/09/21 09:42	67-66-3	
Chloromethane	ND	ug/kg	14.4	6.1	1	04/08/21 15:45	04/09/21 09:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	04/08/21 15:45	04/09/21 09:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	04/08/21 15:45	04/09/21 09:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.4	3.1	1	04/08/21 15:45	04/09/21 09:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	04/08/21 15:45	04/09/21 09:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	04/08/21 15:45	04/09/21 09:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.2	1	04/08/21 15:45	04/09/21 09:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	04/08/21 15:45	04/09/21 09:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	108-20-3	
Ethylbenzene	ND	ug/kg	7.2	3.4	1	04/08/21 15:45	04/09/21 09:42	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: RI-SB-39 (2-2.5) **Lab ID: 92531952010** Collected: 04/06/21 14:50 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	14.4	11.8	1	04/08/21 15:45	04/09/21 09:42	87-68-3	
2-Hexanone	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.5	1	04/08/21 15:45	04/09/21 09:42	99-87-6	
Methylene Chloride	ND	ug/kg	28.8	19.7	1	04/08/21 15:45	04/09/21 09:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.0	6.9	1	04/08/21 15:45	04/09/21 09:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	04/08/21 15:45	04/09/21 09:42	1634-04-4	
Naphthalene	ND	ug/kg	7.2	3.8	1	04/08/21 15:45	04/09/21 09:42	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	04/08/21 15:45	04/09/21 09:42	103-65-1	
Styrene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	04/08/21 15:45	04/09/21 09:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	04/08/21 15:45	04/09/21 09:42	127-18-4	
Toluene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	04/08/21 15:45	04/09/21 09:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.1	1	04/08/21 15:45	04/09/21 09:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.7	1	04/08/21 15:45	04/09/21 09:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	04/08/21 15:45	04/09/21 09:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	04/08/21 15:45	04/09/21 09:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.6	1	04/08/21 15:45	04/09/21 09:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.2	2.0	1	04/08/21 15:45	04/09/21 09:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	04/08/21 15:45	04/09/21 09:42	108-67-8	
Vinyl acetate	ND	ug/kg	72.0	5.2	1	04/08/21 15:45	04/09/21 09:42	108-05-4	
Vinyl chloride	ND	ug/kg	14.4	3.7	1	04/08/21 15:45	04/09/21 09:42	75-01-4	
Xylene (Total)	ND	ug/kg	14.4	4.1	1	04/08/21 15:45	04/09/21 09:42	1330-20-7	
m&p-Xylene	ND	ug/kg	14.4	4.9	1	04/08/21 15:45	04/09/21 09:42	179601-23-1	
o-Xylene	ND	ug/kg	7.2	3.2	1	04/08/21 15:45	04/09/21 09:42	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/08/21 15:45	04/09/21 09:42	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/08/21 15:45	04/09/21 09:42	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	04/08/21 15:45	04/09/21 09:42	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	26.9	%	0.10	0.10	1		04/08/21 14:33		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	899	329	10	04/10/21 21:37	04/13/21 10:43	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	899	347	10	04/10/21 21:37	04/13/21 10:43	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	899	315	10	04/10/21 21:37	04/13/21 10:43	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	899	225	10	04/10/21 21:37	04/13/21 10:43	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	899	169	10	04/10/21 21:37	04/13/21 10:43	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	899	215	10	04/10/21 21:37	04/13/21 10:43	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:43	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	4270	ug/kg	134	13.8	5	04/12/21 11:41	04/14/21 15:21	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	66	%	31-130		1	04/12/21 11:41	04/13/21 14:58	321-60-8	
Nitrobenzene-d5 (S)	79	%	32-130		1	04/12/21 11:41	04/13/21 14:58	4165-60-0	
Terphenyl-d14 (S)	49	%	24-130		1	04/12/21 11:41	04/13/21 14:58	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	83-32-9	
Acenaphthylene	1980	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	208-96-8	
Aniline	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	62-53-3	
Anthracene	1990	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	120-12-7	
Benzo(a)anthracene	7950	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	56-55-3	
Benzo(b)fluoranthene	7430	ug/kg	918	306	1	04/10/21 00:07	04/14/21 01:43	205-99-2	
Benzo(g,h,i)perylene	3090	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	191-24-2	
Benzo(k)fluoranthene	2940	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	207-08-9	
Benzoic Acid	ND	ug/kg	4590	1970	1	04/10/21 00:07	04/14/21 01:43	65-85-0	
Benzyl alcohol	ND	ug/kg	1840	695	1	04/10/21 00:07	04/14/21 01:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	101-55-3	
Butylbenzylphthalate	ND	ug/kg	918	386	1	04/10/21 00:07	04/14/21 01:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1840	645	1	04/10/21 00:07	04/14/21 01:43	59-50-7	
4-Chloroaniline	ND	ug/kg	1840	720	1	04/10/21 00:07	04/14/21 01:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	111-44-4	
2-Chloronaphthalene	ND	ug/kg	918	364	1	04/10/21 00:07	04/14/21 01:43	91-58-7	
2-Chlorophenol	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	918	342	1	04/10/21 00:07	04/14/21 01:43	7005-72-3	
Chrysene	6050	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	218-01-9	
Dibenz(a,h)anthracene	802J	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	53-70-3	
Dibenzofuran	ND	ug/kg	918	331	1	04/10/21 00:07	04/14/21 01:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1840	620	1	04/10/21 00:07	04/14/21 01:43	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	918	381	1	04/10/21 00:07	04/14/21 01:43	105-67-9	
Dimethylphthalate	ND	ug/kg	918	334	1	04/10/21 00:07	04/14/21 01:43	131-11-3	
Di-n-butylphthalate	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1840	856	1	04/10/21 00:07	04/14/21 01:43	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	4590	2840	1	04/10/21 00:07	04/14/21 01:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	918	353	1	04/10/21 00:07	04/14/21 01:43	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	918	336	1	04/10/21 00:07	04/14/21 01:43	606-20-2	
Di-n-octylphthalate	ND	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	918	356	1	04/10/21 00:07	04/14/21 01:43	117-81-7	
Fluoranthene	15300	ug/kg	4590	1570	5	04/10/21 00:07	04/14/21 09:58	206-44-0	
Fluorene	337J	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	86-73-7	
Hexachlorobenzene	ND	ug/kg	918	359	1	04/10/21 00:07	04/14/21 01:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	918	525	1	04/10/21 00:07	04/14/21 01:43	77-47-4	v2
Hexachloroethane	ND	ug/kg	918	350	1	04/10/21 00:07	04/14/21 01:43	67-72-1	
Indeno(1,2,3-cd)pyrene	3020	ug/kg	918	361	1	04/10/21 00:07	04/14/21 01:43	193-39-5	
Isophorone	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	78-59-1	
1-Methylnaphthalene	ND	ug/kg	918	323	1	04/10/21 00:07	04/14/21 01:43	90-12-0	
2-Methylnaphthalene	ND	ug/kg	918	367	1	04/10/21 00:07	04/14/21 01:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	918	375	1	04/10/21 00:07	04/14/21 01:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	918	370	1	04/10/21 00:07	04/14/21 01:43	15831-10-4	
2-Nitroaniline	ND	ug/kg	4590	751	1	04/10/21 00:07	04/14/21 01:43	88-74-4	
3-Nitroaniline	ND	ug/kg	4590	720	1	04/10/21 00:07	04/14/21 01:43	99-09-2	
4-Nitroaniline	ND	ug/kg	1840	698	1	04/10/21 00:07	04/14/21 01:43	100-01-6	v1
Nitrobenzene	ND	ug/kg	918	425	1	04/10/21 00:07	04/14/21 01:43	98-95-3	
2-Nitrophenol	ND	ug/kg	918	398	1	04/10/21 00:07	04/14/21 01:43	88-75-5	
4-Nitrophenol	ND	ug/kg	4590	1770	1	04/10/21 00:07	04/14/21 01:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	918	309	1	04/10/21 00:07	04/14/21 01:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	918	345	1	04/10/21 00:07	04/14/21 01:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	918	325	1	04/10/21 00:07	04/14/21 01:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	918	437	1	04/10/21 00:07	04/14/21 01:43	108-60-1	
Pentachlorophenol	ND	ug/kg	1840	898	1	04/10/21 00:07	04/14/21 01:43	87-86-5	
Phenanthrene	3250	ug/kg	918	300	1	04/10/21 00:07	04/14/21 01:43	85-01-8	
Phenol	ND	ug/kg	918	409	1	04/10/21 00:07	04/14/21 01:43	108-95-2	
Pyrene	14200	ug/kg	4590	1860	5	04/10/21 00:07	04/14/21 09:58	129-00-0	
Pyridine	ND	ug/kg	918	289	1	04/10/21 00:07	04/14/21 01:43	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	918	420	1	04/10/21 00:07	04/14/21 01:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	918	378	1	04/10/21 00:07	04/14/21 01:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	21-130		1	04/10/21 00:07	04/14/21 01:43	4165-60-0	
2-Fluorobiphenyl (S)	65	%	19-130		1	04/10/21 00:07	04/14/21 01:43	321-60-8	
Terphenyl-d14 (S)	46	%	15-130		1	04/10/21 00:07	04/14/21 01:43	1718-51-0	
Phenol-d6 (S)	74	%	18-130		1	04/10/21 00:07	04/14/21 01:43	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	04/10/21 00:07	04/14/21 01:43	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	87	%	18-130		1	04/10/21 00:07	04/14/21 01:43	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	249J	ug/kg	509	163	1	04/08/21 15:45	04/09/21 10:00	67-64-1	
Benzene	ND	ug/kg	25.5	10.1	1	04/08/21 15:45	04/09/21 10:00	71-43-2	
Bromobenzene	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	108-86-1	
Bromochloromethane	ND	ug/kg	25.5	7.5	1	04/08/21 15:45	04/09/21 10:00	74-97-5	
Bromodichloromethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	75-27-4	
Bromoform	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	75-25-2	
Bromomethane	ND	ug/kg	50.9	40.2	1	04/08/21 15:45	04/09/21 10:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	509	122	1	04/08/21 15:45	04/09/21 10:00	78-93-3	
n-Butylbenzene	ND	ug/kg	25.5	12.0	1	04/08/21 15:45	04/09/21 10:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	56-23-5	
Chlorobenzene	ND	ug/kg	25.5	4.9	1	04/08/21 15:45	04/09/21 10:00	108-90-7	
Chloroethane	ND	ug/kg	50.9	19.7	1	04/08/21 15:45	04/09/21 10:00	75-00-3	
Chloroform	ND	ug/kg	25.5	15.5	1	04/08/21 15:45	04/09/21 10:00	67-66-3	
Chloromethane	ND	ug/kg	50.9	21.4	1	04/08/21 15:45	04/09/21 10:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	25.5	9.0	1	04/08/21 15:45	04/09/21 10:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	25.5	4.5	1	04/08/21 15:45	04/09/21 10:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	25.5	9.9	1	04/08/21 15:45	04/09/21 10:00	96-12-8	
Dibromochloromethane	ND	ug/kg	25.5	14.3	1	04/08/21 15:45	04/09/21 10:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	25.5	11.2	1	04/08/21 15:45	04/09/21 10:00	106-93-4	
Dibromomethane	ND	ug/kg	25.5	5.4	1	04/08/21 15:45	04/09/21 10:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	25.5	9.2	1	04/08/21 15:45	04/09/21 10:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	50.9	11.1	1	04/08/21 15:45	04/09/21 10:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	25.5	16.9	1	04/08/21 15:45	04/09/21 10:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	25.5	10.5	1	04/08/21 15:45	04/09/21 10:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	25.5	8.9	1	04/08/21 15:45	04/09/21 10:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	25.5	7.6	1	04/08/21 15:45	04/09/21 10:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	25.5	7.9	1	04/08/21 15:45	04/09/21 10:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	25.5	8.3	1	04/08/21 15:45	04/09/21 10:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	25.5	12.2	1	04/08/21 15:45	04/09/21 10:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	25.5	8.8	1	04/08/21 15:45	04/09/21 10:00	10061-02-6	
Diisopropyl ether	ND	ug/kg	25.5	6.9	1	04/08/21 15:45	04/09/21 10:00	108-20-3	
Ethylbenzene	ND	ug/kg	25.5	11.9	1	04/08/21 15:45	04/09/21 10:00	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: FD-3 **Lab ID: 92531952011** Collected: 04/06/21 09:30 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	50.9	41.7	1	04/08/21 15:45	04/09/21 10:00	87-68-3	
2-Hexanone	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	25.5	8.7	1	04/08/21 15:45	04/09/21 10:00	98-82-8	
p-Isopropyltoluene	ND	ug/kg	25.5	12.5	1	04/08/21 15:45	04/09/21 10:00	99-87-6	
Methylene Chloride	ND	ug/kg	102	69.8	1	04/08/21 15:45	04/09/21 10:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	255	24.5	1	04/08/21 15:45	04/09/21 10:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	25.5	9.5	1	04/08/21 15:45	04/09/21 10:00	1634-04-4	
Naphthalene	122	ug/kg	25.5	13.4	1	04/08/21 15:45	04/09/21 10:00	91-20-3	
n-Propylbenzene	ND	ug/kg	25.5	9.1	1	04/08/21 15:45	04/09/21 10:00	103-65-1	
Styrene	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	25.5	9.8	1	04/08/21 15:45	04/09/21 10:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	25.5	6.7	1	04/08/21 15:45	04/09/21 10:00	79-34-5	
Tetrachloroethene	ND	ug/kg	25.5	8.0	1	04/08/21 15:45	04/09/21 10:00	127-18-4	
Toluene	16.3J	ug/kg	25.5	7.2	1	04/08/21 15:45	04/09/21 10:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	25.5	20.6	1	04/08/21 15:45	04/09/21 10:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	25.5	21.4	1	04/08/21 15:45	04/09/21 10:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	25.5	13.2	1	04/08/21 15:45	04/09/21 10:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	25.5	8.5	1	04/08/21 15:45	04/09/21 10:00	79-00-5	
Trichloroethene	ND	ug/kg	25.5	6.6	1	04/08/21 15:45	04/09/21 10:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	25.5	14.0	1	04/08/21 15:45	04/09/21 10:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	25.5	12.9	1	04/08/21 15:45	04/09/21 10:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	25.5	7.0	1	04/08/21 15:45	04/09/21 10:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	25.5	8.6	1	04/08/21 15:45	04/09/21 10:00	108-67-8	
Vinyl acetate	ND	ug/kg	255	18.5	1	04/08/21 15:45	04/09/21 10:00	108-05-4	
Vinyl chloride	ND	ug/kg	50.9	12.9	1	04/08/21 15:45	04/09/21 10:00	75-01-4	
Xylene (Total)	21.7J	ug/kg	50.9	14.5	1	04/08/21 15:45	04/09/21 10:00	1330-20-7	
m&p-Xylene	21.7J	ug/kg	50.9	17.4	1	04/08/21 15:45	04/09/21 10:00	179601-23-1	
o-Xylene	ND	ug/kg	25.5	11.3	1	04/08/21 15:45	04/09/21 10:00	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/08/21 15:45	04/09/21 10:00	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/08/21 15:45	04/09/21 10:00	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/08/21 15:45	04/09/21 10:00	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	63.4	%	0.10	0.10	1		04/08/21 14:33		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) Lab ID: 92531952012 Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	534	196	10	04/10/21 21:37	04/13/21 10:50	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	534	206	10	04/10/21 21:37	04/13/21 10:50	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	534	187	10	04/10/21 21:37	04/13/21 10:50	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	534	133	10	04/10/21 21:37	04/13/21 10:50	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	534	101	10	04/10/21 21:37	04/13/21 10:50	11097-69-1	
PCB-1260 (Aroclor 1260)	1840	ug/kg	534	128	10	04/10/21 21:37	04/13/21 10:50	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	0	%	10-160		10	04/10/21 21:37	04/13/21 10:50	2051-24-3	D3,S4
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3410	ug/kg	65.0	6.7	4	04/12/21 11:41	04/14/21 15:43	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		2	04/12/21 11:41	04/13/21 15:20	321-60-8	
Nitrobenzene-d5 (S)	74	%	32-130		2	04/12/21 11:41	04/13/21 15:20	4165-60-0	
Terphenyl-d14 (S)	44	%	24-130		2	04/12/21 11:41	04/13/21 15:20	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	83-32-9	
Acenaphthylene	1590J	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	208-96-8	
Aniline	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	62-53-3	
Anthracene	1540J	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	120-12-7	
Benzo(a)anthracene	4430	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	56-55-3	
Benzo(b)fluoranthene	4840	ug/kg	2690	896	5	04/10/21 00:07	04/14/21 02:13	205-99-2	
Benzo(g,h,i)perylene	2000J	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	191-24-2	
Benzo(k)fluoranthene	2210J	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	207-08-9	
Benzoic Acid	ND	ug/kg	13400	5780	5	04/10/21 00:07	04/14/21 02:13	65-85-0	
Benzyl alcohol	ND	ug/kg	5380	2040	5	04/10/21 00:07	04/14/21 02:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	2690	1130	5	04/10/21 00:07	04/14/21 02:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	5380	1890	5	04/10/21 00:07	04/14/21 02:13	59-50-7	
4-Chloroaniline	ND	ug/kg	5380	2110	5	04/10/21 00:07	04/14/21 02:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	2690	1070	5	04/10/21 00:07	04/14/21 02:13	91-58-7	
2-Chlorophenol	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	2690	1000	5	04/10/21 00:07	04/14/21 02:13	7005-72-3	
Chrysene	3440	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	53-70-3	
Dibenzofuran	ND	ug/kg	2690	970	5	04/10/21 00:07	04/14/21 02:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	5380	1820	5	04/10/21 00:07	04/14/21 02:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) Lab ID: 92531952012 Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	2690	1120	5	04/10/21 00:07	04/14/21 02:13	105-67-9	
Dimethylphthalate	ND	ug/kg	2690	978	5	04/10/21 00:07	04/14/21 02:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	5380	2510	5	04/10/21 00:07	04/14/21 02:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	13400	8310	5	04/10/21 00:07	04/14/21 02:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	2690	986	5	04/10/21 00:07	04/14/21 02:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	2690	1040	5	04/10/21 00:07	04/14/21 02:13	117-81-7	
Fluoranthene	9720	ug/kg	2690	921	5	04/10/21 00:07	04/14/21 02:13	206-44-0	
Fluorene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	2690	1050	5	04/10/21 00:07	04/14/21 02:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	2690	1540	5	04/10/21 00:07	04/14/21 02:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	2690	1030	5	04/10/21 00:07	04/14/21 02:13	67-72-1	
Indeno(1,2,3-cd)pyrene	1850J	ug/kg	2690	1060	5	04/10/21 00:07	04/14/21 02:13	193-39-5	
Isophorone	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	2690	945	5	04/10/21 00:07	04/14/21 02:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	2690	1100	5	04/10/21 00:07	04/14/21 02:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	2690	1080	5	04/10/21 00:07	04/14/21 02:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	13400	2200	5	04/10/21 00:07	04/14/21 02:13	88-74-4	
3-Nitroaniline	ND	ug/kg	13400	2110	5	04/10/21 00:07	04/14/21 02:13	99-09-2	
4-Nitroaniline	ND	ug/kg	5380	2050	5	04/10/21 00:07	04/14/21 02:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	2690	1250	5	04/10/21 00:07	04/14/21 02:13	98-95-3	
2-Nitrophenol	ND	ug/kg	2690	1170	5	04/10/21 00:07	04/14/21 02:13	88-75-5	
4-Nitrophenol	ND	ug/kg	13400	5200	5	04/10/21 00:07	04/14/21 02:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	2690	905	5	04/10/21 00:07	04/14/21 02:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	2690	1010	5	04/10/21 00:07	04/14/21 02:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	2690	953	5	04/10/21 00:07	04/14/21 02:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	2690	1280	5	04/10/21 00:07	04/14/21 02:13	108-60-1	
Pentachlorophenol	ND	ug/kg	5380	2630	5	04/10/21 00:07	04/14/21 02:13	87-86-5	
Phenanthrene	3000	ug/kg	2690	880	5	04/10/21 00:07	04/14/21 02:13	85-01-8	
Phenol	ND	ug/kg	2690	1200	5	04/10/21 00:07	04/14/21 02:13	108-95-2	
Pyrene	7170	ug/kg	2690	1090	5	04/10/21 00:07	04/14/21 02:13	129-00-0	
Pyridine	ND	ug/kg	2690	847	5	04/10/21 00:07	04/14/21 02:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	2690	1230	5	04/10/21 00:07	04/14/21 02:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	2690	1110	5	04/10/21 00:07	04/14/21 02:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		5	04/10/21 00:07	04/14/21 02:13	4165-60-0	D3
2-Fluorobiphenyl (S)	64	%	19-130		5	04/10/21 00:07	04/14/21 02:13	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		5	04/10/21 00:07	04/14/21 02:13	1718-51-0	
Phenol-d6 (S)	70	%	18-130		5	04/10/21 00:07	04/14/21 02:13	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		5	04/10/21 00:07	04/14/21 02:13	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) Lab ID: 92531952012 Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	81	%	18-130		5	04/10/21 00:07	04/14/21 02:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	333	ug/kg	258	82.7	1	04/09/21 14:45	04/09/21 22:09	67-64-1	
Benzene	75.3	ug/kg	12.9	5.1	1	04/09/21 14:45	04/09/21 22:09	71-43-2	
Bromobenzene	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	108-86-1	
Bromochloromethane	ND	ug/kg	12.9	3.8	1	04/09/21 14:45	04/09/21 22:09	74-97-5	
Bromodichloromethane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	75-27-4	
Bromoform	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	75-25-2	
Bromomethane	ND	ug/kg	25.8	20.4	1	04/09/21 14:45	04/09/21 22:09	74-83-9	
2-Butanone (MEK)	119J	ug/kg	258	61.9	1	04/09/21 14:45	04/09/21 22:09	78-93-3	
n-Butylbenzene	ND	ug/kg	12.9	6.1	1	04/09/21 14:45	04/09/21 22:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	56-23-5	
Chlorobenzene	ND	ug/kg	12.9	2.5	1	04/09/21 14:45	04/09/21 22:09	108-90-7	
Chloroethane	ND	ug/kg	25.8	9.9	1	04/09/21 14:45	04/09/21 22:09	75-00-3	
Chloroform	ND	ug/kg	12.9	7.8	1	04/09/21 14:45	04/09/21 22:09	67-66-3	
Chloromethane	ND	ug/kg	25.8	10.8	1	04/09/21 14:45	04/09/21 22:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.9	2.3	1	04/09/21 14:45	04/09/21 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.9	5.0	1	04/09/21 14:45	04/09/21 22:09	96-12-8	
Dibromochloromethane	ND	ug/kg	12.9	7.2	1	04/09/21 14:45	04/09/21 22:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	106-93-4	
Dibromomethane	ND	ug/kg	12.9	2.8	1	04/09/21 14:45	04/09/21 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	541-73-1	
1,4-Dichlorobenzene	48.3	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.8	5.6	1	04/09/21 14:45	04/09/21 22:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.9	8.5	1	04/09/21 14:45	04/09/21 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.9	5.3	1	04/09/21 14:45	04/09/21 22:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.9	4.5	1	04/09/21 14:45	04/09/21 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.9	3.9	1	04/09/21 14:45	04/09/21 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.9	4.0	1	04/09/21 14:45	04/09/21 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.9	4.2	1	04/09/21 14:45	04/09/21 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.9	6.2	1	04/09/21 14:45	04/09/21 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	108-20-3	
Ethylbenzene	35.0	ug/kg	12.9	6.0	1	04/09/21 14:45	04/09/21 22:09	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Sample: DA4-SB-13 (0-0.6) Lab ID: 92531952012 Collected: 04/05/21 16:00 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	25.8	21.1	1	04/09/21 14:45	04/09/21 22:09	87-68-3	
2-Hexanone	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	591-78-6	
Isopropylbenzene (Cumene)	6.8J	ug/kg	12.9	4.4	1	04/09/21 14:45	04/09/21 22:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	12.9	6.3	1	04/09/21 14:45	04/09/21 22:09	99-87-6	
Methylene Chloride	ND	ug/kg	51.6	35.3	1	04/09/21 14:45	04/09/21 22:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	129	12.4	1	04/09/21 14:45	04/09/21 22:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.9	4.8	1	04/09/21 14:45	04/09/21 22:09	1634-04-4	
Naphthalene	1300	ug/kg	12.9	6.8	1	04/09/21 14:45	04/09/21 22:09	91-20-3	
n-Propylbenzene	ND	ug/kg	12.9	4.6	1	04/09/21 14:45	04/09/21 22:09	103-65-1	
Styrene	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.9	4.9	1	04/09/21 14:45	04/09/21 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.9	3.4	1	04/09/21 14:45	04/09/21 22:09	79-34-5	
Tetrachloroethene	ND	ug/kg	12.9	4.1	1	04/09/21 14:45	04/09/21 22:09	127-18-4	
Toluene	54.6	ug/kg	12.9	3.7	1	04/09/21 14:45	04/09/21 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.9	10.4	1	04/09/21 14:45	04/09/21 22:09	87-61-6	
1,2,4-Trichlorobenzene	23.1	ug/kg	12.9	10.8	1	04/09/21 14:45	04/09/21 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.9	6.7	1	04/09/21 14:45	04/09/21 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	79-00-5	
Trichloroethene	ND	ug/kg	12.9	3.3	1	04/09/21 14:45	04/09/21 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	12.9	7.1	1	04/09/21 14:45	04/09/21 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.9	6.5	1	04/09/21 14:45	04/09/21 22:09	96-18-4	
1,2,4-Trimethylbenzene	26.5	ug/kg	12.9	3.5	1	04/09/21 14:45	04/09/21 22:09	95-63-6	
1,3,5-Trimethylbenzene	11.8J	ug/kg	12.9	4.3	1	04/09/21 14:45	04/09/21 22:09	108-67-8	
Vinyl acetate	ND	ug/kg	129	9.4	1	04/09/21 14:45	04/09/21 22:09	108-05-4	
Vinyl chloride	ND	ug/kg	25.8	6.5	1	04/09/21 14:45	04/09/21 22:09	75-01-4	
Xylene (Total)	97.4	ug/kg	25.8	7.3	1	04/09/21 14:45	04/09/21 22:09	1330-20-7	
m&p-Xylene	72.9	ug/kg	25.8	8.8	1	04/09/21 14:45	04/09/21 22:09	179601-23-1	
o-Xylene	24.5	ug/kg	12.9	5.7	1	04/09/21 14:45	04/09/21 22:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/09/21 14:45	04/09/21 22:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/09/21 14:45	04/09/21 22:09	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/09/21 14:45	04/09/21 22:09	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	39.0	%	0.10	0.10	1		04/08/21 14:33		N2
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.8	16.8	1	04/14/21 08:20	04/14/21 18:48	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.8	17.7	1	04/14/21 08:20	04/14/21 18:48	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.8	16.0	1	04/14/21 08:20	04/14/21 18:48	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.8	11.4	1	04/14/21 08:20	04/14/21 18:48	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.8	8.6	1	04/14/21 08:20	04/14/21 18:48	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	45.8	11.0	1	04/14/21 08:20	04/14/21 18:48	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	121	%	10-160		1	04/14/21 08:20	04/14/21 18:48	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	3850	ug/kg	69.4	7.1	5	04/13/21 14:08	04/15/21 08:04	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	58	%	31-130		1	04/13/21 14:08	04/14/21 13:53	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/13/21 14:08	04/14/21 13:53	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/13/21 14:08	04/14/21 13:53	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	246J	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	83-32-9	
Acenaphthylene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	208-96-8	
Aniline	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	62-53-3	
Anthracene	215J	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	120-12-7	
Benzo(a)anthracene	298J	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	56-55-3	
Benzo(b)fluoranthene	290J	ug/kg	446	149	1	04/10/21 00:07	04/14/21 00:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	207-08-9	
Benzoic Acid	ND	ug/kg	2230	958	1	04/10/21 00:07	04/14/21 00:13	65-85-0	
Benzyl alcohol	ND	ug/kg	892	338	1	04/10/21 00:07	04/14/21 00:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	446	188	1	04/10/21 00:07	04/14/21 00:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	892	314	1	04/10/21 00:07	04/14/21 00:13	59-50-7	
4-Chloroaniline	ND	ug/kg	892	350	1	04/10/21 00:07	04/14/21 00:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	446	177	1	04/10/21 00:07	04/14/21 00:13	91-58-7	
2-Chlorophenol	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	446	166	1	04/10/21 00:07	04/14/21 00:13	7005-72-3	
Chrysene	228J	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	53-70-3	
Dibenzofuran	ND	ug/kg	446	161	1	04/10/21 00:07	04/14/21 00:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	892	301	1	04/10/21 00:07	04/14/21 00:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	446	185	1	04/10/21 00:07	04/14/21 00:13	105-67-9	
Dimethylphthalate	ND	ug/kg	446	162	1	04/10/21 00:07	04/14/21 00:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	892	416	1	04/10/21 00:07	04/14/21 00:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2230	1380	1	04/10/21 00:07	04/14/21 00:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	446	172	1	04/10/21 00:07	04/14/21 00:13	121-14-2	v1
2,6-Dinitrotoluene	ND	ug/kg	446	164	1	04/10/21 00:07	04/14/21 00:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	446	173	1	04/10/21 00:07	04/14/21 00:13	117-81-7	
Fluoranthene	710	ug/kg	446	153	1	04/10/21 00:07	04/14/21 00:13	206-44-0	
Fluorene	ND	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	446	174	1	04/10/21 00:07	04/14/21 00:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	446	255	1	04/10/21 00:07	04/14/21 00:13	77-47-4	v2
Hexachloroethane	ND	ug/kg	446	170	1	04/10/21 00:07	04/14/21 00:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	446	176	1	04/10/21 00:07	04/14/21 00:13	193-39-5	
Isophorone	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	78-59-1	
1-Methylnaphthalene	214J	ug/kg	446	157	1	04/10/21 00:07	04/14/21 00:13	90-12-0	
2-Methylnaphthalene	380J	ug/kg	446	178	1	04/10/21 00:07	04/14/21 00:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	446	182	1	04/10/21 00:07	04/14/21 00:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	446	180	1	04/10/21 00:07	04/14/21 00:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2230	365	1	04/10/21 00:07	04/14/21 00:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2230	350	1	04/10/21 00:07	04/14/21 00:13	99-09-2	
4-Nitroaniline	ND	ug/kg	892	339	1	04/10/21 00:07	04/14/21 00:13	100-01-6	v1
Nitrobenzene	ND	ug/kg	446	207	1	04/10/21 00:07	04/14/21 00:13	98-95-3	
2-Nitrophenol	ND	ug/kg	446	193	1	04/10/21 00:07	04/14/21 00:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2230	862	1	04/10/21 00:07	04/14/21 00:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	446	150	1	04/10/21 00:07	04/14/21 00:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	446	168	1	04/10/21 00:07	04/14/21 00:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	446	158	1	04/10/21 00:07	04/14/21 00:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	446	212	1	04/10/21 00:07	04/14/21 00:13	108-60-1	
Pentachlorophenol	ND	ug/kg	892	437	1	04/10/21 00:07	04/14/21 00:13	87-86-5	
Phenanthrene	553	ug/kg	446	146	1	04/10/21 00:07	04/14/21 00:13	85-01-8	
Phenol	ND	ug/kg	446	199	1	04/10/21 00:07	04/14/21 00:13	108-95-2	
Pyrene	510	ug/kg	446	181	1	04/10/21 00:07	04/14/21 00:13	129-00-0	
Pyridine	ND	ug/kg	446	141	1	04/10/21 00:07	04/14/21 00:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	446	204	1	04/10/21 00:07	04/14/21 00:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	446	184	1	04/10/21 00:07	04/14/21 00:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	04/10/21 00:07	04/14/21 00:13	4165-60-0	
2-Fluorobiphenyl (S)	51	%	19-130		1	04/10/21 00:07	04/14/21 00:13	321-60-8	
Terphenyl-d14 (S)	38	%	15-130		1	04/10/21 00:07	04/14/21 00:13	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	04/10/21 00:07	04/14/21 00:13	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/10/21 00:07	04/14/21 00:13	367-12-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) Lab ID: 92531952013 Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	80	%	18-130		1	04/10/21 00:07	04/14/21 00:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	609	196	4	04/08/21 15:45	04/09/21 11:09	67-64-1	
Benzene	170	ug/kg	30.5	12.1	4	04/08/21 15:45	04/09/21 11:09	71-43-2	
Bromobenzene	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	108-86-1	
Bromochloromethane	ND	ug/kg	30.5	9.0	4	04/08/21 15:45	04/09/21 11:09	74-97-5	
Bromodichloromethane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	75-27-4	
Bromoform	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	75-25-2	
Bromomethane	ND	ug/kg	60.9	48.1	4	04/08/21 15:45	04/09/21 11:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	609	146	4	04/08/21 15:45	04/09/21 11:09	78-93-3	
n-Butylbenzene	ND	ug/kg	30.5	14.4	4	04/08/21 15:45	04/09/21 11:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	56-23-5	
Chlorobenzene	ND	ug/kg	30.5	5.8	4	04/08/21 15:45	04/09/21 11:09	108-90-7	
Chloroethane	ND	ug/kg	60.9	23.5	4	04/08/21 15:45	04/09/21 11:09	75-00-3	
Chloroform	ND	ug/kg	30.5	18.5	4	04/08/21 15:45	04/09/21 11:09	67-66-3	
Chloromethane	ND	ug/kg	60.9	25.6	4	04/08/21 15:45	04/09/21 11:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	30.5	5.4	4	04/08/21 15:45	04/09/21 11:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	30.5	11.8	4	04/08/21 15:45	04/09/21 11:09	96-12-8	
Dibromochloromethane	ND	ug/kg	30.5	17.1	4	04/08/21 15:45	04/09/21 11:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	30.5	13.4	4	04/08/21 15:45	04/09/21 11:09	106-93-4	
Dibromomethane	ND	ug/kg	30.5	6.5	4	04/08/21 15:45	04/09/21 11:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	30.5	11.0	4	04/08/21 15:45	04/09/21 11:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	30.5	9.4	4	04/08/21 15:45	04/09/21 11:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	60.9	13.2	4	04/08/21 15:45	04/09/21 11:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	30.5	20.2	4	04/08/21 15:45	04/09/21 11:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	30.5	12.5	4	04/08/21 15:45	04/09/21 11:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	30.5	10.7	4	04/08/21 15:45	04/09/21 11:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	30.5	9.1	4	04/08/21 15:45	04/09/21 11:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	30.5	9.5	4	04/08/21 15:45	04/09/21 11:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	30.5	9.9	4	04/08/21 15:45	04/09/21 11:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	30.5	14.6	4	04/08/21 15:45	04/09/21 11:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	30.5	10.5	4	04/08/21 15:45	04/09/21 11:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	30.5	8.2	4	04/08/21 15:45	04/09/21 11:09	108-20-3	
Ethylbenzene	278	ug/kg	30.5	14.2	4	04/08/21 15:45	04/09/21 11:09	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: DA4-SB-13 (6.5-7.5) **Lab ID: 92531952013** Collected: 04/05/21 16:20 Received: 04/08/21 08:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	60.9	49.8	4	04/08/21 15:45	04/09/21 11:09	87-68-3	
2-Hexanone	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	591-78-6	
Isopropylbenzene (Cumene)	26.8J	ug/kg	30.5	10.4	4	04/08/21 15:45	04/09/21 11:09	98-82-8	
p-Isopropyltoluene	36.7	ug/kg	30.5	15.0	4	04/08/21 15:45	04/09/21 11:09	99-87-6	
Methylene Chloride	ND	ug/kg	122	83.4	4	04/08/21 15:45	04/09/21 11:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	305	29.4	4	04/08/21 15:45	04/09/21 11:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	30.5	11.4	4	04/08/21 15:45	04/09/21 11:09	1634-04-4	
Naphthalene	18800	ug/kg	30.5	16.0	4	04/08/21 15:45	04/09/21 11:09	91-20-3	
n-Propylbenzene	ND	ug/kg	30.5	10.8	4	04/08/21 15:45	04/09/21 11:09	103-65-1	
Styrene	25.2J	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	30.5	11.7	4	04/08/21 15:45	04/09/21 11:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	30.5	8.0	4	04/08/21 15:45	04/09/21 11:09	79-34-5	
Tetrachloroethene	ND	ug/kg	30.5	9.6	4	04/08/21 15:45	04/09/21 11:09	127-18-4	
Toluene	144	ug/kg	30.5	8.6	4	04/08/21 15:45	04/09/21 11:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	30.5	24.6	4	04/08/21 15:45	04/09/21 11:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	30.5	25.6	4	04/08/21 15:45	04/09/21 11:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	30.5	15.8	4	04/08/21 15:45	04/09/21 11:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	30.5	10.1	4	04/08/21 15:45	04/09/21 11:09	79-00-5	
Trichloroethene	ND	ug/kg	30.5	7.9	4	04/08/21 15:45	04/09/21 11:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	30.5	16.8	4	04/08/21 15:45	04/09/21 11:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	30.5	15.4	4	04/08/21 15:45	04/09/21 11:09	96-18-4	
1,2,4-Trimethylbenzene	331	ug/kg	30.5	8.3	4	04/08/21 15:45	04/09/21 11:09	95-63-6	
1,3,5-Trimethylbenzene	129	ug/kg	30.5	10.2	4	04/08/21 15:45	04/09/21 11:09	108-67-8	
Vinyl acetate	ND	ug/kg	305	22.2	4	04/08/21 15:45	04/09/21 11:09	108-05-4	
Vinyl chloride	ND	ug/kg	60.9	15.5	4	04/08/21 15:45	04/09/21 11:09	75-01-4	
Xylene (Total)	538	ug/kg	60.9	17.4	4	04/08/21 15:45	04/09/21 11:09	1330-20-7	
m&p-Xylene	310	ug/kg	60.9	20.8	4	04/08/21 15:45	04/09/21 11:09	179601-23-1	
o-Xylene	228	ug/kg	30.5	13.5	4	04/08/21 15:45	04/09/21 11:09	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		4	04/08/21 15:45	04/09/21 11:09	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		4	04/08/21 15:45	04/09/21 11:09	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		4	04/08/21 15:45	04/09/21 11:09	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	27.0	%	0.10	0.10	1		04/08/21 14:33		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/12/21 06:11	04/12/21 18:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/12/21 06:11	04/12/21 18:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/12/21 06:11	04/12/21 18:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/12/21 06:11	04/12/21 18:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/12/21 06:11	04/12/21 18:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/12/21 06:11	04/12/21 18:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/12/21 06:11	04/12/21 18:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/12/21 06:11	04/12/21 18:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/12/21 06:11	04/12/21 18:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/12/21 06:11	04/12/21 18:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/12/21 06:11	04/12/21 18:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/12/21 06:11	04/12/21 18:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/12/21 06:11	04/12/21 18:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/12/21 06:11	04/12/21 18:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/12/21 06:11	04/12/21 18:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/12/21 06:11	04/12/21 18:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/12/21 06:11	04/12/21 18:26	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	04/12/21 06:11	04/12/21 18:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/12/21 06:11	04/12/21 18:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/12/21 06:11	04/12/21 18:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/12/21 06:11	04/12/21 18:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/12/21 06:11	04/12/21 18:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/12/21 06:11	04/12/21 18:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/12/21 06:11	04/12/21 18:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/12/21 06:11	04/12/21 18:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/12/21 06:11	04/12/21 18:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/12/21 06:11	04/12/21 18:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/12/21 06:11	04/12/21 18:26	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/12/21 06:11	04/12/21 18:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/12/21 06:11	04/12/21 18:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	49	%	10-144		1	04/12/21 06:11	04/12/21 18:26	4165-60-0	
2-Fluorobiphenyl (S)	36	%	10-130		1	04/12/21 06:11	04/12/21 18:26	321-60-8	
Terphenyl-d14 (S)	83	%	34-163		1	04/12/21 06:11	04/12/21 18:26	1718-51-0	
Phenol-d6 (S)	28	%	10-130		1	04/12/21 06:11	04/12/21 18:26	13127-88-3	
2-Fluorophenol (S)	35	%	10-130		1	04/12/21 06:11	04/12/21 18:26	367-12-4	
2,4,6-Tribromophenol (S)	66	%	10-144		1	04/12/21 06:11	04/12/21 18:26	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 18:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	121	%	67-170		1	04/12/21 10:54	04/12/21 18:50	4165-60-0	
2-Fluorobiphenyl (S)	136	%	61-163		1	04/12/21 10:54	04/12/21 18:50	321-60-8	
Terphenyl-d14 (S)	118	%	62-169		1	04/12/21 10:54	04/12/21 18:50	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	12.7J	ug/L	25.0	5.1	1		04/12/21 15:49	67-64-1	C0
Benzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/12/21 15:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/12/21 15:49	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/12/21 15:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/12/21 15:49	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/12/21 15:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/12/21 15:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/12/21 15:49	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/12/21 15:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/12/21 15:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/12/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/12/21 15:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/12/21 15:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/12/21 15:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/12/21 15:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/12/21 15:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/12/21 15:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/12/21 15:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/12/21 15:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/12/21 15:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/12/21 15:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/12/21 15:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/12/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/12/21 15:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/12/21 15:49	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/12/21 15:49	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/12/21 15:49	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/12/21 15:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/12/21 15:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/12/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/12/21 15:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/12/21 15:49	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/12/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/12/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/12/21 15:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/12/21 15:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/12/21 15:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/12/21 15:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/12/21 15:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/12/21 15:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/12/21 15:49	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/12/21 15:49	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: EB-3 **Lab ID: 92531952014** Collected: 04/05/21 15:15 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/12/21 15:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/12/21 15:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/12/21 15:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/12/21 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		04/12/21 15:49	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/12/21 15:49	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: TRIP BLANK **Lab ID: 92531952015** Collected: 04/08/21 00:00 Received: 04/08/21 08:00 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/08/21 15:29	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/08/21 15:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/08/21 15:29	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/08/21 15:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/08/21 15:29	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/08/21 15:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/08/21 15:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/08/21 15:29	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/08/21 15:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/08/21 15:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/08/21 15:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/08/21 15:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/08/21 15:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/08/21 15:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/08/21 15:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/08/21 15:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/08/21 15:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/08/21 15:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/08/21 15:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/08/21 15:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/08/21 15:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/08/21 15:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/08/21 15:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/08/21 15:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/08/21 15:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/08/21 15:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/08/21 15:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/08/21 15:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/08/21 15:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/08/21 15:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/08/21 15:29	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Sample: TRIP BLANK Lab ID: 92531952015 Collected: 04/08/21 00:00 Received: 04/08/21 08:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/08/21 15:29	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/08/21 15:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/08/21 15:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/08/21 15:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/08/21 15:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/08/21 15:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/08/21 15:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/08/21 15:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/08/21 15:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/08/21 15:29	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/08/21 15:29	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/08/21 15:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/08/21 15:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/08/21 15:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		04/08/21 15:29	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		04/08/21 15:29	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/08/21 15:29	2037-26-5	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch: 612349

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952015

METHOD BLANK: 3223149

Matrix: Water

Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/08/21 10:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/08/21 10:32	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/08/21 10:32	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/08/21 10:32	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/08/21 10:32	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/08/21 10:32	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/08/21 10:32	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/08/21 10:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/08/21 10:32	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/08/21 10:32	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/08/21 10:32	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/08/21 10:32	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/08/21 10:32	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/08/21 10:32	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/08/21 10:32	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
2-Hexanone	ug/L	ND	5.0	0.48	04/08/21 10:32	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/08/21 10:32	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/08/21 10:32	
Acetone	ug/L	ND	25.0	5.1	04/08/21 10:32	
Benzene	ug/L	ND	1.0	0.34	04/08/21 10:32	
Bromobenzene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Bromochloromethane	ug/L	ND	1.0	0.47	04/08/21 10:32	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/08/21 10:32	
Bromoform	ug/L	ND	1.0	0.34	04/08/21 10:32	IK
Bromomethane	ug/L	ND	2.0	1.7	04/08/21 10:32	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/08/21 10:32	
Chlorobenzene	ug/L	ND	1.0	0.28	04/08/21 10:32	
Chloroethane	ug/L	ND	1.0	0.65	04/08/21 10:32	
Chloroform	ug/L	ND	5.0	1.6	04/08/21 10:32	
Chloromethane	ug/L	ND	1.0	0.54	04/08/21 10:32	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/08/21 10:32	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/08/21 10:32	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/08/21 10:32	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3223149

Matrix: Water

Associated Lab Samples: 92531952015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/08/21 10:32	
Ethylbenzene	ug/L	ND	1.0	0.30	04/08/21 10:32	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/08/21 10:32	
m&p-Xylene	ug/L	ND	2.0	0.71	04/08/21 10:32	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/08/21 10:32	
Methylene Chloride	ug/L	ND	5.0	2.0	04/08/21 10:32	
Naphthalene	ug/L	ND	1.0	0.64	04/08/21 10:32	
o-Xylene	ug/L	ND	1.0	0.34	04/08/21 10:32	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/08/21 10:32	
Styrene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/08/21 10:32	
Toluene	ug/L	ND	1.0	0.48	04/08/21 10:32	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/08/21 10:32	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/08/21 10:32	
Trichloroethene	ug/L	ND	1.0	0.38	04/08/21 10:32	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/08/21 10:32	
Vinyl acetate	ug/L	ND	2.0	1.3	04/08/21 10:32	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/08/21 10:32	
Xylene (Total)	ug/L	ND	1.0	0.34	04/08/21 10:32	
1,2-Dichloroethane-d4 (S)	%	92	70-130		04/08/21 10:32	
4-Bromofluorobenzene (S)	%	98	70-130		04/08/21 10:32	
Toluene-d8 (S)	%	112	70-130		04/08/21 10:32	

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.1	88	70-130	
1,1,1-Trichloroethane	ug/L	50	56.0	112	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	70-130	
1,1,2-Trichloroethane	ug/L	50	42.4	85	70-130	
1,1-Dichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethene	ug/L	50	49.1	98	70-130	
1,1-Dichloropropene	ug/L	50	48.1	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2,3-Trichloropropane	ug/L	50	48.4	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.5	111	70-130	
1,2-Dichlorobenzene	ug/L	50	48.6	97	70-130	
1,2-Dichloroethane	ug/L	50	52.5	105	70-130	
1,2-Dichloropropane	ug/L	50	51.8	104	70-130	
1,3-Dichlorobenzene	ug/L	50	48.2	96	70-130	
1,3-Dichloropropane	ug/L	50	44.5	89	70-130	
1,4-Dichlorobenzene	ug/L	50	48.1	96	70-130	
2,2-Dichloropropane	ug/L	50	59.8	120	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3223150

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	50.1	100	70-130	
2-Hexanone	ug/L	100	92.3	92	70-130	
4-Chlorotoluene	ug/L	50	48.2	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.9	89	70-130	
Acetone	ug/L	100	100	100	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	51.2	102	70-130	
Bromochloromethane	ug/L	50	55.2	110	70-130	
Bromodichloromethane	ug/L	50	52.0	104	70-130	
Bromoform	ug/L	50	44.1	88	70-130	IK
Bromomethane	ug/L	50	53.3	107	70-130	
Carbon tetrachloride	ug/L	50	53.1	106	70-130	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	50.2	100	70-130	
Chloroform	ug/L	50	52.2	104	70-130	
Chloromethane	ug/L	50	44.5	89	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.1	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	70-130	IK
Dibromochloromethane	ug/L	50	47.2	94	70-130	IK
Dibromomethane	ug/L	50	48.1	96	70-130	
Dichlorodifluoromethane	ug/L	50	46.1	92	70-130	
Diisopropyl ether	ug/L	50	52.8	106	70-130	
Ethylbenzene	ug/L	50	48.3	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.0	96	70-130	
m&p-Xylene	ug/L	100	95.4	95	70-130	
Methyl-tert-butyl ether	ug/L	50	51.6	103	70-130	
Methylene Chloride	ug/L	50	40.3	81	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.1	94	70-130	
p-Isopropyltoluene	ug/L	50	50.8	102	70-130	
Styrene	ug/L	50	48.9	98	70-130	
Tetrachloroethene	ug/L	50	50.7	101	70-130	
Toluene	ug/L	50	46.9	94	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.1	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	42.7	85	70-130	
Trichloroethene	ug/L	50	54.6	109	70-130	
Trichlorofluoromethane	ug/L	50	46.9	94	70-130	
Vinyl acetate	ug/L	100	104	104	70-130	IK
Vinyl chloride	ug/L	50	47.1	94	70-130	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Parameter	Units	3223151		3223152		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.0	17.7	95	89	73-134	7	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	27.1	26.7	135	133	82-143	2	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	19.3	19.4	96	97	70-136	1	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	19.7	104	99	70-135	6	30		
1,1-Dichloroethane	ug/L	ND	20	20	23.4	24.6	117	123	70-139	5	30		
1,1-Dichloroethene	ug/L	ND	20	20	24.5	23.3	123	117	70-154	5	30		
1,1-Dichloropropene	ug/L	ND	20	20	21.0	20.9	105	104	70-149	1	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.9	19.9	115	99	70-135	14	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	20.1	19.0	100	95	71-137	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.5	18.8	108	94	73-140	14	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.3	21.0	101	105	65-134	3	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	20.7	19.3	103	96	70-133	7	30		
1,2-Dichloroethane	ug/L	ND	20	20	23.0	23.3	115	116	70-137	1	30		
1,2-Dichloropropane	ug/L	ND	20	20	22.1	21.9	110	110	70-140	1	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	21.2	20.1	106	100	70-135	5	30		
1,3-Dichloropropane	ug/L	ND	20	20	17.8	16.9	89	85	70-143	5	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	21.2	19.5	106	98	70-133	8	30		
2,2-Dichloropropane	ug/L	ND	20	20	25.6	25.6	128	128	61-148	0	30		
2-Butanone (MEK)	ug/L	14.5	40	40	55.5	116	102	254	60-139	70	30	IK,M1, R1	
2-Chlorotoluene	ug/L	ND	20	20	21.5	20.7	108	104	70-144	4	30		
2-Hexanone	ug/L	ND	40	40	40.4	46.2	101	115	65-138	13	30		
4-Chlorotoluene	ug/L	ND	20	20	20.0	19.4	100	97	70-137	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.2	38.2	93	95	65-135	3	30		
Acetone	ug/L	71.8	40	40	76.2	191	11	299	60-148	86	30	M1,R1	
Benzene	ug/L	ND	20	20	24.8	24.1	124	121	70-151	3	30		
Bromobenzene	ug/L	ND	20	20	21.4	20.7	107	104	70-136	3	30		
Bromochloromethane	ug/L	ND	20	20	25.3	25.1	127	126	70-141	1	30		
Bromodichloromethane	ug/L	ND	20	20	23.9	22.2	120	111	70-138	8	30		
Bromoform	ug/L	ND	20	20	17.0	17.1	85	85	63-130	0	30	IK	
Bromomethane	ug/L	ND	20	20	25.2	26.2	126	131	15-152	4	30		
Carbon tetrachloride	ug/L	ND	20	20	27.2	26.2	136	131	70-143	4	30		
Chlorobenzene	ug/L	ND	20	20	22.2	21.1	111	106	70-138	5	30		
Chloroethane	ug/L	ND	20	20	24.8	27.3	124	136	52-163	9	30		
Chloroform	ug/L	ND	20	20	22.7	24.1	113	120	70-139	6	30		
Chloromethane	ug/L	ND	20	20	18.8	23.0	94	115	41-139	20	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.9	118	119	70-141	2	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.8	19.7	99	99	70-137	0	30	IK	
Dibromochloromethane	ug/L	ND	20	20	18.4	18.1	92	90	70-134	2	30	IK	
Dibromomethane	ug/L	ND	20	20	22.9	23.0	114	115	70-138	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	23.3	23.5	117	117	47-155	1	30		
Diisopropyl ether	ug/L	ND	20	20	19.2	20.4	96	102	63-144	6	30		
Ethylbenzene	ug/L	ND	20	20	22.4	21.3	112	106	66-153	5	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	14.5	103	72	65-149	35	30	R1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Parameter	Units	3223151		3223152		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92531836001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
m&p-Xylene	ug/L	ND	40	40	45.8	43.2	115	108	69-152	6	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	18.6	20.0	93	100	54-156	7	30		
Methylene Chloride	ug/L	ND	20	20	19.1	18.9	96	95	42-159	1	30		
Naphthalene	ug/L	10.5	20	20	33.1	31.7	113	106	61-148	4	30		
o-Xylene	ug/L	ND	20	20	22.2	21.5	111	108	70-148	3	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.9	20.0	110	100	70-146	9	30		
Styrene	ug/L	ND	20	20	22.4	21.5	112	108	70-135	4	30		
Tetrachloroethene	ug/L	ND	20	20	23.1	22.3	116	111	59-143	4	30		
Toluene	ug/L	16.2	20	20	41.5	45.7	127	147	59-148	9	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.7	23.8	124	119	70-146	4	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.1	19.2	95	96	70-135	1	30		
Trichloroethene	ug/L	ND	20	20	25.0	22.5	125	113	70-147	10	30		
Trichlorofluoromethane	ug/L	ND	20	20	24.0	23.9	120	119	70-148	0	30		
Vinyl acetate	ug/L	ND	40	40	40.2	39.8	100	99	49-151	1	30	IK	
Vinyl chloride	ug/L	ND	20	20	23.8	24.6	119	123	70-156	3	30		
Xylene (Total)	ug/L	ND	60	60	68.1	64.7	113	108	63-158	5	30		
1,2-Dichloroethane-d4 (S)	%						104	106	70-130				
4-Bromofluorobenzene (S)	%						100	96	70-130				
Toluene-d8 (S)	%						101	99	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch: 613057

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226783

Matrix: Water

Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/12/21 12:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/12/21 12:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/12/21 12:53	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/12/21 12:53	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/12/21 12:53	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/12/21 12:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/12/21 12:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/12/21 12:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/12/21 12:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/12/21 12:53	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/12/21 12:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/12/21 12:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/12/21 12:53	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/12/21 12:53	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/12/21 12:53	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
2-Hexanone	ug/L	ND	5.0	0.48	04/12/21 12:53	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/12/21 12:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/12/21 12:53	
Acetone	ug/L	ND	25.0	5.1	04/12/21 12:53	
Benzene	ug/L	ND	1.0	0.34	04/12/21 12:53	
Bromobenzene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Bromochloromethane	ug/L	ND	1.0	0.47	04/12/21 12:53	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/12/21 12:53	
Bromoform	ug/L	ND	1.0	0.34	04/12/21 12:53	IK
Bromomethane	ug/L	ND	2.0	1.7	04/12/21 12:53	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/12/21 12:53	
Chlorobenzene	ug/L	ND	1.0	0.28	04/12/21 12:53	
Chloroethane	ug/L	ND	1.0	0.65	04/12/21 12:53	
Chloroform	ug/L	ND	5.0	1.6	04/12/21 12:53	
Chloromethane	ug/L	ND	1.0	0.54	04/12/21 12:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/12/21 12:53	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/12/21 12:53	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/12/21 12:53	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3226783

Matrix: Water

Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/12/21 12:53	
Ethylbenzene	ug/L	ND	1.0	0.30	04/12/21 12:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/12/21 12:53	
m&p-Xylene	ug/L	ND	2.0	0.71	04/12/21 12:53	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/12/21 12:53	
Methylene Chloride	ug/L	ND	5.0	2.0	04/12/21 12:53	v2
Naphthalene	ug/L	ND	1.0	0.64	04/12/21 12:53	
o-Xylene	ug/L	ND	1.0	0.34	04/12/21 12:53	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/12/21 12:53	
Styrene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/12/21 12:53	
Toluene	ug/L	ND	1.0	0.48	04/12/21 12:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/12/21 12:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/12/21 12:53	
Trichloroethene	ug/L	ND	1.0	0.38	04/12/21 12:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/12/21 12:53	
Vinyl acetate	ug/L	ND	2.0	1.3	04/12/21 12:53	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/12/21 12:53	
Xylene (Total)	ug/L	ND	1.0	0.34	04/12/21 12:53	
1,2-Dichloroethane-d4 (S)	%	97	70-130		04/12/21 12:53	
4-Bromofluorobenzene (S)	%	102	70-130		04/12/21 12:53	
Toluene-d8 (S)	%	110	70-130		04/12/21 12:53	

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.0	94	70-130	
1,1,1-Trichloroethane	ug/L	50	58.7	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.6	99	70-130	
1,1,2-Trichloroethane	ug/L	50	47.1	94	70-130	
1,1-Dichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethene	ug/L	50	46.9	94	70-130	
1,1-Dichloropropene	ug/L	50	49.9	100	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	70-130	
1,2,3-Trichloropropane	ug/L	50	51.8	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	54.3	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	56.4	113	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	54.8	110	70-130	
1,3-Dichlorobenzene	ug/L	50	50.7	101	70-130	
1,3-Dichloropropane	ug/L	50	46.0	92	70-130	
1,4-Dichlorobenzene	ug/L	50	50.1	100	70-130	
2,2-Dichloropropane	ug/L	50	58.7	117	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	115	115	70-130	IK
2-Chlorotoluene	ug/L	50	51.0	102	70-130	
2-Hexanone	ug/L	100	99.1	99	70-130	
4-Chlorotoluene	ug/L	50	50.8	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.7	96	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	57.5	115	70-130	
Bromobenzene	ug/L	50	53.5	107	70-130	
Bromochloromethane	ug/L	50	57.0	114	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	
Bromoform	ug/L	50	48.4	97	70-130	IK
Bromomethane	ug/L	50	49.8	100	70-130	
Carbon tetrachloride	ug/L	50	55.6	111	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	44.1	88	70-130	
Chloroform	ug/L	50	52.9	106	70-130	
Chloromethane	ug/L	50	41.8	84	70-130	
cis-1,2-Dichloroethene	ug/L	50	50.4	101	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	70-130	IK
Dibromochloromethane	ug/L	50	52.1	104	70-130	IK
Dibromomethane	ug/L	50	54.1	108	70-130	
Dichlorodifluoromethane	ug/L	50	44.7	89	70-130	
Diisopropyl ether	ug/L	50	53.1	106	70-130	
Ethylbenzene	ug/L	50	50.0	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.2	108	70-130	
m&p-Xylene	ug/L	100	99.8	100	70-130	
Methyl-tert-butyl ether	ug/L	50	54.2	108	70-130	
Methylene Chloride	ug/L	50	38.8	78	70-130	v3
Naphthalene	ug/L	50	54.1	108	70-130	
o-Xylene	ug/L	50	49.2	98	70-130	
p-Isopropyltoluene	ug/L	50	52.0	104	70-130	
Styrene	ug/L	50	50.1	100	70-130	
Tetrachloroethene	ug/L	50	53.9	108	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	70-130	
Trichloroethene	ug/L	50	62.1	124	70-130	
Trichlorofluoromethane	ug/L	50	47.1	94	70-130	
Vinyl acetate	ug/L	100	106	106	70-130	IK
Vinyl chloride	ug/L	50	41.6	83	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			95	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

MATRIX SPIKE SAMPLE:	3226786	92532398007	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	16.8	84	73-134	
1,1,1-Trichloroethane	ug/L	ND	20	28.1	141	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.3	91	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	19.2	96	70-135	
1,1-Dichloroethane	ug/L	ND	20	24.3	122	70-139	
1,1-Dichloroethene	ug/L	ND	20	23.7	118	70-154	
1,1-Dichloropropene	ug/L	ND	20	20.5	102	70-149	
1,2,3-Trichlorobenzene	ug/L	ND	20	19.5	98	70-135	
1,2,3-Trichloropropane	ug/L	ND	20	18.4	92	71-137	
1,2,4-Trichlorobenzene	ug/L	ND	20	19.7	99	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.8	99	65-134	
1,2-Dichlorobenzene	ug/L	ND	20	20.3	102	70-133	
1,2-Dichloroethane	ug/L	ND	20	24.6	123	70-137	
1,2-Dichloropropane	ug/L	ND	20	21.3	106	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	20.5	103	70-135	
1,3-Dichloropropane	ug/L	ND	20	16.4	82	70-143	
1,4-Dichlorobenzene	ug/L	ND	20	20.5	103	70-133	
2,2-Dichloropropane	ug/L	ND	20	27.2	136	61-148	
2-Butanone (MEK)	ug/L	ND	40	42.9	107	60-139	IK
2-Chlorotoluene	ug/L	ND	20	20.1	101	70-144	
2-Hexanone	ug/L	ND	40	35.9	90	65-138	
4-Chlorotoluene	ug/L	ND	20	20.2	101	70-137	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.1	95	65-135	
Acetone	ug/L	ND	40	42.4	106	60-148	
Benzene	ug/L	ND	20	23.1	115	70-151	
Bromobenzene	ug/L	ND	20	20.4	102	70-136	
Bromochloromethane	ug/L	ND	20	25.8	129	70-141	
Bromodichloromethane	ug/L	ND	20	21.9	109	70-138	
Bromoform	ug/L	ND	20	16.8	84	63-130	IK
Bromomethane	ug/L	ND	20	22.9	114	15-152	
Carbon tetrachloride	ug/L	ND	20	27.0	135	70-143	
Chlorobenzene	ug/L	ND	20	22.8	114	70-138	
Chloroethane	ug/L	ND	20	24.4	122	52-163	
Chloroform	ug/L	1.9J	20	27.6	128	70-139	
Chloromethane	ug/L	ND	20	18.7	94	41-139	
cis-1,2-Dichloroethene	ug/L	ND	20	23.3	117	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	19.3	97	70-137	IK
Dibromochloromethane	ug/L	ND	20	18.7	93	70-134	IK
Dibromomethane	ug/L	ND	20	22.4	112	70-138	
Dichlorodifluoromethane	ug/L	ND	20	22.5	113	47-155	
Diisopropyl ether	ug/L	ND	20	20.7	104	63-144	
Ethylbenzene	ug/L	ND	20	20.9	104	66-153	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.5	108	65-149	
m&p-Xylene	ug/L	ND	40	41.5	104	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	19.5	97	54-156	
Methylene Chloride	ug/L	ND	20	19.3	96	42-159	v3
Naphthalene	ug/L	ND	20	17.9	90	61-148	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3226786		92532398007	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
o-Xylene	ug/L	ND	20	20.9	105	70-148	
p-Isopropyltoluene	ug/L	ND	20	20.1	101	70-146	
Styrene	ug/L	ND	20	20.7	104	70-135	
Tetrachloroethene	ug/L	ND	20	21.7	108	59-143	
Toluene	ug/L	ND	20	23.1	116	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.0	125	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	19.9	99	70-135	
Trichloroethene	ug/L	ND	20	25.2	126	70-147	
Trichlorofluoromethane	ug/L	ND	20	24.9	125	70-148	
Vinyl acetate	ug/L	ND	40	37.5	94	49-151	IK
Vinyl chloride	ug/L	ND	20	22.1	111	70-156	
Xylene (Total)	ug/L	ND	60	62.4	104	63-158	
1,2-Dichloroethane-d4 (S)	%				106	70-130	
4-Bromofluorobenzene (S)	%				95	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	IK
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3226785

Parameter	Units	92532398005 Result	Dup Result	RPD	Max RPD	Qualifiers
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	IK
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	IK
Dibromochloromethane	ug/L	ND	ND		30	IK
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	v2
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	IK
Vinyl chloride	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	93	98			
4-Bromofluorobenzene (S)	%	100	104			
Toluene-d8 (S)	%	114	111			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch:	612471	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

METHOD BLANK: 3224076 Matrix: Solid

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 01:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 01:33	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 01:33	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 01:33	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 01:33	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 01:33	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 01:33	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 01:33	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 01:33	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 01:33	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 01:33	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 01:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 01:33	
Acetone	ug/kg	ND	100	32.1	04/09/21 01:33	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 01:33	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 01:33	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 01:33	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 01:33	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 01:33	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 01:33	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 01:33	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 01:33	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3224076

Matrix: Solid

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 01:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 01:33	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 01:33	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 01:33	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 01:33	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 01:33	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 01:33	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 01:33	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 01:33	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 01:33	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 01:33	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 01:33	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 01:33	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 01:33	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 01:33	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 01:33	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 01:33	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 01:33	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 01:33	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 01:33	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 01:33	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 01:33	
1,2-Dichloroethane-d4 (S)	%	110	70-130		04/09/21 01:33	
4-Bromofluorobenzene (S)	%	106	69-134		04/09/21 01:33	
Toluene-d8 (S)	%	100	70-130		04/09/21 01:33	

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1230	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1220	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1250	100	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1230	98	70-130	
1,1-Dichloroethane	ug/kg	1250	1300	104	70-130	
1,1-Dichloroethene	ug/kg	1250	1310	105	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1210	96	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1250	100	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1170	93	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1210	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1270	102	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1180	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1270	102	63-130	
1,2-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1130	91	70-130	
1,3-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1170	93	70-130	
2,2-Dichloropropane	ug/kg	1250	1130	90	66-130	
2-Butanone (MEK)	ug/kg	2500	2840	114	70-130	
2-Chlorotoluene	ug/kg	1250	1330	106	70-130	
2-Hexanone	ug/kg	2500	2920	117	70-130	
4-Chlorotoluene	ug/kg	1250	1240	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2810	112	70-130	
Acetone	ug/kg	2500	2890	116	69-130	
Benzene	ug/kg	1250	1270	102	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1240	100	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1200	96	52-130	
Carbon tetrachloride	ug/kg	1250	1240	99	70-130	
Chlorobenzene	ug/kg	1250	1200	96	70-130	
Chloroethane	ug/kg	1250	1340	107	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1310	105	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1280	102	70-130	
Dibromochloromethane	ug/kg	1250	1250	100	70-130	
Dibromomethane	ug/kg	1250	1190	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	98	45-156	
Diisopropyl ether	ug/kg	1250	1330	106	70-130	
Ethylbenzene	ug/kg	1250	1180	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	95	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2510	101	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1250	100	70-130	
Methylene Chloride	ug/kg	1250	1400	112	65-130	
n-Butylbenzene	ug/kg	1250	1180	94	67-130	
n-Propylbenzene	ug/kg	1250	1230	99	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1240	99	70-130	
p-Isopropyltoluene	ug/kg	1250	1200	96	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3224077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1170	94	69-130	
Styrene	ug/kg	1250	1290	104	70-130	
tert-Butylbenzene	ug/kg	1250	1200	96	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1110	89	70-130	
Vinyl acetate	ug/kg	2500	3100	124	70-130	
Vinyl chloride	ug/kg	1250	1220	98	61-130	
Xylene (Total)	ug/kg	3750	3760	100	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 3224079

Parameter	Units	92531952002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1120	1300	116	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1120	1280	115	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1120	1290	115	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1120	1280	114	66-133	
1,1-Dichloroethane	ug/kg	ND	1120	1270	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1120	1330	119	10-158	
1,1-Dichloropropene	ug/kg	ND	1120	1340	120	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1120	1340	119	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1120	1230	110	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1120	1260	112	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1120	1320	118	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1120	1130	101	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1120	1290	115	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1120	1240	111	69-130	
1,2-Dichloroethane	ug/kg	ND	1120	1340	120	59-130	
1,2-Dichloropropane	ug/kg	ND	1120	1410	126	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1120	1340	120	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1120	1220	109	70-130	
1,3-Dichloropropane	ug/kg	ND	1120	1400	125	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1120	1220	109	68-130	
2,2-Dichloropropane	ug/kg	ND	1120	1020	91	32-130	
2-Butanone (MEK)	ug/kg	ND	2230	2650	118	10-136	
2-Chlorotoluene	ug/kg	ND	1120	1370	122	69-141	
2-Hexanone	ug/kg	ND	2230	2750	123	10-144	
4-Chlorotoluene	ug/kg	ND	1120	1300	116	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	2230	2740	122	25-143	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3224079		92531952002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	ND	2230	2320	103	10-130	
Benzene	ug/kg	ND	1120	1370	122	67-130	
Bromobenzene	ug/kg	ND	1120	1270	113	70-130	
Bromochloromethane	ug/kg	ND	1120	1180	105	69-134	
Bromodichloromethane	ug/kg	ND	1120	1280	114	64-130	
Bromoform	ug/kg	ND	1120	1160	103	62-130	
Bromomethane	ug/kg	ND	1120	1010	90	20-176	
Carbon tetrachloride	ug/kg	ND	1120	1260	112	65-140	
Chlorobenzene	ug/kg	ND	1120	1300	116	70-130	
Chloroethane	ug/kg	ND	1120	525	47	10-130	
Chloroform	ug/kg	ND	1120	1210	108	63-130	
Chloromethane	ug/kg	ND	1120	1500	134	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1120	1280	114	67-130	
Dibromochloromethane	ug/kg	ND	1120	1250	112	67-130	
Dibromomethane	ug/kg	ND	1120	1200	107	63-131	
Dichlorodifluoromethane	ug/kg	ND	1120	1390	124	44-180	
Diisopropyl ether	ug/kg	ND	1120	1330	119	63-130	
Ethylbenzene	ug/kg	ND	1120	1310	117	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1120	1340	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	1120	1390	124	69-135	
m&p-Xylene	ug/kg	ND	2230	2790	125	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1120	1220	109	65-130	
Methylene Chloride	ug/kg	ND	1120	1400	125	61-130	
n-Butylbenzene	ug/kg	ND	1120	1280	114	65-140	
n-Propylbenzene	ug/kg	ND	1120	1340	120	67-140	
Naphthalene	ug/kg	23.7	1120	1300	114	15-145	
o-Xylene	ug/kg	ND	1120	1350	120	66-133	
p-Isopropyltoluene	ug/kg	ND	1120	1320	118	56-147	
sec-Butylbenzene	ug/kg	ND	1120	1320	118	65-139	
Styrene	ug/kg	ND	1120	1390	124	70-132	
tert-Butylbenzene	ug/kg	ND	1120	1300	116	62-135	
Tetrachloroethene	ug/kg	ND	1120	1260	113	70-135	
Toluene	ug/kg	ND	1120	1330	119	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1120	1350	121	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1120	1250	112	62-130	
Trichloroethene	ug/kg	ND	1120	1260	113	70-135	
Trichlorofluoromethane	ug/kg	ND	1120	462	41	10-130	
Vinyl acetate	ug/kg	ND	2230	2870	128	53-130	
Vinyl chloride	ug/kg	ND	1120	1340	120	61-148	
Xylene (Total)	ug/kg	ND	3370	4140	123	63-132	
1,2-Dichloroethane-d4 (S)	%				128	70-130	
4-Bromofluorobenzene (S)	%				106	69-134	
Toluene-d8 (S)	%				101	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	76.1	75.3	1	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	37.6J	35.7J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	365J	382J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	746J	857		30	
Benzene	ug/kg	95.7	102	6	30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	63.5	66.1	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	35.0J	30.9J		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3224078

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	158	176	11	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	1980	2170	9	30	
o-Xylene	ug/kg	58.6	68.6	16	30	
p-Isopropyltoluene	ug/kg	ND	21.4J		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	100	109	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	216	245	12	30	
1,2-Dichloroethane-d4 (S)	%	110	110			
4-Bromofluorobenzene (S)	%	107	109			
Toluene-d8 (S)	%	103	101			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 612777	Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B	Analysis Description: 8260D 5035A 5030B SC
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952012

METHOD BLANK: 3225522 Matrix: Solid

Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/09/21 15:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/09/21 15:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/09/21 15:49	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/09/21 15:49	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/09/21 15:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/09/21 15:49	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/09/21 15:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/09/21 15:49	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/09/21 15:49	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/09/21 15:49	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
2-Hexanone	ug/kg	ND	50.0	4.8	04/09/21 15:49	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/09/21 15:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/09/21 15:49	
Acetone	ug/kg	ND	100	32.1	04/09/21 15:49	
Benzene	ug/kg	ND	5.0	2.0	04/09/21 15:49	
Bromobenzene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/09/21 15:49	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Bromoform	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Bromomethane	ug/kg	ND	10.0	7.9	04/09/21 15:49	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/09/21 15:49	
Chloroethane	ug/kg	ND	10.0	3.9	04/09/21 15:49	
Chloroform	ug/kg	ND	5.0	3.0	04/09/21 15:49	
Chloromethane	ug/kg	ND	10.0	4.2	04/09/21 15:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/09/21 15:49	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3225522

Matrix: Solid

Associated Lab Samples: 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Dibromomethane	ug/kg	ND	5.0	1.1	04/09/21 15:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/09/21 15:49	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/09/21 15:49	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/09/21 15:49	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/09/21 15:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/09/21 15:49	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/09/21 15:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/09/21 15:49	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/09/21 15:49	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/09/21 15:49	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Naphthalene	ug/kg	ND	5.0	2.6	04/09/21 15:49	
o-Xylene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/09/21 15:49	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/09/21 15:49	
Styrene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/09/21 15:49	
Toluene	ug/kg	ND	5.0	1.4	04/09/21 15:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/09/21 15:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/09/21 15:49	
Trichloroethene	ug/kg	ND	5.0	1.3	04/09/21 15:49	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/09/21 15:49	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/09/21 15:49	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/09/21 15:49	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/09/21 15:49	
1,2-Dichloroethane-d4 (S)	%	109	70-130		04/09/21 15:49	
4-Bromofluorobenzene (S)	%	108	69-134		04/09/21 15:49	
Toluene-d8 (S)	%	100	70-130		04/09/21 15:49	

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1170	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1240	99	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethene	ug/kg	1250	1270	102	70-130	
1,1-Dichloropropene	ug/kg	1250	1210	97	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1180	94	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1240	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
1,2-Dichloroethane	ug/kg	1250	1220	98	63-130	
1,2-Dichloropropane	ug/kg	1250	1280	102	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,3-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
2,2-Dichloropropane	ug/kg	1250	1160	93	66-130	
2-Butanone (MEK)	ug/kg	2500	2800	112	70-130	
2-Chlorotoluene	ug/kg	1250	1260	101	70-130	
2-Hexanone	ug/kg	2500	2840	113	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2690	108	70-130	
Acetone	ug/kg	2500	2750	110	69-130	
Benzene	ug/kg	1250	1230	98	70-130	
Bromobenzene	ug/kg	1250	1190	96	70-130	
Bromochloromethane	ug/kg	1250	1200	96	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1190	95	70-130	
Bromomethane	ug/kg	1250	1160	92	52-130	
Carbon tetrachloride	ug/kg	1250	1180	94	70-130	
Chlorobenzene	ug/kg	1250	1180	94	70-130	
Chloroethane	ug/kg	1250	1300	104	65-130	
Chloroform	ug/kg	1250	1130	91	70-130	
Chloromethane	ug/kg	1250	1230	99	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1280	103	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1230	99	70-130	
Dibromomethane	ug/kg	1250	1160	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1190	95	45-156	
Diisopropyl ether	ug/kg	1250	1260	101	70-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1230	98	70-130	
m&p-Xylene	ug/kg	2500	2490	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1340	107	65-130	
n-Butylbenzene	ug/kg	1250	1200	96	67-130	
n-Propylbenzene	ug/kg	1250	1220	98	70-130	
Naphthalene	ug/kg	1250	1180	95	70-130	
o-Xylene	ug/kg	1250	1230	98	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	95	67-130	
sec-Butylbenzene	ug/kg	1250	1150	92	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1140	91	67-130	
Tetrachloroethene	ug/kg	1250	1140	91	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1130	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	87	70-130	
Vinyl acetate	ug/kg	2500	2990	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3225525

Parameter	Units	92532317002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	696	826	119	70-131	
1,1,1-Trichloroethane	ug/kg	ND	696	842	121	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	696	814	117	66-130	
1,1,2-Trichloroethane	ug/kg	ND	696	839	120	66-133	
1,1-Dichloroethane	ug/kg	ND	696	809	116	65-130	
1,1-Dichloroethene	ug/kg	ND	696	871	125	10-158	
1,1-Dichloropropene	ug/kg	ND	696	892	128	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	696	850	122	27-138	
1,2,3-Trichloropropane	ug/kg	ND	696	812	117	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	696	843	121	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	696	890	128	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	696	697	100	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	696	844	121	70-130	
1,2-Dichlorobenzene	ug/kg	ND	696	819	118	69-130	
1,2-Dichloroethane	ug/kg	ND	696	866	124	59-130	
1,2-Dichloropropane	ug/kg	ND	696	912	131	70-130 M1	
1,3,5-Trimethylbenzene	ug/kg	ND	696	911	131	65-137	
1,3-Dichlorobenzene	ug/kg	ND	696	811	116	70-130	
1,3-Dichloropropane	ug/kg	ND	696	897	129	70-130	
1,4-Dichlorobenzene	ug/kg	ND	696	831	119	68-130	
2,2-Dichloropropane	ug/kg	ND	696	764	110	32-130	
2-Butanone (MEK)	ug/kg	ND	1390	1710	123	10-136	
2-Chlorotoluene	ug/kg	ND	696	912	131	69-141	
2-Hexanone	ug/kg	ND	1390	1790	128	10-144	
4-Chlorotoluene	ug/kg	ND	696	882	127	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1390	1790	128	25-143	
Acetone	ug/kg	ND	1390	1400	98	10-130	
Benzene	ug/kg	ND	696	885	127	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

MATRIX SPIKE SAMPLE:	3225525	92532317002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	696	833	120	70-130	
Bromochloromethane	ug/kg	ND	696	748	107	69-134	
Bromodichloromethane	ug/kg	ND	696	822	118	64-130	
Bromoform	ug/kg	ND	696	756	109	62-130	
Bromomethane	ug/kg	ND	696	580	83	20-176	
Carbon tetrachloride	ug/kg	ND	696	832	119	65-140	
Chlorobenzene	ug/kg	ND	696	849	122	70-130	
Chloroethane	ug/kg	ND	696	340	49	10-130	
Chloroform	ug/kg	ND	696	739	106	63-130	
Chloromethane	ug/kg	ND	696	1010	145	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	696	850	122	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	696	860	123	67-130	
Dibromochloromethane	ug/kg	ND	696	798	115	67-130	
Dibromomethane	ug/kg	ND	696	762	109	63-131	
Dichlorodifluoromethane	ug/kg	ND	696	930	134	44-180	
Diisopropyl ether	ug/kg	ND	696	859	123	63-130	
Ethylbenzene	ug/kg	ND	696	867	124	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	696	950	136	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	696	932	134	69-135	
m&p-Xylene	ug/kg	ND	1390	1870	134	60-133	M1
Methyl-tert-butyl ether	ug/kg	ND	696	796	114	65-130	
Methylene Chloride	ug/kg	ND	696	862	124	61-130	
n-Butylbenzene	ug/kg	ND	696	916	131	65-140	
n-Propylbenzene	ug/kg	ND	696	913	131	67-140	
Naphthalene	ug/kg	ND	696	789	113	15-145	
o-Xylene	ug/kg	ND	696	901	129	66-133	
p-Isopropyltoluene	ug/kg	ND	696	905	130	56-147	
sec-Butylbenzene	ug/kg	ND	696	891	128	65-139	
Styrene	ug/kg	ND	696	907	130	70-132	
tert-Butylbenzene	ug/kg	ND	696	879	126	62-135	
Tetrachloroethene	ug/kg	ND	696	875	126	70-135	
Toluene	ug/kg	ND	696	871	125	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	696	893	128	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	696	831	119	62-130	
Trichloroethene	ug/kg	ND	696	829	119	70-135	
Trichlorofluoromethane	ug/kg	ND	696	309	44	10-130	
Vinyl acetate	ug/kg	ND	1390	1930	139	53-130	M1
Vinyl chloride	ug/kg	ND	696	895	128	61-148	
Xylene (Total)	ug/kg	ND	2090	2770	133	63-132	MS
1,2-Dichloroethane-d4 (S)	%				129	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225524

Parameter	Units	92532317001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	111	109			
4-Bromofluorobenzene (S)	%	108	107			
Toluene-d8 (S)	%	102	101			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch:	612942	Analysis Method:	EPA 8082A
QC Batch Method:	EPA 3546	Analysis Description:	8082 GCS PCB
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

METHOD BLANK: 3226320 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.5	11.9	04/12/21 13:29	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.5	12.5	04/12/21 13:29	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.5	11.4	04/12/21 13:29	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.5	8.1	04/12/21 13:29	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.5	6.1	04/12/21 13:29	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.5	7.8	04/12/21 13:29	
Decachlorobiphenyl (S)	%	88	10-160		04/12/21 13:29	

LABORATORY CONTROL SAMPLE: 3226321

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	168	165	98	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	168	165	98	47-139	
Decachlorobiphenyl (S)	%			93	10-160	

MATRIX SPIKE SAMPLE: 3226322

Parameter	Units	92531592002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	1180	1080	91	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	1180	1380	95	10-142	
Decachlorobiphenyl (S)	%				78	10-160	D3

SAMPLE DUPLICATE: 3226323

Parameter	Units	92531952004 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	69	71			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch: 613371 Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

METHOD BLANK: 3228311 Matrix: Solid
Associated Lab Samples: 92531952008, 92531952009, 92531952010, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.9	12.0	04/14/21 12:33	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.9	12.7	04/14/21 12:33	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.9	11.5	04/14/21 12:33	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.9	8.2	04/14/21 12:33	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.9	6.2	04/14/21 12:33	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.9	7.9	04/14/21 12:33	
Decachlorobiphenyl (S)	%	165	10-160		04/14/21 12:33	S3

LABORATORY CONTROL SAMPLE: 3228312

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	166	129	78	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	166	148	89	47-139	
Decachlorobiphenyl (S)	%			156	10-160	

MATRIX SPIKE SAMPLE: 3228313

Parameter	Units	92531952008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	249	131	53	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	249	160	64	10-142	
Decachlorobiphenyl (S)	%				68	10-160	

SAMPLE DUPLICATE: 3228314

Parameter	Units	92531952010 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	138	107			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
 Pace Project No.: 92531952

QC Batch: 612978 Analysis Method: EPA 8270E
 QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
 Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226422 Matrix: Water

Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/12/21 12:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/12/21 12:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/12/21 12:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/12/21 12:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/12/21 12:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/12/21 12:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/12/21 12:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/12/21 12:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/12/21 12:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/12/21 12:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/12/21 12:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/12/21 12:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/12/21 12:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/12/21 12:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/12/21 12:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/12/21 12:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/12/21 12:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/12/21 12:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/12/21 12:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Aniline	ug/L	ND	10.0	1.6	04/12/21 12:56	
Anthracene	ug/L	ND	10.0	2.3	04/12/21 12:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/12/21 12:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/12/21 12:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/12/21 12:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/12/21 12:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/12/21 12:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/12/21 12:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/12/21 12:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/12/21 12:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/12/21 12:56	
Chrysene	ug/L	ND	10.0	2.8	04/12/21 12:56	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3226422

Matrix: Water

Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/12/21 12:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/12/21 12:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/12/21 12:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/12/21 12:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/12/21 12:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/12/21 12:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Fluorene	ug/L	ND	10.0	2.1	04/12/21 12:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/12/21 12:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/12/21 12:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/12/21 12:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/12/21 12:56	
Isophorone	ug/L	ND	10.0	1.7	04/12/21 12:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/12/21 12:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/12/21 12:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/12/21 12:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/12/21 12:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/12/21 12:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/12/21 12:56	
Phenol	ug/L	ND	10.0	1.4	04/12/21 12:56	
Pyrene	ug/L	ND	10.0	2.2	04/12/21 12:56	
2,4,6-Tribromophenol (S)	%	106	10-144		04/12/21 12:56	
2-Fluorobiphenyl (S)	%	89	10-130		04/12/21 12:56	
2-Fluorophenol (S)	%	71	10-130		04/12/21 12:56	
Nitrobenzene-d5 (S)	%	98	10-144		04/12/21 12:56	
Phenol-d6 (S)	%	56	10-130		04/12/21 12:56	
Terphenyl-d14 (S)	%	105	34-163		04/12/21 12:56	

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	46.7	93	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	50.0	100	28-130	
2,4,5-Trichlorophenol	ug/L	50	53.3	107	35-130	
2,4,6-Trichlorophenol	ug/L	50	48.5	97	31-130	
2,4-Dichlorophenol	ug/L	50	52.8	106	35-130	
2,4-Dimethylphenol	ug/L	50	53.8	108	34-130	
2,4-Dinitrophenol	ug/L	250	239	95	10-153	
2,4-Dinitrotoluene	ug/L	50	55.2	110	37-136	
2,6-Dinitrotoluene	ug/L	50	55.8	112	33-136	
2-Chloronaphthalene	ug/L	50	44.7	89	26-130	
2-Chlorophenol	ug/L	50	50.2	100	37-130	
2-Methylnaphthalene	ug/L	50	46.6	93	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	48.6	97	35-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	99.8	100	37-130	
2-Nitrophenol	ug/L	50	56.2	112	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	48.0	96	34-130	
3,3'-Dichlorobenzidine	ug/L	100	114	114	34-136	
3-Nitroaniline	ug/L	100	103	103	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	105	105	21-157	
4-Bromophenylphenyl ether	ug/L	50	57.8	116	38-130	
4-Chloro-3-methylphenol	ug/L	100	105	105	37-130	
4-Chloroaniline	ug/L	100	94.3	94	38-130	
4-Chlorophenylphenyl ether	ug/L	50	49.4	99	33-130	
4-Nitroaniline	ug/L	100	108	108	42-137	
4-Nitrophenol	ug/L	250	169	68	10-130	
Acenaphthene	ug/L	50	48.7	97	33-130	
Acenaphthylene	ug/L	50	49.4	99	35-130	
Aniline	ug/L	50	42.7	85	22-130	
Anthracene	ug/L	50	53.1	106	48-130	
Benzo(a)anthracene	ug/L	50	54.9	110	48-137	
Benzo(b)fluoranthene	ug/L	50	51.9	104	52-138	
Benzo(g,h,i)perylene	ug/L	50	62.2	124	48-140	
Benzo(k)fluoranthene	ug/L	50	52.5	105	48-139	
Benzoic Acid	ug/L	250	183	73	10-130	
Benzyl alcohol	ug/L	100	105	105	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	52.9	106	34-130	
bis(2-Chloroethyl) ether	ug/L	50	56.4	113	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	62.3	125	32-165	
Butylbenzylphthalate	ug/L	50	62.1	124	34-161	
Chrysene	ug/L	50	53.8	108	47-131	
Di-n-butylphthalate	ug/L	50	58.7	117	39-144	
Di-n-octylphthalate	ug/L	50	58.8	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	62.6	125	49-138	
Dibenzofuran	ug/L	50	49.9	100	33-130	
Diethylphthalate	ug/L	50	54.1	108	38-131	
Dimethylphthalate	ug/L	50	51.2	102	37-130	
Fluoranthene	ug/L	50	55.5	111	46-137	
Fluorene	ug/L	50	51.4	103	37-130	
Hexachlorobenzene	ug/L	50	50.3	101	38-130	
Hexachlorocyclopentadiene	ug/L	50	33.4	67	10-130	
Hexachloroethane	ug/L	50	36.2	72	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	63.1	126	41-130	
Isophorone	ug/L	50	52.1	104	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	54.0	108	36-130	
N-Nitrosodimethylamine	ug/L	50	46.6	93	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.3	103	37-130	
Nitrobenzene	ug/L	50	51.8	104	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	51.9	104	44-130	
Phenol	ug/L	50	36.8	74	18-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3226423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	54.8	110	47-134	
2,4,6-Tribromophenol (S)	%			117	10-144	
2-Fluorobiphenyl (S)	%			87	10-130	
2-Fluorophenol (S)	%			75	10-130	
Nitrobenzene-d5 (S)	%			100	10-144	
Phenol-d6 (S)	%			61	10-130	
Terphenyl-d14 (S)	%			86	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226424 3226425

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92528912009 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	ND	50	50	23.2	23.7	46	47	10-130	2	30		
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	24.7	25.7	49	51	12-142	4	30		
2,4,5-Trichlorophenol	ug/L	ND	50	50	19.9	12.7	40	25	10-143	44	30	R1	
2,4,6-Trichlorophenol	ug/L	ND	50	50	10.0	4.5J	20	9	10-147		30	M1	
2,4-Dichlorophenol	ug/L	ND	50	50	21.1	16.6	42	33	10-138	24	30		
2,4-Dimethylphenol	ug/L	ND	50	50	24.2	25.3	48	51	25-130	4	30		
2,4-Dinitrophenol	ug/L	ND	250	250	ND	ND	0	0	10-165		30	M1	
2,4-Dinitrotoluene	ug/L	ND	50	50	30.9	31.7	62	63	29-148	3	30		
2,6-Dinitrotoluene	ug/L	ND	50	50	26.6	28.7	53	57	26-146	8	30		
2-Chloronaphthalene	ug/L	ND	50	50	24.3	24.1	49	48	11-130	1	30		
2-Chlorophenol	ug/L	ND	50	50	21.5	17.6	43	35	10-133	20	30		
2-Methylnaphthalene	ug/L	ND	50	50	23.0	24.0	46	48	13-130	4	30		
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	23.7	24.6	47	49	20-130	3	30		
2-Nitroaniline	ug/L	ND	100	100	37.8	43.1	38	43	24-136	13	30		
2-Nitrophenol	ug/L	ND	50	50	22.4	16.9	45	34	10-153	28	30		
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	24.6	25.1	46	47	16-130	2	30		
3,3'-Dichlorobenzidine	ug/L	ND	100	100	23.4	28.7	23	29	10-153	20	30		
3-Nitroaniline	ug/L	ND	100	100	22.2	29.1	22	29	22-151	27	30		
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	6.5J	ND	7	2	10-180		30	M1	
4-Bromophenylphenyl ether	ug/L	ND	50	50	30.5	31.3	61	63	25-130	2	30		
4-Chloro-3-methylphenol	ug/L	ND	100	100	51.8	57.9	52	58	25-133	11	30		
4-Chloroaniline	ug/L	ND	100	100	39.4	43.7	39	44	14-132	10	30		
4-Chlorophenylphenyl ether	ug/L	ND	50	50	25.8	26.3	52	53	19-130	2	30		
4-Nitroaniline	ug/L	ND	100	100	14.6J	23.5	15	24	29-150		30	M1	
4-Nitrophenol	ug/L	ND	250	250	8.4J	ND	3	0	10-130		30	M1	
Acenaphthene	ug/L	ND	50	50	25.9	26.2	52	52	16-130	1	30		
Acenaphthylene	ug/L	ND	50	50	25.5	25.8	51	52	15-137	1	30		
Aniline	ug/L	ND	50	50	20.7	21.7	41	43	10-130	5	30		
Anthracene	ug/L	ND	50	50	35.2	34.5	70	69	37-136	2	30		
Benzo(a)anthracene	ug/L	ND	50	50	45.3	45.5	91	91	40-145	0	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	43.7	42.0	87	84	39-151	4	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	54.4	49.1	109	98	40-147	10	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

Parameter	Units	92528912009		3226424		3226425		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	42.4	42.4	85	85	40-146	0	30			
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1		
Benzyl alcohol	ug/L	ND	100	100	51.8	55.4	52	55	25-130	7	30			
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	25.9	27.3	52	55	23-130	5	30			
bis(2-Chloroethyl) ether	ug/L	ND	50	50	28.6	30.0	57	60	25-130	5	30			
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	47.6	48.9	95	98	28-166	3	30			
Butylbenzylphthalate	ug/L	ND	50	50	49.0	51.1	98	102	33-165	4	30			
Chrysene	ug/L	ND	50	50	45.4	44.5	91	89	38-141	2	30			
Di-n-butylphthalate	ug/L	ND	50	50	44.9	45.0	90	90	32-153	0	30			
Di-n-octylphthalate	ug/L	ND	50	50	47.3	46.9	95	94	30-175	1	30			
Dibenz(a,h)anthracene	ug/L	ND	50	50	52.0	48.8	104	98	39-148	6	30			
Dibenzofuran	ug/L	ND	50	50	26.3	26.7	53	53	20-130	2	30			
Diethylphthalate	ug/L	ND	50	50	28.3	29.9	57	60	28-142	5	30			
Dimethylphthalate	ug/L	ND	50	50	24.7	26.8	49	54	26-136	8	30			
Fluoranthene	ug/L	ND	50	50	44.8	45.3	90	91	39-143	1	30			
Fluorene	ug/L	ND	50	50	26.7	28.1	53	56	24-132	5	30			
Hexachlorobenzene	ug/L	ND	50	50	28.2	28.7	56	57	29-130	2	30			
Hexachlorocyclopentadiene	ug/L	ND	50	50	15.3	14.8	31	30	10-130	3	30			
Hexachloroethane	ug/L	ND	50	50	16.4	17.1	33	34	10-130	4	30			
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	52.3	49.7	105	99	39-148	5	30			
Isophorone	ug/L	ND	50	50	24.8	25.9	50	52	23-130	5	30			
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	27.0	28.3	54	57	25-130	5	30			
N-Nitrosodimethylamine	ug/L	ND	50	50	24.4	25.0	49	50	22-130	2	30			
N-Nitrosodiphenylamine	ug/L	ND	50	50	31.9	31.5	64	63	26-134	1	30			
Nitrobenzene	ug/L	ND	50	50	33.1	32.5	66	65	25-130	2	30			
Pentachlorophenol	ug/L	ND	100	100	ND	ND	2	0	10-175		30	M1		
Phenanthrene	ug/L	ND	50	50	33.6	34.0	67	68	36-133	1	30			
Phenol	ug/L	ND	50	50	18.0	16.5	36	33	10-130	9	30			
Pyrene	ug/L	ND	50	50	44.7	46.5	89	93	40-143	4	30			
2,4,6-Tribromophenol (S)	%						43	22	10-144					
2-Fluorobiphenyl (S)	%						47	46	10-130					
2-Fluorophenol (S)	%						26	16	10-130					
Nitrobenzene-d5 (S)	%						53	54	10-144					
Phenol-d6 (S)	%						30	28	10-130					
Terphenyl-d14 (S)	%						73	77	34-163					

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch:	613018	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E MSSV PAH by SIM
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

METHOD BLANK: 3226544 Matrix: Solid
Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/13/21 06:33	
2-Fluorobiphenyl (S)	%	64	31-130		04/13/21 06:33	
Nitrobenzene-d5 (S)	%	59	32-130		04/13/21 06:33	
Terphenyl-d14 (S)	%	54	24-130		04/13/21 06:33	

LABORATORY CONTROL SAMPLE: 3226545

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.8	23.0	68	44-130	
2-Fluorobiphenyl (S)	%			75	31-130	
Nitrobenzene-d5 (S)	%			70	32-130	
Terphenyl-d14 (S)	%			64	24-130	

MATRIX SPIKE SAMPLE: 3226546

Parameter	Units	92531845001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	43.3	19.1	44	10-130	
2-Fluorobiphenyl (S)	%				55	31-130	
Nitrobenzene-d5 (S)	%				51	32-130	
Terphenyl-d14 (S)	%				48	24-130	

SAMPLE DUPLICATE: 3226547

Parameter	Units	92531845002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	52	57			
Nitrobenzene-d5 (S)	%	53	60			
Terphenyl-d14 (S)	%	44	49			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch: 613380 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952007, 92531952013

METHOD BLANK: 3228351 Matrix: Solid
Associated Lab Samples: 92531952007, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/14/21 11:41	
2-Fluorobiphenyl (S)	%	66	31-130		04/14/21 11:41	
Nitrobenzene-d5 (S)	%	71	32-130		04/14/21 11:41	
Terphenyl-d14 (S)	%	62	24-130		04/14/21 11:41	

LABORATORY CONTROL SAMPLE: 3228352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.1	24.3	73	44-130	
2-Fluorobiphenyl (S)	%			77	31-130	
Nitrobenzene-d5 (S)	%			79	32-130	
Terphenyl-d14 (S)	%			71	24-130	

MATRIX SPIKE SAMPLE: 3228353

Parameter	Units	92532317001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg		1.5J	40.6	20.0	46	10-130
2-Fluorobiphenyl (S)	%					79	31-130
Nitrobenzene-d5 (S)	%					82	32-130
Terphenyl-d14 (S)	%					59	24-130

SAMPLE DUPLICATE: 3228354

Parameter	Units	92532317002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	69	65			
Nitrobenzene-d5 (S)	%	72	68			
Terphenyl-d14 (S)	%	56	52			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch:	612821	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

METHOD BLANK: 3225852 Matrix: Solid

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	326	114	04/13/21 13:45	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	326	155	04/13/21 13:45	
2,4,5-Trichlorophenol	ug/kg	ND	326	149	04/13/21 13:45	
2,4,6-Trichlorophenol	ug/kg	ND	326	134	04/13/21 13:45	
2,4-Dichlorophenol	ug/kg	ND	326	127	04/13/21 13:45	
2,4-Dimethylphenol	ug/kg	ND	326	135	04/13/21 13:45	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/13/21 13:45	
2,4-Dinitrotoluene	ug/kg	ND	326	125	04/13/21 13:45	
2,6-Dinitrotoluene	ug/kg	ND	326	119	04/13/21 13:45	
2-Chloronaphthalene	ug/kg	ND	326	129	04/13/21 13:45	
2-Chlorophenol	ug/kg	ND	326	122	04/13/21 13:45	
2-Methylnaphthalene	ug/kg	ND	326	130	04/13/21 13:45	
2-Methylphenol(o-Cresol)	ug/kg	ND	326	133	04/13/21 13:45	
2-Nitroaniline	ug/kg	ND	1630	266	04/13/21 13:45	
2-Nitrophenol	ug/kg	ND	326	141	04/13/21 13:45	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	326	131	04/13/21 13:45	
3,3'-Dichlorobenzidine	ug/kg	ND	651	220	04/13/21 13:45	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/13/21 13:45	
4,6-Dinitro-2-methylphenol	ug/kg	ND	651	304	04/13/21 13:45	
4-Bromophenylphenyl ether	ug/kg	ND	326	125	04/13/21 13:45	
4-Chloro-3-methylphenol	ug/kg	ND	651	229	04/13/21 13:45	
4-Chloroaniline	ug/kg	ND	651	256	04/13/21 13:45	
4-Chlorophenylphenyl ether	ug/kg	ND	326	121	04/13/21 13:45	
4-Nitroaniline	ug/kg	ND	651	248	04/13/21 13:45	
4-Nitrophenol	ug/kg	ND	1630	630	04/13/21 13:45	
Acenaphthene	ug/kg	ND	326	114	04/13/21 13:45	
Acenaphthylene	ug/kg	ND	326	114	04/13/21 13:45	
Aniline	ug/kg	ND	326	127	04/13/21 13:45	
Anthracene	ug/kg	ND	326	107	04/13/21 13:45	
Benzo(a)anthracene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(b)fluoranthene	ug/kg	ND	326	109	04/13/21 13:45	
Benzo(g,h,i)perylene	ug/kg	ND	326	126	04/13/21 13:45	
Benzo(k)fluoranthene	ug/kg	ND	326	114	04/13/21 13:45	
Benzoic Acid	ug/kg	ND	1630	700	04/13/21 13:45	
Benzyl alcohol	ug/kg	ND	651	247	04/13/21 13:45	
bis(2-Chloroethoxy)methane	ug/kg	ND	326	135	04/13/21 13:45	
bis(2-Chloroethyl) ether	ug/kg	ND	326	122	04/13/21 13:45	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	326	126	04/13/21 13:45	
Butylbenzylphthalate	ug/kg	ND	326	137	04/13/21 13:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

METHOD BLANK: 3225852

Matrix: Solid

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	326	118	04/13/21 13:45	
Di-n-butylphthalate	ug/kg	ND	326	110	04/13/21 13:45	
Di-n-octylphthalate	ug/kg	ND	326	128	04/13/21 13:45	
Dibenz(a,h)anthracene	ug/kg	ND	326	125	04/13/21 13:45	
Dibenzofuran	ug/kg	ND	326	117	04/13/21 13:45	
Diethylphthalate	ug/kg	ND	326	119	04/13/21 13:45	
Dimethylphthalate	ug/kg	ND	326	118	04/13/21 13:45	
Fluoranthene	ug/kg	ND	326	112	04/13/21 13:45	
Fluorene	ug/kg	ND	326	114	04/13/21 13:45	
Hexachlorobenzene	ug/kg	ND	326	127	04/13/21 13:45	
Hexachlorocyclopentadiene	ug/kg	ND	326	187	04/13/21 13:45	
Hexachloroethane	ug/kg	ND	326	124	04/13/21 13:45	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	326	128	04/13/21 13:45	
Isophorone	ug/kg	ND	326	145	04/13/21 13:45	
N-Nitroso-di-n-propylamine	ug/kg	ND	326	122	04/13/21 13:45	
N-Nitrosodimethylamine	ug/kg	ND	326	110	04/13/21 13:45	
N-Nitrosodiphenylamine	ug/kg	ND	326	115	04/13/21 13:45	
Nitrobenzene	ug/kg	ND	326	151	04/13/21 13:45	
Pentachlorophenol	ug/kg	ND	651	319	04/13/21 13:45	
Phenanthrene	ug/kg	ND	326	107	04/13/21 13:45	
Phenol	ug/kg	ND	326	145	04/13/21 13:45	
Pyrene	ug/kg	ND	326	132	04/13/21 13:45	
Pyridine	ug/kg	ND	326	103	04/13/21 13:45	
2,4,6-Tribromophenol (S)	%	83	18-130		04/13/21 13:45	
2-Fluorobiphenyl (S)	%	72	19-130		04/13/21 13:45	
2-Fluorophenol (S)	%	65	18-130		04/13/21 13:45	
Nitrobenzene-d5 (S)	%	73	21-130		04/13/21 13:45	
Phenol-d6 (S)	%	72	18-130		04/13/21 13:45	
Terphenyl-d14 (S)	%	70	15-130		04/13/21 13:45	

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1440	86	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1310	79	38-130	
2,4,5-Trichlorophenol	ug/kg	1670	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1670	1450	87	50-130	
2,4-Dichlorophenol	ug/kg	1670	1510	91	51-130	
2,4-Dimethylphenol	ug/kg	1670	1520	91	53-130	
2,4-Dinitrophenol	ug/kg	8330	4530	54	39-130	
2,4-Dinitrotoluene	ug/kg	1670	1550	93	53-130	
2,6-Dinitrotoluene	ug/kg	1670	1440	86	55-130	
2-Chloronaphthalene	ug/kg	1670	1380	83	48-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chlorophenol	ug/kg	1670	1440	86	54-130	
2-Methylnaphthalene	ug/kg	1670	1400	84	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1570	94	50-130	
2-Nitroaniline	ug/kg	3330	2690	81	49-130	
2-Nitrophenol	ug/kg	1670	1400	84	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1570	94	50-130	
3,3'-Dichlorobenzidine	ug/kg	3330	2760	83	47-130	IL
3-Nitroaniline	ug/kg	3330	2670	80	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2030	61	50-142	
4-Bromophenylphenyl ether	ug/kg	1670	1440	86	55-130	
4-Chloro-3-methylphenol	ug/kg	3330	3100	93	52-130	
4-Chloroaniline	ug/kg	3330	2740	82	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1500	90	53-130	
4-Nitroaniline	ug/kg	3330	2760	83	51-130	
4-Nitrophenol	ug/kg	8330	8090	97	40-130	
Acenaphthene	ug/kg	1670	1420	85	56-130	
Acenaphthylene	ug/kg	1670	1400	84	58-130	
Aniline	ug/kg	1670	1300	78	44-130	
Anthracene	ug/kg	1670	1480	89	60-130	
Benzo(a)anthracene	ug/kg	1670	1500	90	59-130	
Benzo(b)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1330	80	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1610	97	54-130	
Benzoic Acid	ug/kg	8330	4950	59	19-130	
Benzyl alcohol	ug/kg	3330	3050	92	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1410	85	55-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1500	90	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1330	80	58-130	
Butylbenzylphthalate	ug/kg	1670	1320	79	46-138	
Chrysene	ug/kg	1670	1470	88	57-130	
Di-n-butylphthalate	ug/kg	1670	1400	84	57-130	
Di-n-octylphthalate	ug/kg	1670	1420	85	57-130	
Dibenz(a,h)anthracene	ug/kg	1670	1420	85	60-130	
Dibenzofuran	ug/kg	1670	1510	91	54-130	
Diethylphthalate	ug/kg	1670	1450	87	55-130	
Dimethylphthalate	ug/kg	1670	1410	84	57-130	
Fluoranthene	ug/kg	1670	1630	98	57-130	
Fluorene	ug/kg	1670	1490	89	56-130	
Hexachlorobenzene	ug/kg	1670	1500	90	53-130	
Hexachlorocyclopentadiene	ug/kg	1670	791	47	23-130	
Hexachloroethane	ug/kg	1670	1390	84	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1360	82	61-130	
Isophorone	ug/kg	1670	1380	83	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1580	95	52-130	
N-Nitrosodimethylamine	ug/kg	1670	1290	77	45-130	
N-Nitrosodiphenylamine	ug/kg	1670	1350	81	56-130	
Nitrobenzene	ug/kg	1670	1400	84	50-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

LABORATORY CONTROL SAMPLE: 3225853

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3330	3050	92	33-130	
Phenanthrene	ug/kg	1670	1460	88	60-130	
Phenol	ug/kg	1670	1610	97	54-130	
Pyrene	ug/kg	1670	1430	86	61-130	
Pyridine	ug/kg	1670	977	59	35-130	
2,4,6-Tribromophenol (S)	%			95	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			85	18-130	
Nitrobenzene-d5 (S)	%			82	21-130	
Phenol-d6 (S)	%			90	18-130	
Terphenyl-d14 (S)	%			71	15-130	

MATRIX SPIKE SAMPLE: 3225854

Parameter	Units	92530886009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1950	1690	77	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1950	1170	60	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1950	1860	95	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1950	1740	89	23-130	
2,4-Dichlorophenol	ug/kg	ND	1950	1640	84	29-130	
2,4-Dimethylphenol	ug/kg	ND	1950	1700	87	13-130	
2,4-Dinitrophenol	ug/kg	ND	9780	8030	82	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1950	2010	103	28-130	v1
2,6-Dinitrotoluene	ug/kg	ND	1950	1800	92	36-130	
2-Chloronaphthalene	ug/kg	ND	1950	1560	80	27-130	
2-Chlorophenol	ug/kg	ND	1950	1260	64	29-130	
2-Methylnaphthalene	ug/kg	ND	1950	1740	78	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1950	1400	72	20-130	
2-Nitroaniline	ug/kg	ND	3910	3480	89	29-130	
2-Nitrophenol	ug/kg	ND	1950	1550	79	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1950	1490	76	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3910	3440	88	15-130	IL
3-Nitroaniline	ug/kg	ND	3910	3470	89	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3910	3210	82	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1950	1610	82	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3910	3580	91	30-130	
4-Chloroaniline	ug/kg	ND	3910	2920	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1950	1770	91	32-130	
4-Nitroaniline	ug/kg	ND	3910	3800	97	30-130	v1
4-Nitrophenol	ug/kg	ND	9780	11200	114	17-130	
Acenaphthene	ug/kg	ND	1950	1680	86	29-130	
Acenaphthylene	ug/kg	ND	1950	1650	84	31-130	
Aniline	ug/kg	ND	1950	1090	55	10-130	
Anthracene	ug/kg	ND	1950	1760	90	33-130	
Benzo(a)anthracene	ug/kg	ND	1950	1750	89	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

MATRIX SPIKE SAMPLE: 3225854		92530886009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(b)fluoranthene	ug/kg	ND	1950	1800	92	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1950	1480	76	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1950	1830	94	31-130	
Benzoic Acid	ug/kg	ND	9780	6940	71	10-130	
Benzyl alcohol	ug/kg	ND	3910	2840	73	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1950	1460	74	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1950	1350	69	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1950	1540	79	40-130	
Butylbenzylphthalate	ug/kg	ND	1950	1440	74	40-130	
Chrysene	ug/kg	ND	1950	1720	88	30-130	
Di-n-butylphthalate	ug/kg	ND	1950	1640	84	41-130	
Di-n-octylphthalate	ug/kg	ND	1950	1720	88	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1950	1580	81	27-130	
Dibenzofuran	ug/kg	ND	1950	1750	89	32-130	
Diethylphthalate	ug/kg	ND	1950	1810	92	40-130	
Dimethylphthalate	ug/kg	ND	1950	1760	90	37-130	
Fluoranthene	ug/kg	ND	1950	1940	99	26-130	
Fluorene	ug/kg	ND	1950	1830	94	31-130	
Hexachlorobenzene	ug/kg	ND	1950	1740	89	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1950	882	45	10-130	v3
Hexachloroethane	ug/kg	ND	1950	1170	60	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1950	1560	79	28-130	
Isophorone	ug/kg	ND	1950	1600	82	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1950	1540	79	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1950	1040	53	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1950	1860	95	32-130	
Nitrobenzene	ug/kg	ND	1950	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3910	3690	94	10-130	
Phenanthrene	ug/kg	ND	1950	1910	91	34-130	
Phenol	ug/kg	ND	1950	1470	75	14-130	
Pyrene	ug/kg	ND	1950	1500	77	31-130	
Pyridine	ug/kg	ND	1950	187J	10	10-130	
2,4,6-Tribromophenol (S)	%				94	18-130	
2-Fluorobiphenyl (S)	%				70	19-130	
2-Fluorophenol (S)	%				60	18-130	
Nitrobenzene-d5 (S)	%				70	21-130	
Phenol-d6 (S)	%				66	18-130	
Terphenyl-d14 (S)	%				54	15-130	

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	v1
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	v1
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	v2

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

SAMPLE DUPLICATE: 3225855

Parameter	Units	92530886012 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	137J		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	78	73			
2-Fluorobiphenyl (S)	%	53	50			
2-Fluorophenol (S)	%	71	56			
Nitrobenzene-d5 (S)	%	83	61			
Phenol-d6 (S)	%	78	60			
Terphenyl-d14 (S)	%	32	32			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

QC Batch: 612981	Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511	Analysis Description: 8270E 3511 Low Volume PAH SIM
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952014

METHOD BLANK: 3226437 Matrix: Water

Associated Lab Samples: 92531952014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	92531521003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
										RPD	RPD	
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30	
2-Fluorobiphenyl (S)	%						118	125	61-163			
Nitrobenzene-d5 (S)	%						99	97	67-170			
Terphenyl-d14 (S)	%						95	91	62-169			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

QC Batch:	612432	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531952001, 92531952002, 92531952003, 92531952004, 92531952005, 92531952006, 92531952007, 92531952008, 92531952009, 92531952010, 92531952011, 92531952012, 92531952013

SAMPLE DUPLICATE: 3223750

Parameter	Units	92531952001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	68.0	69.0	1	25	N2

SAMPLE DUPLICATE: 3223751

Parameter	Units	92531973007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.3	5.0	4	25	N2

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040217

Pace Project No.: 92531952

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0 Result confirmed by second analysis.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

IK The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	DA4-SB-13A (0-0.6)	EPA 3546	612942	EPA 8082A	613094
92531952002	DA4-SB-13A (5-6)	EPA 3546	612942	EPA 8082A	613094
92531952003	DA4-SB-13B (0-0.6)	EPA 3546	612942	EPA 8082A	613094
92531952004	DA4-SB-13B (2-2.5)	EPA 3546	612942	EPA 8082A	613094
92531952005	RI-SB-37 (0-0.6)	EPA 3546	612942	EPA 8082A	613094
92531952006	RI-SB-37 (2-2.5)	EPA 3546	612942	EPA 8082A	613094
92531952007	RI-SB-38 (0-0.6)	EPA 3546	612942	EPA 8082A	613094
92531952008	RI-SB-38 (2-2.5)	EPA 3546	613371	EPA 8082A	613628
92531952009	RI-SB-39 (0-0.6)	EPA 3546	613371	EPA 8082A	613628
92531952010	RI-SB-39 (2-2.5)	EPA 3546	613371	EPA 8082A	613628
92531952011	FD-3	EPA 3546	612942	EPA 8082A	613094
92531952012	DA4-SB-13 (0-0.6)	EPA 3546	612942	EPA 8082A	613094
92531952013	DA4-SB-13 (6.5-7.5)	EPA 3546	613371	EPA 8082A	613628
92531952014	EB-3	EPA 3510C	612978	EPA 8270E	613104
92531952001	DA4-SB-13A (0-0.6)	EPA 3546	613018	EPA 8270E	613271
92531952002	DA4-SB-13A (5-6)	EPA 3546	613018	EPA 8270E	613271
92531952003	DA4-SB-13B (0-0.6)	EPA 3546	613018	EPA 8270E	613271
92531952004	DA4-SB-13B (2-2.5)	EPA 3546	613018	EPA 8270E	613271
92531952005	RI-SB-37 (0-0.6)	EPA 3546	613018	EPA 8270E	613271
92531952006	RI-SB-37 (2-2.5)	EPA 3546	613018	EPA 8270E	613271
92531952007	RI-SB-38 (0-0.6)	EPA 3546	613380	EPA 8270E	613642
92531952008	RI-SB-38 (2-2.5)	EPA 3546	613018	EPA 8270E	613271
92531952009	RI-SB-39 (0-0.6)	EPA 3546	613018	EPA 8270E	613271
92531952010	RI-SB-39 (2-2.5)	EPA 3546	613018	EPA 8270E	613271
92531952011	FD-3	EPA 3546	613018	EPA 8270E	613271
92531952012	DA4-SB-13 (0-0.6)	EPA 3546	613018	EPA 8270E	613271
92531952013	DA4-SB-13 (6.5-7.5)	EPA 3546	613380	EPA 8270E	613642
92531952001	DA4-SB-13A (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952002	DA4-SB-13A (5-6)	EPA 3546	612821	EPA 8270E	612985
92531952003	DA4-SB-13B (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952004	DA4-SB-13B (2-2.5)	EPA 3546	612821	EPA 8270E	612985
92531952005	RI-SB-37 (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952006	RI-SB-37 (2-2.5)	EPA 3546	612821	EPA 8270E	612985
92531952007	RI-SB-38 (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952008	RI-SB-38 (2-2.5)	EPA 3546	612821	EPA 8270E	612985
92531952009	RI-SB-39 (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952010	RI-SB-39 (2-2.5)	EPA 3546	612821	EPA 8270E	612985
92531952011	FD-3	EPA 3546	612821	EPA 8270E	612985
92531952012	DA4-SB-13 (0-0.6)	EPA 3546	612821	EPA 8270E	612985
92531952013	DA4-SB-13 (6.5-7.5)	EPA 3546	612821	EPA 8270E	612985
92531952014	EB-3	EPA 3511	612981	EPA 8270E by SIM	613090
92531952014	EB-3	EPA 8260D	613057		
92531952015	TRIP BLANK	EPA 8260D	612349		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040217
Pace Project No.: 92531952

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531952001	DA4-SB-13A (0-0.6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952002	DA4-SB-13A (5-6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952003	DA4-SB-13B (0-0.6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952004	DA4-SB-13B (2-2.5)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952005	RI-SB-37 (0-0.6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952006	RI-SB-37 (2-2.5)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952007	RI-SB-38 (0-0.6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952008	RI-SB-38 (2-2.5)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952009	RI-SB-39 (0-0.6)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952010	RI-SB-39 (2-2.5)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952011	FD-3	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952012	DA4-SB-13 (0-0.6)	EPA 5035A/5030B	612777	EPA 8260D	612809
92531952013	DA4-SB-13 (6.5-7.5)	EPA 5035A/5030B	612471	EPA 8260D	612506
92531952001	DA4-SB-13A (0-0.6)	SW-846	612432		
92531952002	DA4-SB-13A (5-6)	SW-846	612432		
92531952003	DA4-SB-13B (0-0.6)	SW-846	612432		
92531952004	DA4-SB-13B (2-2.5)	SW-846	612432		
92531952005	RI-SB-37 (0-0.6)	SW-846	612432		
92531952006	RI-SB-37 (2-2.5)	SW-846	612432		
92531952007	RI-SB-38 (0-0.6)	SW-846	612432		
92531952008	RI-SB-38 (2-2.5)	SW-846	612432		
92531952009	RI-SB-39 (0-0.6)	SW-846	612432		
92531952010	RI-SB-39 (2-2.5)	SW-846	612432		
92531952011	FD-3	SW-846	612432		
92531952012	DA4-SB-13 (0-0.6)	SW-846	612432		
92531952013	DA4-SB-13 (6.5-7.5)	SW-846	612432		

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Synterra

Project #:

WO# : 92531952

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 4/8/21 HJ

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer:

IR Gun ID: 927064

Type of Ice:

Wet Blue None

Cooler Temp: 4.1, 4.5 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1, 4.5

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? Yes No

Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WT/SL</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92531952

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

1/2

PM: KLH1

Due Date: 04/15/21

**Bottom half of box is to list number of bottles

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
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12	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	2	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92531952
 PM: KLH1 Due Date: 04/15/21
 CLIENT: 92-Duke Ener

2/2

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/
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12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: **Section B** Required Project Information: **Section C** Invoice Information:

Company: Synterra **Report To:** Tom King
Address: 148 River Street **Copy To:** Heather Smith
 Suite 220, Greenville, SC 29601
Email To: king@synterracorp.com **Purchase Order #:**
Phone: **Fax:** **Project Name:** Former Bramlette MGP
Requested Due Date: STANDARD TAT **Project Number:** 002731.00.04
Attention: **Company Name:**
Address: **Page Quote:**
Pace Project Manager: Kevin Herring
Page Profile #: 7754
Regulatory Agency:
State / Location:

ITEM #	MATRIX	CODE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	SAMPLER CONDITIONS																			
					START DATE	END DATE			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol				Other	8260	8270	8082	TIRP BLANK	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)											
1	TRIP BLANK							2																														
2	DAY-SB-13-SE-0-0.6-20210405		42	G	4/5/21	6:00		53																														
3	DAY-SB-13-SE-6.5-2.5-20210405		SLC	G	4/5/21	6:20		53																														
4																																						
5																																						
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8																																						
9																																						
10																																						
11																																						
12																																						

REINQUISHED BY / AFFILIATION: Tom King / Synterra Cold Storage **DATE:** 3/5/21 **TIME:** 1700
 Tom King / Pace **DATE:** 3/7/21 **TIME:** 1000
 Tom King / Pace **DATE:** 3/7/21 **TIME:** 1140
 Tom King / Pace **DATE:** 4/7/21 **TIME:** 1415
ACCEPTED BY / AFFILIATION: Tom King / Synterra Cold Storage **DATE:** 3/5/21 **TIME:** 1700
 Tom King / Pace **DATE:** 3/7/21 **TIME:** 1000
 Tom King / Pace **DATE:** 3/7/21 **TIME:** 1140
 Tom King / Pace **DATE:** 4/7/21 **TIME:** 800

SAMPLER NAME AND SIGNATURE: Tom King
PRINT Name of SAMPLER: Tom King
SIGNATURE of SAMPLER: *[Signature]* **DATE Signed:** 4/7/21
TEMP in C: 4.5
Received on Ice (Y/N): Y
Custody Sealed Cooler (Y/N): N
Samples Intact (Y/N): Y

April 12, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531524001	SW-18	Solid	04/05/21 10:35	04/06/21 12:10
92531524002	SW-19	Solid	04/05/21 11:10	04/06/21 12:10
92531524003	SW-20	Solid	04/05/21 12:45	04/06/21 12:10
92531524004	SW-21	Solid	04/05/21 12:00	04/06/21 12:10

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531524001	SW-18	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524002	SW-19	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524003	SW-20	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531524004	SW-21	EPA 8082A	BAJ	8	PASI-C
		EPA 8270E	SEM	4	PASI-C
		EPA 8270E	BPJ	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531524001	SW-18					
EPA 8270E	Benzo(a)pyrene	5.9J	ug/kg	18.3	04/08/21 11:55	
EPA 8260D	Acetone	98.3J	ug/kg	262	04/07/21 16:05	
EPA 8260D	Naphthalene	17.4	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Toluene	10.9J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	1,2,4-Trimethylbenzene	8.3J	ug/kg	13.1	04/07/21 16:05	
EPA 8260D	Xylene (Total)	21.6J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	m&p-Xylene	13.2J	ug/kg	26.2	04/07/21 16:05	
EPA 8260D	o-Xylene	8.3J	ug/kg	13.1	04/07/21 16:05	
SW-846	Percent Moisture	44.5	%	0.10	04/07/21 14:41	N2
92531524002	SW-19					
EPA 8270E	Benzo(a)pyrene	15.2	ug/kg	11.7	04/08/21 12:36	
EPA 8260D	Naphthalene	5.2J	ug/kg	6.2	04/07/21 16:41	
EPA 8260D	Toluene	3.7J	ug/kg	6.2	04/07/21 16:41	
SW-846	Percent Moisture	16.1	%	0.10	04/07/21 14:41	N2
92531524003	SW-20					
EPA 8270E	Benzo(a)pyrene	10.5J	ug/kg	12.0	04/08/21 13:17	
EPA 8260D	4-Methyl-2-pentanone (MIBK)	15.7J	ug/kg	56.9	04/07/21 16:59	
EPA 8260D	Toluene	8.4	ug/kg	5.7	04/07/21 16:59	
SW-846	Percent Moisture	16.9	%	0.10	04/07/21 14:41	N2
92531524004	SW-21					
EPA 8082A	PCB-1260 (Aroclor 1260)	35.2J	ug/kg	41.3	04/07/21 20:39	
EPA 8270E	Benzo(a)pyrene	8.5J	ug/kg	12.5	04/08/21 13:37	
EPA 8270E	Benzo(a)anthracene	198J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(b)fluoranthene	331J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Benzo(g,h,i)perylene	168J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Chrysene	206J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Fluoranthene	302J	ug/kg	410	04/09/21 17:26	
EPA 8270E	Pyrene	245J	ug/kg	410	04/09/21 17:26	
EPA 8260D	Chlorobenzene	3.5J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,3-Dichlorobenzene	6.0J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,4-Dichlorobenzene	9.8	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	Toluene	5.4J	ug/kg	6.4	04/07/21 17:17	
EPA 8260D	1,2,4-Trichlorobenzene	8.9	ug/kg	6.4	04/07/21 17:17	
SW-846	Percent Moisture	19.8	%	0.10	04/07/21 14:41	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Method: EPA 8082A
Description: 8082 GCS PCB
Client: Duke Energy
Date: April 12, 2021

General Information:

4 samples were analyzed for EPA 8082A by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: April 12, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 611973

S0: Surrogate recovery outside laboratory control limits.

- LCS (Lab ID: 3221188)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 12, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 612090

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- SW-19 (Lab ID: 92531524002)
 - 2,2'-Oxybis(1-chloropropane)
 - Nitrobenzene
- SW-20 (Lab ID: 92531524003)
 - 2,2'-Oxybis(1-chloropropane)
 - Nitrobenzene
- SW-21 (Lab ID: 92531524004)
 - 2,2'-Oxybis(1-chloropropane)
 - Nitrobenzene

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- SW-19 (Lab ID: 92531524002)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- SW-20 (Lab ID: 92531524003)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol
- SW-21 (Lab ID: 92531524004)
 - Hexachlorocyclopentadiene
 - Pentachlorophenol

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 12, 2021

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612090

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531024002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221851)
- bis(2-Chloroethyl) ether

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 12, 2021

General Information:

4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 612027

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531524002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221518)
- Chloromethane

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-18 Lab ID: 92531524001 Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	59.3	21.7	1	04/07/21 12:56	04/07/21 19:56	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	59.3	22.9	1	04/07/21 12:56	04/07/21 19:56	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	59.3	20.8	1	04/07/21 12:56	04/07/21 19:56	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	59.3	14.8	1	04/07/21 12:56	04/07/21 19:56	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	59.3	11.2	1	04/07/21 12:56	04/07/21 19:56	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	59.3	14.2	1	04/07/21 12:56	04/07/21 19:56	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	75	%	10-160		1	04/07/21 12:56	04/07/21 19:56	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	5.9J	ug/kg	18.3	1.9	1	04/07/21 12:58	04/08/21 11:55	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 11:55	321-60-8	
Nitrobenzene-d5 (S)	78	%	32-130		1	04/07/21 12:58	04/08/21 11:55	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 11:55	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	83-32-9	
Acenaphthylene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	208-96-8	
Aniline	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	62-53-3	
Anthracene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	120-12-7	
Benzo(a)anthracene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	601	200	1	04/07/21 16:51	04/08/21 17:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	207-08-9	
Benzoic Acid	ND	ug/kg	3010	1290	1	04/07/21 16:51	04/08/21 17:50	65-85-0	
Benzyl alcohol	ND	ug/kg	1200	455	1	04/07/21 16:51	04/08/21 17:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	101-55-3	
Butylbenzylphthalate	ND	ug/kg	601	253	1	04/07/21 16:51	04/08/21 17:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1200	423	1	04/07/21 16:51	04/08/21 17:50	59-50-7	
4-Chloroaniline	ND	ug/kg	1200	472	1	04/07/21 16:51	04/08/21 17:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	111-44-4	
2-Chloronaphthalene	ND	ug/kg	601	239	1	04/07/21 16:51	04/08/21 17:50	91-58-7	
2-Chlorophenol	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	601	224	1	04/07/21 16:51	04/08/21 17:50	7005-72-3	
Chrysene	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	53-70-3	
Dibenzofuran	ND	ug/kg	601	217	1	04/07/21 16:51	04/08/21 17:50	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1200	406	1	04/07/21 16:51	04/08/21 17:50	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	601	250	1	04/07/21 16:51	04/08/21 17:50	105-67-9	
Dimethylphthalate	ND	ug/kg	601	219	1	04/07/21 16:51	04/08/21 17:50	131-11-3	
Di-n-butylphthalate	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1200	561	1	04/07/21 16:51	04/08/21 17:50	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	3010	1860	1	04/07/21 16:51	04/08/21 17:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	601	231	1	04/07/21 16:51	04/08/21 17:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	601	220	1	04/07/21 16:51	04/08/21 17:50	606-20-2	
Di-n-octylphthalate	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	601	233	1	04/07/21 16:51	04/08/21 17:50	117-81-7	
Fluoranthene	ND	ug/kg	601	206	1	04/07/21 16:51	04/08/21 17:50	206-44-0	
Fluorene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	86-73-7	
Hexachlorobenzene	ND	ug/kg	601	235	1	04/07/21 16:51	04/08/21 17:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	601	344	1	04/07/21 16:51	04/08/21 17:50	77-47-4	
Hexachloroethane	ND	ug/kg	601	229	1	04/07/21 16:51	04/08/21 17:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	601	237	1	04/07/21 16:51	04/08/21 17:50	193-39-5	
Isophorone	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	78-59-1	
1-Methylnaphthalene	ND	ug/kg	601	211	1	04/07/21 16:51	04/08/21 17:50	90-12-0	
2-Methylnaphthalene	ND	ug/kg	601	240	1	04/07/21 16:51	04/08/21 17:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	601	246	1	04/07/21 16:51	04/08/21 17:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	601	242	1	04/07/21 16:51	04/08/21 17:50	15831-10-4	
2-Nitroaniline	ND	ug/kg	3010	492	1	04/07/21 16:51	04/08/21 17:50	88-74-4	
3-Nitroaniline	ND	ug/kg	3010	472	1	04/07/21 16:51	04/08/21 17:50	99-09-2	
4-Nitroaniline	ND	ug/kg	1200	457	1	04/07/21 16:51	04/08/21 17:50	100-01-6	
Nitrobenzene	ND	ug/kg	601	279	1	04/07/21 16:51	04/08/21 17:50	98-95-3	
2-Nitrophenol	ND	ug/kg	601	260	1	04/07/21 16:51	04/08/21 17:50	88-75-5	
4-Nitrophenol	ND	ug/kg	3010	1160	1	04/07/21 16:51	04/08/21 17:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	601	202	1	04/07/21 16:51	04/08/21 17:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	601	226	1	04/07/21 16:51	04/08/21 17:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	601	213	1	04/07/21 16:51	04/08/21 17:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	601	286	1	04/07/21 16:51	04/08/21 17:50	108-60-1	
Pentachlorophenol	ND	ug/kg	1200	588	1	04/07/21 16:51	04/08/21 17:50	87-86-5	
Phenanthrene	ND	ug/kg	601	197	1	04/07/21 16:51	04/08/21 17:50	85-01-8	
Phenol	ND	ug/kg	601	268	1	04/07/21 16:51	04/08/21 17:50	108-95-2	
Pyrene	ND	ug/kg	601	244	1	04/07/21 16:51	04/08/21 17:50	129-00-0	
Pyridine	ND	ug/kg	601	189	1	04/07/21 16:51	04/08/21 17:50	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	601	275	1	04/07/21 16:51	04/08/21 17:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	601	248	1	04/07/21 16:51	04/08/21 17:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	58	%	21-130		1	04/07/21 16:51	04/08/21 17:50	4165-60-0	
2-Fluorobiphenyl (S)	42	%	19-130		1	04/07/21 16:51	04/08/21 17:50	321-60-8	
Terphenyl-d14 (S)	33	%	15-130		1	04/07/21 16:51	04/08/21 17:50	1718-51-0	
Phenol-d6 (S)	48	%	18-130		1	04/07/21 16:51	04/08/21 17:50	13127-88-3	
2-Fluorophenol (S)	42	%	18-130		1	04/07/21 16:51	04/08/21 17:50	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-18 Lab ID: 92531524001 Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	58	%	18-130		1	04/07/21 16:51	04/08/21 17:50	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Acetone	98.3J	ug/kg	262	84.0	1	04/07/21 11:31	04/07/21 16:05	67-64-1	
Benzene	ND	ug/kg	13.1	5.2	1	04/07/21 11:31	04/07/21 16:05	71-43-2	
Bromobenzene	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	108-86-1	
Bromochloromethane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	74-97-5	
Bromodichloromethane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	75-27-4	
Bromoform	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	75-25-2	
Bromomethane	ND	ug/kg	26.2	20.7	1	04/07/21 11:31	04/07/21 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	262	62.8	1	04/07/21 11:31	04/07/21 16:05	78-93-3	
n-Butylbenzene	ND	ug/kg	13.1	6.2	1	04/07/21 11:31	04/07/21 16:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	56-23-5	
Chlorobenzene	ND	ug/kg	13.1	2.5	1	04/07/21 11:31	04/07/21 16:05	108-90-7	
Chloroethane	ND	ug/kg	26.2	10.1	1	04/07/21 11:31	04/07/21 16:05	75-00-3	
Chloroform	ND	ug/kg	13.1	8.0	1	04/07/21 11:31	04/07/21 16:05	67-66-3	
Chloromethane	ND	ug/kg	26.2	11.0	1	04/07/21 11:31	04/07/21 16:05	74-87-3	
2-Chlorotoluene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	13.1	2.3	1	04/07/21 11:31	04/07/21 16:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.1	5.1	1	04/07/21 11:31	04/07/21 16:05	96-12-8	
Dibromochloromethane	ND	ug/kg	13.1	7.4	1	04/07/21 11:31	04/07/21 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	106-93-4	
Dibromomethane	ND	ug/kg	13.1	2.8	1	04/07/21 11:31	04/07/21 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	26.2	5.7	1	04/07/21 11:31	04/07/21 16:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	13.1	8.7	1	04/07/21 11:31	04/07/21 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/kg	13.1	5.4	1	04/07/21 11:31	04/07/21 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	13.1	4.6	1	04/07/21 11:31	04/07/21 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	13.1	3.9	1	04/07/21 11:31	04/07/21 16:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	13.1	6.3	1	04/07/21 11:31	04/07/21 16:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	13.1	4.5	1	04/07/21 11:31	04/07/21 16:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	108-20-3	
Ethylbenzene	ND	ug/kg	13.1	6.1	1	04/07/21 11:31	04/07/21 16:05	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-18 **Lab ID: 92531524001** Collected: 04/05/21 10:35 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	26.2	21.4	1	04/07/21 11:31	04/07/21 16:05	87-68-3	
2-Hexanone	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	13.1	6.4	1	04/07/21 11:31	04/07/21 16:05	99-87-6	
Methylene Chloride	ND	ug/kg	52.3	35.9	1	04/07/21 11:31	04/07/21 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	131	12.6	1	04/07/21 11:31	04/07/21 16:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	13.1	4.9	1	04/07/21 11:31	04/07/21 16:05	1634-04-4	
Naphthalene	17.4	ug/kg	13.1	6.9	1	04/07/21 11:31	04/07/21 16:05	91-20-3	
n-Propylbenzene	ND	ug/kg	13.1	4.7	1	04/07/21 11:31	04/07/21 16:05	103-65-1	
Styrene	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	13.1	5.0	1	04/07/21 11:31	04/07/21 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	13.1	3.5	1	04/07/21 11:31	04/07/21 16:05	79-34-5	
Tetrachloroethene	ND	ug/kg	13.1	4.1	1	04/07/21 11:31	04/07/21 16:05	127-18-4	
Toluene	10.9J	ug/kg	13.1	3.7	1	04/07/21 11:31	04/07/21 16:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	13.1	10.6	1	04/07/21 11:31	04/07/21 16:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	13.1	11.0	1	04/07/21 11:31	04/07/21 16:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	13.1	6.8	1	04/07/21 11:31	04/07/21 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	13.1	4.3	1	04/07/21 11:31	04/07/21 16:05	79-00-5	
Trichloroethene	ND	ug/kg	13.1	3.4	1	04/07/21 11:31	04/07/21 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/kg	13.1	7.2	1	04/07/21 11:31	04/07/21 16:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	13.1	6.6	1	04/07/21 11:31	04/07/21 16:05	96-18-4	
1,2,4-Trimethylbenzene	8.3J	ug/kg	13.1	3.6	1	04/07/21 11:31	04/07/21 16:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	13.1	4.4	1	04/07/21 11:31	04/07/21 16:05	108-67-8	
Vinyl acetate	ND	ug/kg	131	9.5	1	04/07/21 11:31	04/07/21 16:05	108-05-4	
Vinyl chloride	ND	ug/kg	26.2	6.6	1	04/07/21 11:31	04/07/21 16:05	75-01-4	
Xylene (Total)	21.6J	ug/kg	26.2	7.5	1	04/07/21 11:31	04/07/21 16:05	1330-20-7	
m&p-Xylene	13.2J	ug/kg	26.2	9.0	1	04/07/21 11:31	04/07/21 16:05	179601-23-1	
o-Xylene	8.3J	ug/kg	13.1	5.8	1	04/07/21 11:31	04/07/21 16:05	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:05	2037-26-5	
4-Bromofluorobenzene (S)	111	%	69-134		1	04/07/21 11:31	04/07/21 16:05	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 16:05	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	44.5	%	0.10	0.10	1		04/07/21 14:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.8	14.6	1	04/07/21 12:56	04/07/21 20:10	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.8	15.4	1	04/07/21 12:56	04/07/21 20:10	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.8	14.0	1	04/07/21 12:56	04/07/21 20:10	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.8	9.9	1	04/07/21 12:56	04/07/21 20:10	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.8	7.5	1	04/07/21 12:56	04/07/21 20:10	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.8	9.5	1	04/07/21 12:56	04/07/21 20:10	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	44	%	10-160		1	04/07/21 12:56	04/07/21 20:10	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	15.2	ug/kg	11.7	1.2	1	04/07/21 12:58	04/08/21 12:36	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	40	%	31-130		1	04/07/21 12:58	04/08/21 12:36	321-60-8	
Nitrobenzene-d5 (S)	75	%	32-130		1	04/07/21 12:58	04/08/21 12:36	4165-60-0	
Terphenyl-d14 (S)	63	%	24-130		1	04/07/21 12:58	04/08/21 12:36	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	83-32-9	
Acenaphthylene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	208-96-8	
Aniline	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	62-53-3	
Anthracene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	396	132	1	04/07/21 16:51	04/09/21 16:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	207-08-9	
Benzoic Acid	ND	ug/kg	1980	850	1	04/07/21 16:51	04/09/21 16:32	65-85-0	
Benzyl alcohol	ND	ug/kg	791	300	1	04/07/21 16:51	04/09/21 16:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	101-55-3	
Butylbenzylphthalate	ND	ug/kg	396	167	1	04/07/21 16:51	04/09/21 16:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	791	278	1	04/07/21 16:51	04/09/21 16:32	59-50-7	
4-Chloroaniline	ND	ug/kg	791	311	1	04/07/21 16:51	04/09/21 16:32	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	111-44-4	
2-Chloronaphthalene	ND	ug/kg	396	157	1	04/07/21 16:51	04/09/21 16:32	91-58-7	
2-Chlorophenol	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	396	148	1	04/07/21 16:51	04/09/21 16:32	7005-72-3	
Chrysene	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	53-70-3	
Dibenzofuran	ND	ug/kg	396	143	1	04/07/21 16:51	04/09/21 16:32	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	791	267	1	04/07/21 16:51	04/09/21 16:32	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-19 Lab ID: 92531524002 Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	396	164	1	04/07/21 16:51	04/09/21 16:32	105-67-9	
Dimethylphthalate	ND	ug/kg	396	144	1	04/07/21 16:51	04/09/21 16:32	131-11-3	
Di-n-butylphthalate	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	791	369	1	04/07/21 16:51	04/09/21 16:32	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1980	1220	1	04/07/21 16:51	04/09/21 16:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	396	152	1	04/07/21 16:51	04/09/21 16:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	396	145	1	04/07/21 16:51	04/09/21 16:32	606-20-2	
Di-n-octylphthalate	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	396	154	1	04/07/21 16:51	04/09/21 16:32	117-81-7	
Fluoranthene	ND	ug/kg	396	136	1	04/07/21 16:51	04/09/21 16:32	206-44-0	
Fluorene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	86-73-7	
Hexachlorobenzene	ND	ug/kg	396	155	1	04/07/21 16:51	04/09/21 16:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	396	227	1	04/07/21 16:51	04/09/21 16:32	77-47-4	v2
Hexachloroethane	ND	ug/kg	396	151	1	04/07/21 16:51	04/09/21 16:32	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	156	1	04/07/21 16:51	04/09/21 16:32	193-39-5	
Isophorone	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	78-59-1	
1-Methylnaphthalene	ND	ug/kg	396	139	1	04/07/21 16:51	04/09/21 16:32	90-12-0	
2-Methylnaphthalene	ND	ug/kg	396	158	1	04/07/21 16:51	04/09/21 16:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	396	162	1	04/07/21 16:51	04/09/21 16:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	396	159	1	04/07/21 16:51	04/09/21 16:32	15831-10-4	
2-Nitroaniline	ND	ug/kg	1980	324	1	04/07/21 16:51	04/09/21 16:32	88-74-4	
3-Nitroaniline	ND	ug/kg	1980	311	1	04/07/21 16:51	04/09/21 16:32	99-09-2	IL
4-Nitroaniline	ND	ug/kg	791	301	1	04/07/21 16:51	04/09/21 16:32	100-01-6	
Nitrobenzene	ND	ug/kg	396	183	1	04/07/21 16:51	04/09/21 16:32	98-95-3	v1
2-Nitrophenol	ND	ug/kg	396	171	1	04/07/21 16:51	04/09/21 16:32	88-75-5	
4-Nitrophenol	ND	ug/kg	1980	765	1	04/07/21 16:51	04/09/21 16:32	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	396	133	1	04/07/21 16:51	04/09/21 16:32	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	396	149	1	04/07/21 16:51	04/09/21 16:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	396	140	1	04/07/21 16:51	04/09/21 16:32	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	396	188	1	04/07/21 16:51	04/09/21 16:32	108-60-1	v1
Pentachlorophenol	ND	ug/kg	791	387	1	04/07/21 16:51	04/09/21 16:32	87-86-5	v2
Phenanthrene	ND	ug/kg	396	130	1	04/07/21 16:51	04/09/21 16:32	85-01-8	
Phenol	ND	ug/kg	396	176	1	04/07/21 16:51	04/09/21 16:32	108-95-2	
Pyrene	ND	ug/kg	396	161	1	04/07/21 16:51	04/09/21 16:32	129-00-0	
Pyridine	ND	ug/kg	396	125	1	04/07/21 16:51	04/09/21 16:32	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	396	181	1	04/07/21 16:51	04/09/21 16:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	396	163	1	04/07/21 16:51	04/09/21 16:32	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/07/21 16:51	04/09/21 16:32	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	04/07/21 16:51	04/09/21 16:32	321-60-8	
Terphenyl-d14 (S)	31	%	15-130		1	04/07/21 16:51	04/09/21 16:32	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	04/07/21 16:51	04/09/21 16:32	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:32	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	47	%	18-130		1	04/07/21 16:51	04/09/21 16:32	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	124	39.7	1	04/07/21 11:31	04/07/21 16:41	67-64-1	
Benzene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	04/07/21 11:31	04/07/21 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	04/07/21 11:31	04/07/21 16:41	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	04/07/21 11:31	04/07/21 16:41	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	04/07/21 11:31	04/07/21 16:41	75-00-3	
Chloroform	ND	ug/kg	6.2	3.8	1	04/07/21 11:31	04/07/21 16:41	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	04/07/21 11:31	04/07/21 16:41	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	04/07/21 11:31	04/07/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	04/07/21 11:31	04/07/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	04/07/21 11:31	04/07/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	04/07/21 11:31	04/07/21 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	04/07/21 11:31	04/07/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.5	1	04/07/21 11:31	04/07/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	04/07/21 11:31	04/07/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	2.9	1	04/07/21 11:31	04/07/21 16:41	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-19 **Lab ID: 92531524002** Collected: 04/05/21 11:10 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	04/07/21 11:31	04/07/21 16:41	87-68-3	
2-Hexanone	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	04/07/21 11:31	04/07/21 16:41	99-87-6	
Methylene Chloride	ND	ug/kg	24.7	16.9	1	04/07/21 11:31	04/07/21 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.8	6.0	1	04/07/21 11:31	04/07/21 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	04/07/21 11:31	04/07/21 16:41	1634-04-4	
Naphthalene	5.2J	ug/kg	6.2	3.3	1	04/07/21 11:31	04/07/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	04/07/21 11:31	04/07/21 16:41	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	04/07/21 11:31	04/07/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	04/07/21 11:31	04/07/21 16:41	127-18-4	
Toluene	3.7J	ug/kg	6.2	1.8	1	04/07/21 11:31	04/07/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	04/07/21 11:31	04/07/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	04/07/21 11:31	04/07/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	04/07/21 11:31	04/07/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	04/07/21 11:31	04/07/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	04/07/21 11:31	04/07/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	04/07/21 11:31	04/07/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.2	1.7	1	04/07/21 11:31	04/07/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	2.1	1	04/07/21 11:31	04/07/21 16:41	108-67-8	
Vinyl acetate	ND	ug/kg	61.8	4.5	1	04/07/21 11:31	04/07/21 16:41	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	04/07/21 11:31	04/07/21 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	12.4	3.5	1	04/07/21 11:31	04/07/21 16:41	1330-20-7	
m&p-Xylene	ND	ug/kg	12.4	4.2	1	04/07/21 11:31	04/07/21 16:41	179601-23-1	
o-Xylene	ND	ug/kg	6.2	2.7	1	04/07/21 11:31	04/07/21 16:41	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/07/21 11:31	04/07/21 16:41	2037-26-5	
4-Bromofluorobenzene (S)	108	%	69-134		1	04/07/21 11:31	04/07/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1	04/07/21 11:31	04/07/21 16:41	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	16.1	%	0.10	0.10	1		04/07/21 14:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	39.3	14.4	1	04/07/21 12:56	04/07/21 20:24	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	39.3	15.2	1	04/07/21 12:56	04/07/21 20:24	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	39.3	13.8	1	04/07/21 12:56	04/07/21 20:24	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	39.3	9.8	1	04/07/21 12:56	04/07/21 20:24	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	39.3	7.4	1	04/07/21 12:56	04/07/21 20:24	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	39.3	9.4	1	04/07/21 12:56	04/07/21 20:24	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	47	%	10-160		1	04/07/21 12:56	04/07/21 20:24	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	10.5J	ug/kg	12.0	1.2	1	04/07/21 12:58	04/08/21 13:17	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	42	%	31-130		1	04/07/21 12:58	04/08/21 13:17	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/07/21 12:58	04/08/21 13:17	4165-60-0	
Terphenyl-d14 (S)	53	%	24-130		1	04/07/21 12:58	04/08/21 13:17	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	83-32-9	
Acenaphthylene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	208-96-8	
Aniline	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	62-53-3	
Anthracene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	391	130	1	04/07/21 16:51	04/09/21 16:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	207-08-9	
Benzoic Acid	ND	ug/kg	1950	839	1	04/07/21 16:51	04/09/21 16:59	65-85-0	
Benzyl alcohol	ND	ug/kg	781	296	1	04/07/21 16:51	04/09/21 16:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	391	164	1	04/07/21 16:51	04/09/21 16:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	781	275	1	04/07/21 16:51	04/09/21 16:59	59-50-7	
4-Chloroaniline	ND	ug/kg	781	307	1	04/07/21 16:51	04/09/21 16:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	111-44-4	
2-Chloronaphthalene	ND	ug/kg	391	155	1	04/07/21 16:51	04/09/21 16:59	91-58-7	
2-Chlorophenol	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	391	146	1	04/07/21 16:51	04/09/21 16:59	7005-72-3	
Chrysene	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	53-70-3	
Dibenzofuran	ND	ug/kg	391	141	1	04/07/21 16:51	04/09/21 16:59	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	781	264	1	04/07/21 16:51	04/09/21 16:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	120-83-2	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-20 Lab ID: 92531524003 Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	391	162	1	04/07/21 16:51	04/09/21 16:59	105-67-9	
Dimethylphthalate	ND	ug/kg	391	142	1	04/07/21 16:51	04/09/21 16:59	131-11-3	
Di-n-butylphthalate	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	781	364	1	04/07/21 16:51	04/09/21 16:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1210	1	04/07/21 16:51	04/09/21 16:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	391	150	1	04/07/21 16:51	04/09/21 16:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	391	143	1	04/07/21 16:51	04/09/21 16:59	606-20-2	
Di-n-octylphthalate	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	391	151	1	04/07/21 16:51	04/09/21 16:59	117-81-7	
Fluoranthene	ND	ug/kg	391	134	1	04/07/21 16:51	04/09/21 16:59	206-44-0	
Fluorene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	86-73-7	
Hexachlorobenzene	ND	ug/kg	391	153	1	04/07/21 16:51	04/09/21 16:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	391	224	1	04/07/21 16:51	04/09/21 16:59	77-47-4	v2
Hexachloroethane	ND	ug/kg	391	149	1	04/07/21 16:51	04/09/21 16:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	391	154	1	04/07/21 16:51	04/09/21 16:59	193-39-5	
Isophorone	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	78-59-1	
1-Methylnaphthalene	ND	ug/kg	391	137	1	04/07/21 16:51	04/09/21 16:59	90-12-0	
2-Methylnaphthalene	ND	ug/kg	391	156	1	04/07/21 16:51	04/09/21 16:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	391	160	1	04/07/21 16:51	04/09/21 16:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	391	157	1	04/07/21 16:51	04/09/21 16:59	15831-10-4	
2-Nitroaniline	ND	ug/kg	1950	320	1	04/07/21 16:51	04/09/21 16:59	88-74-4	
3-Nitroaniline	ND	ug/kg	1950	307	1	04/07/21 16:51	04/09/21 16:59	99-09-2	IL
4-Nitroaniline	ND	ug/kg	781	297	1	04/07/21 16:51	04/09/21 16:59	100-01-6	
Nitrobenzene	ND	ug/kg	391	181	1	04/07/21 16:51	04/09/21 16:59	98-95-3	v1
2-Nitrophenol	ND	ug/kg	391	169	1	04/07/21 16:51	04/09/21 16:59	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	755	1	04/07/21 16:51	04/09/21 16:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	391	131	1	04/07/21 16:51	04/09/21 16:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	391	147	1	04/07/21 16:51	04/09/21 16:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	391	138	1	04/07/21 16:51	04/09/21 16:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	391	186	1	04/07/21 16:51	04/09/21 16:59	108-60-1	v1
Pentachlorophenol	ND	ug/kg	781	382	1	04/07/21 16:51	04/09/21 16:59	87-86-5	v2
Phenanthrene	ND	ug/kg	391	128	1	04/07/21 16:51	04/09/21 16:59	85-01-8	
Phenol	ND	ug/kg	391	174	1	04/07/21 16:51	04/09/21 16:59	108-95-2	
Pyrene	ND	ug/kg	391	159	1	04/07/21 16:51	04/09/21 16:59	129-00-0	
Pyridine	ND	ug/kg	391	123	1	04/07/21 16:51	04/09/21 16:59	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	391	179	1	04/07/21 16:51	04/09/21 16:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	391	161	1	04/07/21 16:51	04/09/21 16:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	21-130		1	04/07/21 16:51	04/09/21 16:59	4165-60-0	
2-Fluorobiphenyl (S)	46	%	19-130		1	04/07/21 16:51	04/09/21 16:59	321-60-8	
Terphenyl-d14 (S)	36	%	15-130		1	04/07/21 16:51	04/09/21 16:59	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 16:59	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	04/07/21 16:51	04/09/21 16:59	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-20 Lab ID: 92531524003 Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	60	%	18-130		1	04/07/21 16:51	04/09/21 16:59	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	114	36.5	1	04/07/21 11:31	04/07/21 16:59	67-64-1	
Benzene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	75-27-4	
Bromoform	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	75-25-2	
Bromomethane	ND	ug/kg	11.4	9.0	1	04/07/21 11:31	04/07/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	114	27.3	1	04/07/21 11:31	04/07/21 16:59	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1.1	1	04/07/21 11:31	04/07/21 16:59	108-90-7	
Chloroethane	ND	ug/kg	11.4	4.4	1	04/07/21 11:31	04/07/21 16:59	75-00-3	
Chloroform	ND	ug/kg	5.7	3.5	1	04/07/21 11:31	04/07/21 16:59	67-66-3	
Chloromethane	ND	ug/kg	11.4	4.8	1	04/07/21 11:31	04/07/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1.0	1	04/07/21 11:31	04/07/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	3.2	1	04/07/21 11:31	04/07/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1.2	1	04/07/21 11:31	04/07/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.4	2.5	1	04/07/21 11:31	04/07/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	3.8	1	04/07/21 11:31	04/07/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	2.3	1	04/07/21 11:31	04/07/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1.7	1	04/07/21 11:31	04/07/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	108-20-3	
Ethylbenzene	ND	ug/kg	5.7	2.7	1	04/07/21 11:31	04/07/21 16:59	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-20 **Lab ID: 92531524003** Collected: 04/05/21 12:45 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	11.4	9.3	1	04/07/21 11:31	04/07/21 16:59	87-68-3	
2-Hexanone	ND	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	2.8	1	04/07/21 11:31	04/07/21 16:59	99-87-6	
Methylene Chloride	ND	ug/kg	22.8	15.6	1	04/07/21 11:31	04/07/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	15.7J	ug/kg	56.9	5.5	1	04/07/21 11:31	04/07/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	2.1	1	04/07/21 11:31	04/07/21 16:59	1634-04-4	
Naphthalene	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	2.0	1	04/07/21 11:31	04/07/21 16:59	103-65-1	
Styrene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	2.2	1	04/07/21 11:31	04/07/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1.8	1	04/07/21 11:31	04/07/21 16:59	127-18-4	
Toluene	8.4	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	4.6	1	04/07/21 11:31	04/07/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	4.8	1	04/07/21 11:31	04/07/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	3.0	1	04/07/21 11:31	04/07/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1.5	1	04/07/21 11:31	04/07/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	3.1	1	04/07/21 11:31	04/07/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	2.9	1	04/07/21 11:31	04/07/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1.6	1	04/07/21 11:31	04/07/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1.9	1	04/07/21 11:31	04/07/21 16:59	108-67-8	
Vinyl acetate	ND	ug/kg	56.9	4.1	1	04/07/21 11:31	04/07/21 16:59	108-05-4	
Vinyl chloride	ND	ug/kg	11.4	2.9	1	04/07/21 11:31	04/07/21 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	3.2	1	04/07/21 11:31	04/07/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	3.9	1	04/07/21 11:31	04/07/21 16:59	179601-23-1	
o-Xylene	ND	ug/kg	5.7	2.5	1	04/07/21 11:31	04/07/21 16:59	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 16:59	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	04/07/21 11:31	04/07/21 16:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	16.9	%	0.10	0.10	1		04/07/21 14:41		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB									
Analytical Method: EPA 8082A Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
PCB-1016 (Aroclor 1016)	ND	ug/kg	41.3	15.1	1	04/07/21 12:56	04/07/21 20:39	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	41.3	15.9	1	04/07/21 12:56	04/07/21 20:39	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	41.3	14.5	1	04/07/21 12:56	04/07/21 20:39	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	41.3	10.3	1	04/07/21 12:56	04/07/21 20:39	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	41.3	7.8	1	04/07/21 12:56	04/07/21 20:39	11097-69-1	
PCB-1260 (Aroclor 1260)	35.2J	ug/kg	41.3	9.9	1	04/07/21 12:56	04/07/21 20:39	11096-82-5	
Surrogates									
Decachlorobiphenyl (S)	40	%	10-160		1	04/07/21 12:56	04/07/21 20:39	2051-24-3	
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	8.5J	ug/kg	12.5	1.3	1	04/07/21 12:58	04/08/21 13:37	50-32-8	
Surrogates									
2-Fluorobiphenyl (S)	52	%	31-130		1	04/07/21 12:58	04/08/21 13:37	321-60-8	
Nitrobenzene-d5 (S)	70	%	32-130		1	04/07/21 12:58	04/08/21 13:37	4165-60-0	
Terphenyl-d14 (S)	71	%	24-130		1	04/07/21 12:58	04/08/21 13:37	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	83-32-9	
Acenaphthylene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	208-96-8	
Aniline	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	62-53-3	
Anthracene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	120-12-7	
Benzo(a)anthracene	198J	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	56-55-3	
Benzo(b)fluoranthene	331J	ug/kg	410	137	1	04/07/21 16:51	04/09/21 17:26	205-99-2	
Benzo(g,h,i)perylene	168J	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	207-08-9	
Benzoic Acid	ND	ug/kg	2050	881	1	04/07/21 16:51	04/09/21 17:26	65-85-0	
Benzyl alcohol	ND	ug/kg	820	311	1	04/07/21 16:51	04/09/21 17:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	410	173	1	04/07/21 16:51	04/09/21 17:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	820	288	1	04/07/21 16:51	04/09/21 17:26	59-50-7	
4-Chloroaniline	ND	ug/kg	820	322	1	04/07/21 16:51	04/09/21 17:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	111-44-4	
2-Chloronaphthalene	ND	ug/kg	410	163	1	04/07/21 16:51	04/09/21 17:26	91-58-7	
2-Chlorophenol	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	410	153	1	04/07/21 16:51	04/09/21 17:26	7005-72-3	
Chrysene	206J	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	53-70-3	
Dibenzofuran	ND	ug/kg	410	148	1	04/07/21 16:51	04/09/21 17:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	820	277	1	04/07/21 16:51	04/09/21 17:26	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	120-83-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

Sample: SW-21 Lab ID: 92531524004 Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Diethylphthalate	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	410	170	1	04/07/21 16:51	04/09/21 17:26	105-67-9	
Dimethylphthalate	ND	ug/kg	410	149	1	04/07/21 16:51	04/09/21 17:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	820	383	1	04/07/21 16:51	04/09/21 17:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1270	1	04/07/21 16:51	04/09/21 17:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	410	158	1	04/07/21 16:51	04/09/21 17:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	410	150	1	04/07/21 16:51	04/09/21 17:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	410	159	1	04/07/21 16:51	04/09/21 17:26	117-81-7	
Fluoranthene	302J	ug/kg	410	140	1	04/07/21 16:51	04/09/21 17:26	206-44-0	
Fluorene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	86-73-7	
Hexachlorobenzene	ND	ug/kg	410	160	1	04/07/21 16:51	04/09/21 17:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	410	235	1	04/07/21 16:51	04/09/21 17:26	77-47-4	v2
Hexachloroethane	ND	ug/kg	410	157	1	04/07/21 16:51	04/09/21 17:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	410	161	1	04/07/21 16:51	04/09/21 17:26	193-39-5	
Isophorone	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	78-59-1	
1-Methylnaphthalene	ND	ug/kg	410	144	1	04/07/21 16:51	04/09/21 17:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	410	164	1	04/07/21 16:51	04/09/21 17:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	410	168	1	04/07/21 16:51	04/09/21 17:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	410	165	1	04/07/21 16:51	04/09/21 17:26	15831-10-4	
2-Nitroaniline	ND	ug/kg	2050	335	1	04/07/21 16:51	04/09/21 17:26	88-74-4	
3-Nitroaniline	ND	ug/kg	2050	322	1	04/07/21 16:51	04/09/21 17:26	99-09-2	IL
4-Nitroaniline	ND	ug/kg	820	312	1	04/07/21 16:51	04/09/21 17:26	100-01-6	
Nitrobenzene	ND	ug/kg	410	190	1	04/07/21 16:51	04/09/21 17:26	98-95-3	v1
2-Nitrophenol	ND	ug/kg	410	178	1	04/07/21 16:51	04/09/21 17:26	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	793	1	04/07/21 16:51	04/09/21 17:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	410	138	1	04/07/21 16:51	04/09/21 17:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	410	154	1	04/07/21 16:51	04/09/21 17:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	410	145	1	04/07/21 16:51	04/09/21 17:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	410	195	1	04/07/21 16:51	04/09/21 17:26	108-60-1	v1
Pentachlorophenol	ND	ug/kg	820	401	1	04/07/21 16:51	04/09/21 17:26	87-86-5	v2
Phenanthrene	ND	ug/kg	410	134	1	04/07/21 16:51	04/09/21 17:26	85-01-8	
Phenol	ND	ug/kg	410	183	1	04/07/21 16:51	04/09/21 17:26	108-95-2	
Pyrene	245J	ug/kg	410	166	1	04/07/21 16:51	04/09/21 17:26	129-00-0	
Pyridine	ND	ug/kg	410	129	1	04/07/21 16:51	04/09/21 17:26	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	410	188	1	04/07/21 16:51	04/09/21 17:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	410	169	1	04/07/21 16:51	04/09/21 17:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	61	%	21-130		1	04/07/21 16:51	04/09/21 17:26	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	04/07/21 16:51	04/09/21 17:26	321-60-8	
Terphenyl-d14 (S)	27	%	15-130		1	04/07/21 16:51	04/09/21 17:26	1718-51-0	
Phenol-d6 (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	13127-88-3	
2-Fluorophenol (S)	54	%	18-130		1	04/07/21 16:51	04/09/21 17:26	367-12-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-21 Lab ID: 92531524004 Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Surrogates									
2,4,6-Tribromophenol (S)	59	%	18-130		1	04/07/21 16:51	04/09/21 17:26	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	128	41.1	1	04/07/21 11:31	04/07/21 17:17	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	75-25-2	
Bromomethane	ND	ug/kg	12.8	10.1	1	04/07/21 11:31	04/07/21 17:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	128	30.8	1	04/07/21 11:31	04/07/21 17:17	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	56-23-5	
Chlorobenzene	3.5J	ug/kg	6.4	1.2	1	04/07/21 11:31	04/07/21 17:17	108-90-7	
Chloroethane	ND	ug/kg	12.8	4.9	1	04/07/21 11:31	04/07/21 17:17	75-00-3	
Chloroform	ND	ug/kg	6.4	3.9	1	04/07/21 11:31	04/07/21 17:17	67-66-3	
Chloromethane	ND	ug/kg	12.8	5.4	1	04/07/21 11:31	04/07/21 17:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	04/07/21 11:31	04/07/21 17:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	04/07/21 11:31	04/07/21 17:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	04/07/21 11:31	04/07/21 17:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	95-50-1	
1,3-Dichlorobenzene	6.0J	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	541-73-1	
1,4-Dichlorobenzene	9.8	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.8	2.8	1	04/07/21 11:31	04/07/21 17:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.2	1	04/07/21 11:31	04/07/21 17:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.6	1	04/07/21 11:31	04/07/21 17:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	04/07/21 11:31	04/07/21 17:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	04/07/21 11:31	04/07/21 17:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	04/07/21 11:31	04/07/21 17:17	100-41-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Sample: SW-21 **Lab ID: 92531524004** Collected: 04/05/21 12:00 Received: 04/06/21 12:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Hexachloro-1,3-butadiene	ND	ug/kg	12.8	10.5	1	04/07/21 11:31	04/07/21 17:17	87-68-3	
2-Hexanone	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	99-87-6	
Methylene Chloride	ND	ug/kg	25.6	17.6	1	04/07/21 11:31	04/07/21 17:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.1	6.2	1	04/07/21 11:31	04/07/21 17:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	04/07/21 11:31	04/07/21 17:17	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	04/07/21 11:31	04/07/21 17:17	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	04/07/21 11:31	04/07/21 17:17	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	04/07/21 11:31	04/07/21 17:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	04/07/21 11:31	04/07/21 17:17	127-18-4	
Toluene	5.4J	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	04/07/21 11:31	04/07/21 17:17	87-61-6	
1,2,4-Trichlorobenzene	8.9	ug/kg	6.4	5.4	1	04/07/21 11:31	04/07/21 17:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	04/07/21 11:31	04/07/21 17:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	04/07/21 11:31	04/07/21 17:17	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1.7	1	04/07/21 11:31	04/07/21 17:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	04/07/21 11:31	04/07/21 17:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.2	1	04/07/21 11:31	04/07/21 17:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	04/07/21 11:31	04/07/21 17:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	04/07/21 11:31	04/07/21 17:17	108-67-8	
Vinyl acetate	ND	ug/kg	64.1	4.7	1	04/07/21 11:31	04/07/21 17:17	108-05-4	
Vinyl chloride	ND	ug/kg	12.8	3.3	1	04/07/21 11:31	04/07/21 17:17	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	3.7	1	04/07/21 11:31	04/07/21 17:17	1330-20-7	
m&p-Xylene	ND	ug/kg	12.8	4.4	1	04/07/21 11:31	04/07/21 17:17	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	04/07/21 11:31	04/07/21 17:17	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	04/07/21 11:31	04/07/21 17:17	2037-26-5	
4-Bromofluorobenzene (S)	109	%	69-134		1	04/07/21 11:31	04/07/21 17:17	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	04/07/21 11:31	04/07/21 17:17	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	19.8	%	0.10	0.10	1		04/07/21 14:41		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

QC Batch:	612027	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B SC
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221515 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/07/21 15:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/07/21 15:47	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/07/21 15:47	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/07/21 15:47	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/07/21 15:47	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/07/21 15:47	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/07/21 15:47	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/07/21 15:47	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/07/21 15:47	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/07/21 15:47	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
2-Hexanone	ug/kg	ND	50.0	4.8	04/07/21 15:47	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/07/21 15:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/07/21 15:47	
Acetone	ug/kg	ND	100	32.1	04/07/21 15:47	
Benzene	ug/kg	ND	5.0	2.0	04/07/21 15:47	
Bromobenzene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/07/21 15:47	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Bromoform	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Bromomethane	ug/kg	ND	10.0	7.9	04/07/21 15:47	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/07/21 15:47	
Chloroethane	ug/kg	ND	10.0	3.9	04/07/21 15:47	
Chloroform	ug/kg	ND	5.0	3.0	04/07/21 15:47	
Chloromethane	ug/kg	ND	10.0	4.2	04/07/21 15:47	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/07/21 15:47	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

METHOD BLANK: 3221515

Matrix: Solid

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Dibromomethane	ug/kg	ND	5.0	1.1	04/07/21 15:47	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/07/21 15:47	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/07/21 15:47	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/07/21 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/07/21 15:47	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/07/21 15:47	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/07/21 15:47	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/07/21 15:47	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/07/21 15:47	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/07/21 15:47	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Naphthalene	ug/kg	ND	5.0	2.6	04/07/21 15:47	
o-Xylene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/07/21 15:47	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/07/21 15:47	
Styrene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/07/21 15:47	
Toluene	ug/kg	ND	5.0	1.4	04/07/21 15:47	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/07/21 15:47	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/07/21 15:47	
Trichloroethene	ug/kg	ND	5.0	1.3	04/07/21 15:47	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/07/21 15:47	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/07/21 15:47	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/07/21 15:47	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/07/21 15:47	
1,2-Dichloroethane-d4 (S)	%	111	70-130		04/07/21 15:47	
4-Bromofluorobenzene (S)	%	107	69-134		04/07/21 15:47	
Toluene-d8 (S)	%	100	70-130		04/07/21 15:47	

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1180	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1140	91	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1170	93	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1250	100	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1160	93	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1210	97	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1120	90	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1180	95	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1150	92	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1210	97	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
1,2-Dichloroethane	ug/kg	1250	1190	95	63-130	
1,2-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	96	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1070	86	70-130	
1,3-Dichloropropane	ug/kg	1250	1270	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1130	90	70-130	
2,2-Dichloropropane	ug/kg	1250	1140	91	66-130	
2-Butanone (MEK)	ug/kg	2500	2700	108	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2740	110	70-130	
4-Chlorotoluene	ug/kg	1250	1170	93	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2650	106	70-130	
Acetone	ug/kg	2500	2630	105	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1140	91	70-130	
Bromochloromethane	ug/kg	1250	1180	94	70-130	
Bromodichloromethane	ug/kg	1250	1190	95	69-130	
Bromoform	ug/kg	1250	1210	96	70-130	
Bromomethane	ug/kg	1250	1110	89	52-130	
Carbon tetrachloride	ug/kg	1250	1170	94	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1100	88	70-130	
Chloromethane	ug/kg	1250	1220	98	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1240	100	70-130	
Dibromochloromethane	ug/kg	1250	1220	98	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	97	45-156	
Diisopropyl ether	ug/kg	1250	1240	99	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1200	96	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1180	95	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	94	70-130	
Methylene Chloride	ug/kg	1250	1300	104	65-130	
n-Butylbenzene	ug/kg	1250	1170	93	67-130	
n-Propylbenzene	ug/kg	1250	1190	95	70-130	
Naphthalene	ug/kg	1250	1150	92	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1250	100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221516

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1100	88	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1170	93	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1230	98	68-130	
Trichloroethene	ug/kg	1250	1120	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1090	88	70-130	
Vinyl acetate	ug/kg	2500	2960	119	70-130	
Vinyl chloride	ug/kg	1250	1170	93	61-130	
Xylene (Total)	ug/kg	3750	3600	96	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			106	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3221518

Parameter	Units	92531524002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	618	660	107	70-131	
1,1,1-Trichloroethane	ug/kg	ND	618	674	109	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	618	653	106	66-130	
1,1,2-Trichloroethane	ug/kg	ND	618	655	106	66-133	
1,1-Dichloroethane	ug/kg	ND	618	641	104	65-130	
1,1-Dichloroethene	ug/kg	ND	618	698	113	10-158	
1,1-Dichloropropene	ug/kg	ND	618	709	115	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	618	674	109	27-138	
1,2,3-Trichloropropane	ug/kg	ND	618	633	102	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	618	657	106	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	618	690	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	618	547	89	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	618	656	106	70-130	
1,2-Dichlorobenzene	ug/kg	ND	618	645	104	69-130	
1,2-Dichloroethane	ug/kg	ND	618	701	113	59-130	
1,2-Dichloropropane	ug/kg	ND	618	735	119	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	618	710	115	65-137	
1,3-Dichlorobenzene	ug/kg	ND	618	644	104	70-130	
1,3-Dichloropropane	ug/kg	ND	618	706	114	70-130	
1,4-Dichlorobenzene	ug/kg	ND	618	639	103	68-130	
2,2-Dichloropropane	ug/kg	ND	618	599	97	32-130	
2-Butanone (MEK)	ug/kg	ND	1240	1340	108	10-136	
2-Chlorotoluene	ug/kg	ND	618	703	114	69-141	
2-Hexanone	ug/kg	ND	1240	1370	111	10-144	
4-Chlorotoluene	ug/kg	ND	618	678	110	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1240	1380	112	25-143	
Acetone	ug/kg	ND	1240	1100	89	10-130	
Benzene	ug/kg	ND	618	707	114	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

MATRIX SPIKE SAMPLE:	3221518	92531524002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	618	647	105	70-130	
Bromochloromethane	ug/kg	ND	618	628	102	69-134	
Bromodichloromethane	ug/kg	ND	618	648	105	64-130	
Bromoform	ug/kg	ND	618	582	94	62-130	
Bromomethane	ug/kg	ND	618	572	93	20-176	
Carbon tetrachloride	ug/kg	ND	618	652	106	65-140	
Chlorobenzene	ug/kg	ND	618	667	108	70-130	
Chloroethane	ug/kg	ND	618	273	44	10-130	
Chloroform	ug/kg	ND	618	629	102	63-130	
Chloromethane	ug/kg	ND	618	807	131	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	618	705	114	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	618	678	110	67-130	
Dibromochloromethane	ug/kg	ND	618	629	102	67-130	
Dibromomethane	ug/kg	ND	618	608	98	63-131	
Dichlorodifluoromethane	ug/kg	ND	618	749	121	44-180	
Diisopropyl ether	ug/kg	ND	618	689	112	63-130	
Ethylbenzene	ug/kg	ND	618	673	109	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	618	736	119	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	618	728	118	69-135	
m&p-Xylene	ug/kg	ND	1240	1440	117	60-133	
Methyl-tert-butyl ether	ug/kg	ND	618	630	102	65-130	
Methylene Chloride	ug/kg	ND	618	701	113	61-130	
n-Butylbenzene	ug/kg	ND	618	703	114	65-140	
n-Propylbenzene	ug/kg	ND	618	707	114	67-140	
Naphthalene	ug/kg	5.2J	618	638	102	15-145	
o-Xylene	ug/kg	ND	618	699	113	66-133	
p-Isopropyltoluene	ug/kg	ND	618	685	111	56-147	
sec-Butylbenzene	ug/kg	ND	618	689	112	65-139	
Styrene	ug/kg	ND	618	710	115	70-132	
tert-Butylbenzene	ug/kg	ND	618	679	110	62-135	
Tetrachloroethene	ug/kg	ND	618	656	106	70-135	
Toluene	ug/kg	3.7J	618	696	112	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	618	699	113	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	618	657	106	62-130	
Trichloroethene	ug/kg	ND	618	656	106	70-135	
Trichlorofluoromethane	ug/kg	ND	618	241	39	10-130	
Vinyl acetate	ug/kg	ND	1240	1510	122	53-130	
Vinyl chloride	ug/kg	ND	618	725	117	61-148	
Xylene (Total)	ug/kg	ND	1860	2140	115	63-132	
1,2-Dichloroethane-d4 (S)	%				112	70-130	
4-Bromofluorobenzene (S)	%				107	69-134	
Toluene-d8 (S)	%				103	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	8.3J	6.8J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	98.3J	89.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221517

Parameter	Units	92531524001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	13.2J	14.3J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	17.4	16.0	8	30	
o-Xylene	ug/kg	8.3J	8.9J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	10.9J	9.4J		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	21.6J	ND		30	
1,2-Dichloroethane-d4 (S)	%	110	116			
4-Bromofluorobenzene (S)	%	111	115			
Toluene-d8 (S)	%	102	102			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611971 Analysis Method: EPA 8082A
QC Batch Method: EPA 3546 Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221183 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	32.6	11.9	04/07/21 21:36	
PCB-1221 (Aroclor 1221)	ug/kg	ND	32.6	12.6	04/07/21 21:36	
PCB-1232 (Aroclor 1232)	ug/kg	ND	32.6	11.4	04/07/21 21:36	
PCB-1242 (Aroclor 1242)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1248 (Aroclor 1248)	ug/kg	ND	32.6	8.1	04/07/21 21:36	
PCB-1254 (Aroclor 1254)	ug/kg	ND	32.6	6.1	04/07/21 21:36	
PCB-1260 (Aroclor 1260)	ug/kg	ND	32.6	7.8	04/07/21 21:36	
Decachlorobiphenyl (S)	%	69	10-160		04/07/21 21:36	

LABORATORY CONTROL SAMPLE: 3221184

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	169	134	79	54-130	
PCB-1260 (Aroclor 1260)	ug/kg	169	132	78	47-139	
Decachlorobiphenyl (S)	%			68	10-160	

MATRIX SPIKE SAMPLE: 3221185

Parameter	Units	92531093001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	277	221	80	17-131	
PCB-1260 (Aroclor 1260)	ug/kg	ND	277	195	70	10-142	
Decachlorobiphenyl (S)	%				66	10-160	

SAMPLE DUPLICATE: 3221186

Parameter	Units	92531093002 Result	Dup Result	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	ND	ND		30	
PCB-1221 (Aroclor 1221)	ug/kg	ND	ND		30	
PCB-1232 (Aroclor 1232)	ug/kg	ND	ND		30	
PCB-1242 (Aroclor 1242)	ug/kg	ND	ND		30	
PCB-1248 (Aroclor 1248)	ug/kg	ND	ND		30	
PCB-1254 (Aroclor 1254)	ug/kg	ND	ND		30	
PCB-1260 (Aroclor 1260)	ug/kg	ND	ND		30	
Decachlorobiphenyl (S)	%	68	70			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 611973 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E MSSV PAH by SIM
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221187 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.1	1.0	04/08/21 06:31	
2-Fluorobiphenyl (S)	%	91	31-130		04/08/21 06:31	
Nitrobenzene-d5 (S)	%	102	32-130		04/08/21 06:31	
Terphenyl-d14 (S)	%	117	24-130		04/08/21 06:31	

LABORATORY CONTROL SAMPLE: 3221188

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.4	23.9	71	44-130	
2-Fluorobiphenyl (S)	%			107	31-130	
Nitrobenzene-d5 (S)	%			123	32-130	
Terphenyl-d14 (S)	%			133	24-130	S0

MATRIX SPIKE SAMPLE: 3221189

Parameter	Units	92531524001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg		5.9J	59.5	55.8	84	10-130
2-Fluorobiphenyl (S)	%					74	31-130
Nitrobenzene-d5 (S)	%					87	32-130
Terphenyl-d14 (S)	%					101	24-130

SAMPLE DUPLICATE: 3221190

Parameter	Units	92531524002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	15.2	11.6J		30	
2-Fluorobiphenyl (S)	%	40	44			
Nitrobenzene-d5 (S)	%	75	78			
Terphenyl-d14 (S)	%	63	73			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

QC Batch: 612090 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

METHOD BLANK: 3221849 Matrix: Solid
Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	328	115	04/08/21 08:13	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	328	156	04/08/21 08:13	
2,4,5-Trichlorophenol	ug/kg	ND	328	150	04/08/21 08:13	
2,4,6-Trichlorophenol	ug/kg	ND	328	135	04/08/21 08:13	
2,4-Dichlorophenol	ug/kg	ND	328	128	04/08/21 08:13	
2,4-Dimethylphenol	ug/kg	ND	328	136	04/08/21 08:13	
2,4-Dinitrophenol	ug/kg	ND	1640	1010	04/08/21 08:13	
2,4-Dinitrotoluene	ug/kg	ND	328	126	04/08/21 08:13	
2,6-Dinitrotoluene	ug/kg	ND	328	120	04/08/21 08:13	
2-Chloronaphthalene	ug/kg	ND	328	130	04/08/21 08:13	
2-Chlorophenol	ug/kg	ND	328	123	04/08/21 08:13	
2-Methylnaphthalene	ug/kg	ND	328	131	04/08/21 08:13	
2-Methylphenol(o-Cresol)	ug/kg	ND	328	134	04/08/21 08:13	
2-Nitroaniline	ug/kg	ND	1640	268	04/08/21 08:13	
2-Nitrophenol	ug/kg	ND	328	142	04/08/21 08:13	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	328	132	04/08/21 08:13	
3,3'-Dichlorobenzidine	ug/kg	ND	656	222	04/08/21 08:13	IL
3-Nitroaniline	ug/kg	ND	1640	257	04/08/21 08:13	
4,6-Dinitro-2-methylphenol	ug/kg	ND	656	306	04/08/21 08:13	
4-Bromophenylphenyl ether	ug/kg	ND	328	126	04/08/21 08:13	
4-Chloro-3-methylphenol	ug/kg	ND	656	230	04/08/21 08:13	
4-Chloroaniline	ug/kg	ND	656	257	04/08/21 08:13	
4-Chlorophenylphenyl ether	ug/kg	ND	328	122	04/08/21 08:13	
4-Nitroaniline	ug/kg	ND	656	249	04/08/21 08:13	
4-Nitrophenol	ug/kg	ND	1640	634	04/08/21 08:13	
Acenaphthene	ug/kg	ND	328	115	04/08/21 08:13	
Acenaphthylene	ug/kg	ND	328	115	04/08/21 08:13	
Aniline	ug/kg	ND	328	128	04/08/21 08:13	
Anthracene	ug/kg	ND	328	107	04/08/21 08:13	
Benzo(a)anthracene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(b)fluoranthene	ug/kg	ND	328	109	04/08/21 08:13	
Benzo(g,h,i)perylene	ug/kg	ND	328	127	04/08/21 08:13	
Benzo(k)fluoranthene	ug/kg	ND	328	115	04/08/21 08:13	
Benzoic Acid	ug/kg	ND	1640	704	04/08/21 08:13	
Benzyl alcohol	ug/kg	ND	656	248	04/08/21 08:13	
bis(2-Chloroethoxy)methane	ug/kg	ND	328	136	04/08/21 08:13	
bis(2-Chloroethyl) ether	ug/kg	ND	328	123	04/08/21 08:13	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	328	127	04/08/21 08:13	
Butylbenzylphthalate	ug/kg	ND	328	138	04/08/21 08:13	
Chrysene	ug/kg	ND	328	119	04/08/21 08:13	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

METHOD BLANK: 3221849

Matrix: Solid

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	328	110	04/08/21 08:13	
Di-n-octylphthalate	ug/kg	ND	328	129	04/08/21 08:13	
Dibenz(a,h)anthracene	ug/kg	ND	328	126	04/08/21 08:13	
Dibenzofuran	ug/kg	ND	328	118	04/08/21 08:13	
Diethylphthalate	ug/kg	ND	328	120	04/08/21 08:13	
Dimethylphthalate	ug/kg	ND	328	119	04/08/21 08:13	
Fluoranthene	ug/kg	ND	328	112	04/08/21 08:13	
Fluorene	ug/kg	ND	328	115	04/08/21 08:13	
Hexachlorobenzene	ug/kg	ND	328	128	04/08/21 08:13	
Hexachlorocyclopentadiene	ug/kg	ND	328	188	04/08/21 08:13	
Hexachloroethane	ug/kg	ND	328	125	04/08/21 08:13	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	328	129	04/08/21 08:13	
Isophorone	ug/kg	ND	328	146	04/08/21 08:13	
N-Nitroso-di-n-propylamine	ug/kg	ND	328	123	04/08/21 08:13	
N-Nitrosodimethylamine	ug/kg	ND	328	110	04/08/21 08:13	
N-Nitrosodiphenylamine	ug/kg	ND	328	116	04/08/21 08:13	
Nitrobenzene	ug/kg	ND	328	152	04/08/21 08:13	
Pentachlorophenol	ug/kg	ND	656	321	04/08/21 08:13	
Phenanthrene	ug/kg	ND	328	107	04/08/21 08:13	
Phenol	ug/kg	ND	328	146	04/08/21 08:13	
Pyrene	ug/kg	ND	328	133	04/08/21 08:13	
Pyridine	ug/kg	ND	328	103	04/08/21 08:13	
2,4,6-Tribromophenol (S)	%	82	18-130		04/08/21 08:13	
2-Fluorobiphenyl (S)	%	69	19-130		04/08/21 08:13	
2-Fluorophenol (S)	%	64	18-130		04/08/21 08:13	
Nitrobenzene-d5 (S)	%	73	21-130		04/08/21 08:13	
Phenol-d6 (S)	%	68	18-130		04/08/21 08:13	
Terphenyl-d14 (S)	%	70	15-130		04/08/21 08:13	

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1660	1310	79	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1660	1180	71	38-130	
2,4,5-Trichlorophenol	ug/kg	1660	1400	84	49-130	
2,4,6-Trichlorophenol	ug/kg	1660	1330	80	50-130	
2,4-Dichlorophenol	ug/kg	1660	1370	82	51-130	
2,4-Dimethylphenol	ug/kg	1660	1400	84	53-130	
2,4-Dinitrophenol	ug/kg	8310	5640	68	39-130	
2,4-Dinitrotoluene	ug/kg	1660	1380	83	53-130	
2,6-Dinitrotoluene	ug/kg	1660	1370	82	55-130	
2-Chloronaphthalene	ug/kg	1660	1350	81	48-130	
2-Chlorophenol	ug/kg	1660	1220	74	54-130	
2-Methylnaphthalene	ug/kg	1660	1270	77	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1660	1260	76	50-130	
2-Nitroaniline	ug/kg	3320	2630	79	49-130	
2-Nitrophenol	ug/kg	1660	1330	80	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1660	1280	77	50-130	
3,3'-Dichlorobenzidine	ug/kg	3320	2480	75	47-130	IL
3-Nitroaniline	ug/kg	3320	2290	69	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3320	2530	76	50-142	
4-Bromophenylphenyl ether	ug/kg	1660	1450	87	55-130	
4-Chloro-3-methylphenol	ug/kg	3320	2780	84	52-130	
4-Chloroaniline	ug/kg	3320	2490	75	49-130	
4-Chlorophenylphenyl ether	ug/kg	1660	1430	86	53-130	
4-Nitroaniline	ug/kg	3320	2470	74	51-130	
4-Nitrophenol	ug/kg	8310	6790	82	40-130	
Acenaphthene	ug/kg	1660	1380	83	56-130	
Acenaphthylene	ug/kg	1660	1360	82	58-130	
Aniline	ug/kg	1660	1090	66	44-130	
Anthracene	ug/kg	1660	1390	84	60-130	
Benzo(a)anthracene	ug/kg	1660	1450	87	59-130	
Benzo(b)fluoranthene	ug/kg	1660	1460	88	54-130	
Benzo(g,h,i)perylene	ug/kg	1660	1420	85	59-130	
Benzo(k)fluoranthene	ug/kg	1660	1500	90	54-130	
Benzoic Acid	ug/kg	8310	4880	59	19-130	
Benzyl alcohol	ug/kg	3320	2540	76	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1660	1350	81	55-130	
bis(2-Chloroethyl) ether	ug/kg	1660	1350	81	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1660	1300	79	58-130	
Butylbenzylphthalate	ug/kg	1660	1310	79	46-138	
Chrysene	ug/kg	1660	1420	86	57-130	
Di-n-butylphthalate	ug/kg	1660	1350	81	57-130	
Di-n-octylphthalate	ug/kg	1660	1340	80	57-130	
Dibenz(a,h)anthracene	ug/kg	1660	1420	85	60-130	
Dibenzofuran	ug/kg	1660	1410	85	54-130	
Diethylphthalate	ug/kg	1660	1360	82	55-130	
Dimethylphthalate	ug/kg	1660	1350	81	57-130	
Fluoranthene	ug/kg	1660	1440	87	57-130	
Fluorene	ug/kg	1660	1410	85	56-130	
Hexachlorobenzene	ug/kg	1660	1410	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1660	1080	65	23-130	
Hexachloroethane	ug/kg	1660	1260	76	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1660	1450	87	61-130	
Isophorone	ug/kg	1660	1210	73	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1660	1310	79	52-130	
N-Nitrosodimethylamine	ug/kg	1660	1260	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1660	1350	81	56-130	
Nitrobenzene	ug/kg	1660	1330	80	50-130	
Pentachlorophenol	ug/kg	3320	2690	81	33-130	
Phenanthrene	ug/kg	1660	1430	86	60-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

LABORATORY CONTROL SAMPLE: 3221850

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1660	1400	84	54-130	
Pyrene	ug/kg	1660	1400	84	61-130	
Pyridine	ug/kg	1660	842	51	35-130	
2,4,6-Tribromophenol (S)	%			81	18-130	
2-Fluorobiphenyl (S)	%			71	19-130	
2-Fluorophenol (S)	%			71	18-130	
Nitrobenzene-d5 (S)	%			73	21-130	
Phenol-d6 (S)	%			71	18-130	
Terphenyl-d14 (S)	%			63	15-130	

MATRIX SPIKE SAMPLE: 3221851

Parameter	Units	92531024002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg		ND 1940	1570	66	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg		ND 1940	1160	60	30-130	
2,4,5-Trichlorophenol	ug/kg		ND 1940	1480	76	26-130	
2,4,6-Trichlorophenol	ug/kg		ND 1940	1440	74	23-130	
2,4-Dichlorophenol	ug/kg		ND 1940	1390	72	29-130	
2,4-Dimethylphenol	ug/kg		ND 1940	1090	56	13-130	
2,4-Dinitrophenol	ug/kg		ND 9720	4050	42	10-131	
2,4-Dinitrotoluene	ug/kg		ND 1940	1500	77	28-130	
2,6-Dinitrotoluene	ug/kg		ND 1940	1480	76	36-130	
2-Chloronaphthalene	ug/kg		ND 1940	1450	75	27-130	
2-Chlorophenol	ug/kg		ND 1940	1220	63	29-130	
2-Methylnaphthalene	ug/kg	419	1940	1530	57	29-130	
2-Methylphenol(o-Cresol)	ug/kg		ND 1940	1120	58	20-130	
2-Nitroaniline	ug/kg		ND 3890	2780	72	29-130	
2-Nitrophenol	ug/kg		ND 1940	1340	69	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg		ND 1940	1200	62	10-176	
3,3'-Dichlorobenzidine	ug/kg		ND 3890	2070	53	15-130 IL	
3-Nitroaniline	ug/kg		ND 3890	2590	67	28-130	
4,6-Dinitro-2-methylphenol	ug/kg		ND 3890	2130	55	15-132	
4-Bromophenylphenyl ether	ug/kg		ND 1940	1500	77	35-130	
4-Chloro-3-methylphenol	ug/kg		ND 3890	2930	75	30-130	
4-Chloroaniline	ug/kg		ND 3890	2480	64	28-130	
4-Chlorophenylphenyl ether	ug/kg		ND 1940	1550	80	32-130	
4-Nitroaniline	ug/kg		ND 3890	2680	69	30-130	
4-Nitrophenol	ug/kg		ND 9720	7800	80	17-130	
Acenaphthene	ug/kg		ND 1940	1510	78	29-130	
Acenaphthylene	ug/kg		ND 1940	1490	77	31-130	
Aniline	ug/kg		ND 1940	947	49	10-130	
Anthracene	ug/kg		ND 1940	1580	81	33-130	
Benzo(a)anthracene	ug/kg		ND 1940	1560	80	32-130	
Benzo(b)fluoranthene	ug/kg		ND 1940	1570	81	33-130	
Benzo(g,h,i)perylene	ug/kg		ND 1940	1420	71	28-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

MATRIX SPIKE SAMPLE: 3221851		92531024002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	1940	1530	79	31-130	
Benzoic Acid	ug/kg	ND	9720	2930	30	10-130	
Benzyl alcohol	ug/kg	ND	3890	2690	69	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1940	1310	67	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1940	1280	66	68-130	M1
bis(2-Ethylhexyl)phthalate	ug/kg	438	1940	1860	73	40-130	
Butylbenzylphthalate	ug/kg	ND	1940	1490	76	40-130	
Chrysene	ug/kg	ND	1940	1570	79	30-130	
Di-n-butylphthalate	ug/kg	ND	1940	1350	69	41-130	
Di-n-octylphthalate	ug/kg	ND	1940	1580	81	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1940	1490	77	27-130	
Dibenzofuran	ug/kg	ND	1940	1580	81	32-130	
Diethylphthalate	ug/kg	ND	1940	1460	75	40-130	
Dimethylphthalate	ug/kg	ND	1940	1430	74	37-130	
Fluoranthene	ug/kg	ND	1940	1450	72	26-130	
Fluorene	ug/kg	ND	1940	1560	80	31-130	
Hexachlorobenzene	ug/kg	ND	1940	1540	79	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1940	1000	51	10-130	
Hexachloroethane	ug/kg	ND	1940	1320	68	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1940	1460	75	28-130	
Isophorone	ug/kg	ND	1940	1270	65	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1940	1370	70	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1940	1090	56	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1940	1540	79	32-130	
Nitrobenzene	ug/kg	ND	1940	1400	72	25-130	
Pentachlorophenol	ug/kg	ND	3890	2910	75	10-130	
Phenanthrene	ug/kg	ND	1940	1580	78	34-130	
Phenol	ug/kg	ND	1940	1290	67	14-130	
Pyrene	ug/kg	ND	1940	1660	82	31-130	
Pyridine	ug/kg	ND	1940	754	39	10-130	
2,4,6-Tribromophenol (S)	%				77	18-130	
2-Fluorobiphenyl (S)	%				65	19-130	
2-Fluorophenol (S)	%				53	18-130	
Nitrobenzene-d5 (S)	%				65	21-130	
Phenol-d6 (S)	%				57	18-130	
Terphenyl-d14 (S)	%				59	15-130	

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

SAMPLE DUPLICATE: 3221852

Parameter	Units	92531099003 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	73	83			
2-Fluorobiphenyl (S)	%	63	68			
2-Fluorophenol (S)	%	61	58			
Nitrobenzene-d5 (S)	%	65	67			
Phenol-d6 (S)	%	63	65			
Terphenyl-d14 (S)	%	53	66			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040145
Pace Project No.: 92531524

QC Batch: 612114	Analysis Method: SW-846
QC Batch Method: SW-846	Analysis Description: Dry Weight/Percent Moisture
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531524001, 92531524002, 92531524003, 92531524004

SAMPLE DUPLICATE: 3221994

Parameter	Units	92531516001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.2	17.6	2	25	N2

SAMPLE DUPLICATE: 3221995

Parameter	Units	92531627005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	7.4	21	25	N2

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

S0 Surrogate recovery outside laboratory control limits.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040145

Pace Project No.: 92531524

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531524001	SW-18	EPA 3546	611971	EPA 8082A	612281
92531524002	SW-19	EPA 3546	611971	EPA 8082A	612281
92531524003	SW-20	EPA 3546	611971	EPA 8082A	612281
92531524004	SW-21	EPA 3546	611971	EPA 8082A	612281
92531524001	SW-18	EPA 3546	611973	EPA 8270E	612273
92531524002	SW-19	EPA 3546	611973	EPA 8270E	612273
92531524003	SW-20	EPA 3546	611973	EPA 8270E	612273
92531524004	SW-21	EPA 3546	611973	EPA 8270E	612273
92531524001	SW-18	EPA 3546	612090	EPA 8270E	612299
92531524002	SW-19	EPA 3546	612090	EPA 8270E	612299
92531524003	SW-20	EPA 3546	612090	EPA 8270E	612299
92531524004	SW-21	EPA 3546	612090	EPA 8270E	612299
92531524001	SW-18	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524002	SW-19	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524003	SW-20	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524004	SW-21	EPA 5035A/5030B	612027	EPA 8260D	612046
92531524001	SW-18	SW-846	612114		
92531524002	SW-19	SW-846	612114		
92531524003	SW-20	SW-846	612114		
92531524004	SW-21	SW-846	612114		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Synterra

Project #:

WO#: 92531524



Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *4-6-21 AR*

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: *93-T071* Type of Ice: Wet Blue None

Cooler Temp: *4.2* Correction Factor: Add/Subtract (°C) *0*

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *4.2*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <i>SL</i>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. <i>Soils</i>
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

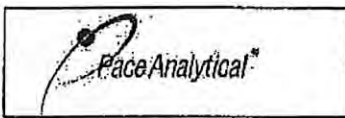
Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
 Sample Condition Upon Receipt(SCUR)
 Document No.:
 F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 2 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92531524

PM: KLH1

Due Date: 04/13/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	W6FU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	V69T-40 mL VOA Na2S2O3 (N/A)	V69U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synerra Address: 148 River Street Phone: (803)429-3688 Email: Wing@synerra.com Requested Due Date: _____

Section B Required Project Information: Report To: Tam King Copy To: _____ Project Name: Former Bramlette MGP Site Purchase Order #: _____

Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Page Project Manager: Kevin Herring@pacelab.com Page Profile #: 7754

Requested Analysis Entered: Y/N Residual Chlorine (Y/N) SC

ITEM #	SAMPLE ID One Character per box (A-Z, 0-9, /, -) Sample IDs must be unique	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
				START DATE TIME	END DATE TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					
1	S10-18-SE-20210405	SLC	DW	04/05/21	1035	3	2									1	1	1	
2	S10-19-SE-20210405	SLC	WW	04/05/21	1110	1	1									1	1	1	
3	S10-20-SE-20210405	SLC	WW	04/05/21	1245	1	1									1	1	1	
4	S10-21-SE-20210405	SLC	WW	04/05/21	1300	3	2									1	1	1	
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			

Level 4 data record required

ADDITIONAL COMMENTS: STANDARD TOWN

REINFORCEMENT: SN DATE: 04/05/21 TIME: 1430

REINFORCEMENT: SN DATE: 4/6/21 TIME: 0830

REINFORCEMENT: SN DATE: 4-6-21 TIME: 1210

REINFORCEMENT: SN DATE: 4-6-21 TIME: 1415

REINFORCEMENT: SN DATE: 4-6-21 TIME: 1415

PRINT Name of SAMPLER: LEE DRAB DATE Signed: 04/05/21

SIGNATURE OF SAMPLER: _____

May 13, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528011001	RI-SB-13 (0.5-1.0)	Solid	03/15/21 10:35	03/16/21 11:45
92528011002	RI-SB-13 (5.5-6.0)	Solid	03/15/21 10:35	03/16/21 11:45
92528011003	RI-SB-14 (0.5-1.0)	Solid	03/15/21 10:40	03/16/21 11:45
92528011004	RI-SB-14 (5.5-6.0)	Solid	03/15/21 10:40	03/16/21 11:45
92528011005	RI-SB-15 (0.5-1.0)	Solid	03/15/21 11:30	03/16/21 11:45
92528011006	RI-SB-15 (5.5-6.0)	Solid	03/15/21 11:35	03/16/21 11:45
92528011007	RI-SB-16 (0.5-1.0)	Solid	03/15/21 11:45	03/16/21 11:45
92528011008	RI-SB-16 (5.5-6.0)	Solid	03/15/21 11:50	03/16/21 11:45
92528011009	RI-SB-17 (0.5-1.0)	Solid	03/15/21 13:30	03/16/21 11:45
92528011010	RI-SB-17 (5.5-6.0)	Solid	03/15/21 13:35	03/16/21 11:45
92528011011	RI-SB-18 (0.5-1.0)	Solid	03/15/21 13:45	03/16/21 11:45
92528011012	RI-SB-18 (5.5-6.0)	Solid	03/15/21 13:50	03/16/21 11:45
92528011013	RI-SB-21 (0.5-1.0)	Solid	03/15/21 15:05	03/16/21 11:45
92528011014	RI-SB-21 (5.5-6.0)	Solid	03/15/21 15:10	03/16/21 11:45
92528011015	RI-SB-22 (0.5-1.0)	Solid	03/15/21 15:25	03/16/21 11:45
92528011016	RI-SB-22 (5.5-6.0)	Solid	03/15/21 15:30	03/16/21 11:45
92528011017	RI-SB-23 (0.5-1.0)	Solid	03/15/21 15:35	03/16/21 11:45
92528011018	RI-SB-23 (5.5-6.0)	Solid	03/15/21 15:40	03/16/21 11:45
92528011019	RI-SB-24 (0.5-1.0)	Solid	03/15/21 15:55	03/16/21 11:45
92528011020	RI-SB-24 (5.5-6.0)	Solid	03/15/21 16:00	03/16/21 11:45
92528011021	TRIP BLANK	Water	03/15/21 00:00	03/16/21 11:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528011001	RI-SB-13 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011002	RI-SB-13 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011003	RI-SB-14 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011004	RI-SB-14 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011005	RI-SB-15 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011006	RI-SB-15 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011007	RI-SB-16 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011008	RI-SB-16 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011009	RI-SB-17 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011010	RI-SB-17 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011011	RI-SB-18 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011012	RI-SB-18 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011013	RI-SB-21 (0.5-1.0)	SW-846	KDF	1	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528011014	RI-SB-21 (5.5-6.0)	SW-846	KDF	1	PASI-C
92528011015	RI-SB-22 (0.5-1.0)	SW-846	KDF	1	PASI-C
92528011016	RI-SB-22 (5.5-6.0)	SW-846	KDF	1	PASI-C
92528011017	RI-SB-23 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011018	RI-SB-23 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011019	RI-SB-24 (0.5-1.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011020	RI-SB-24 (5.5-6.0)	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528011021	TRIP BLANK	EPA 8260D	CL	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92528011001	RI-SB-13 (0.5-1.0)					
SW-846	Percent Moisture	14.3	%	0.10	03/17/21 14:11	N2
92528011002	RI-SB-13 (5.5-6.0)					
EPA 8270E	Benzo(a)anthracene	291J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Benzo(a)pyrene	254J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Benzo(b)fluoranthene	330J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Chrysene	271J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Fluoranthene	574	ug/kg	557	03/18/21 09:44	
EPA 8270E	Phenanthrene	219J	ug/kg	557	03/18/21 09:44	
EPA 8270E	Pyrene	556J	ug/kg	557	03/18/21 09:44	
EPA 8260D	Acetone	139J	ug/kg	386	03/17/21 22:35	
EPA 8260D	2-Butanone (MEK)	97.5J	ug/kg	386	03/17/21 22:35	
EPA 8260D	Chlorobenzene	11.9J	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Ethylbenzene	40.6	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Isopropylbenzene (Cumene)	95.2	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	p-Isopropyltoluene	54.1	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Naphthalene	315	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Toluene	32.5	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	1,2,4-Trimethylbenzene	66.7	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	1,3,5-Trimethylbenzene	24.9	ug/kg	19.3	03/17/21 22:35	
EPA 8260D	Xylene (Total)	153	ug/kg	38.6	03/17/21 22:35	
EPA 8260D	m&p-Xylene	90.6	ug/kg	38.6	03/17/21 22:35	
EPA 8260D	o-Xylene	62.3	ug/kg	19.3	03/17/21 22:35	
SW-846	Percent Moisture	41.1	%	0.10	03/17/21 14:11	N2
92528011003	RI-SB-14 (0.5-1.0)					
EPA 8260D	Naphthalene	29.7	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	Toluene	12.8	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	1,2,4-Trimethylbenzene	11.0	ug/kg	7.0	03/17/21 17:54	
EPA 8260D	Xylene (Total)	32.5	ug/kg	13.9	03/17/21 17:54	
EPA 8260D	m&p-Xylene	20.5	ug/kg	13.9	03/17/21 17:54	
EPA 8260D	o-Xylene	12.0	ug/kg	7.0	03/17/21 17:54	
SW-846	Percent Moisture	11.8	%	0.10	03/17/21 14:11	N2
92528011004	RI-SB-14 (5.5-6.0)					
EPA 8270E	Benzo(a)anthracene	269J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Benzo(a)pyrene	231J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Benzo(b)fluoranthene	333J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Chrysene	255J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Fluoranthene	598	ug/kg	493	03/18/21 11:15	
EPA 8270E	Phenanthrene	406J	ug/kg	493	03/18/21 11:15	
EPA 8270E	Pyrene	505	ug/kg	493	03/18/21 11:15	
EPA 8260D	Acetone	164J	ug/kg	256	03/17/21 22:53	
EPA 8260D	2-Butanone (MEK)	81.0J	ug/kg	256	03/17/21 22:53	
EPA 8260D	Chlorobenzene	20.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	1,4-Dichlorobenzene	6.5J	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Ethylbenzene	32.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Isopropylbenzene (Cumene)	97.8	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	p-Isopropyltoluene	70.4	ug/kg	12.8	03/17/21 22:53	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92528011004	RI-SB-14 (5.5-6.0)					
EPA 8260D	Naphthalene	203	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Toluene	20.0	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	1,2,4-Trimethylbenzene	33.4	ug/kg	12.8	03/17/21 22:53	
EPA 8260D	Xylene (Total)	74.1	ug/kg	25.6	03/17/21 22:53	
EPA 8260D	m&p-Xylene	43.7	ug/kg	25.6	03/17/21 22:53	
EPA 8260D	o-Xylene	30.4	ug/kg	12.8	03/17/21 22:53	
SW-846	Percent Moisture	33.1	%	0.10	03/17/21 14:12	N2
92528011005	RI-SB-15 (0.5-1.0)					
EPA 8270E	Acenaphthene	214J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Acenaphthylene	169J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Anthracene	376	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(a)anthracene	801	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(a)pyrene	693	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(b)fluoranthene	944	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(g,h,i)perylene	436	ug/kg	372	03/18/21 11:46	
EPA 8270E	Benzo(k)fluoranthene	398	ug/kg	372	03/18/21 11:46	
EPA 8270E	Chrysene	822	ug/kg	372	03/18/21 11:46	
EPA 8270E	Dibenzofuran	260J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Fluoranthene	1370	ug/kg	372	03/18/21 11:46	
EPA 8270E	Fluorene	289J	ug/kg	372	03/18/21 11:46	
EPA 8270E	Indeno(1,2,3-cd)pyrene	370J	ug/kg	372	03/18/21 11:46	
EPA 8270E	1-Methylnaphthalene	458	ug/kg	372	03/18/21 11:46	
EPA 8270E	2-Methylnaphthalene	520	ug/kg	372	03/18/21 11:46	
EPA 8270E	Phenanthrene	1470	ug/kg	372	03/18/21 11:46	
EPA 8270E	Pyrene	1400	ug/kg	372	03/18/21 11:46	
EPA 8260D	Benzene	41.8	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Chlorobenzene	7.0	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Ethylbenzene	23.4	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Isopropylbenzene (Cumene)	5.7J	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	p-Isopropyltoluene	9.6	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Naphthalene	372	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Styrene	3.8J	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Toluene	64.6	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	1,2,4-Trimethylbenzene	19.2	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	1,3,5-Trimethylbenzene	6.8	ug/kg	6.3	03/17/21 18:11	
EPA 8260D	Xylene (Total)	70.4	ug/kg	12.5	03/17/21 18:11	
EPA 8260D	m&p-Xylene	49.8	ug/kg	12.5	03/17/21 18:11	
EPA 8260D	o-Xylene	20.6	ug/kg	6.3	03/17/21 18:11	
SW-846	Percent Moisture	11.9	%	0.10	03/17/21 14:12	N2
92528011006	RI-SB-15 (5.5-6.0)					
EPA 8270E	Acenaphthene	269J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Acenaphthylene	185J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Anthracene	716	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(a)anthracene	1640	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(a)pyrene	1440	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(b)fluoranthene	2020	ug/kg	517	03/18/21 12:47	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92528011006	RI-SB-15 (5.5-6.0)					
EPA 8270E	Benzo(g,h,i)perylene	975	ug/kg	517	03/18/21 12:47	
EPA 8270E	Benzo(k)fluoranthene	791	ug/kg	517	03/18/21 12:47	
EPA 8270E	Chrysene	1530	ug/kg	517	03/18/21 12:47	
EPA 8270E	Fluoranthene	3920	ug/kg	517	03/18/21 12:47	
EPA 8270E	Fluorene	329J	ug/kg	517	03/18/21 12:47	
EPA 8270E	Indeno(1,2,3-cd)pyrene	800	ug/kg	517	03/18/21 12:47	
EPA 8270E	Phenanthrene	2730	ug/kg	517	03/18/21 12:47	
EPA 8270E	Pyrene	3540	ug/kg	517	03/18/21 12:47	
EPA 8260D	Chlorobenzene	6.8J	ug/kg	10	03/17/21 18:29	
EPA 8260D	Isopropylbenzene (Cumene)	20.6	ug/kg	10	03/17/21 18:29	
EPA 8260D	p-Isopropyltoluene	34.3	ug/kg	10	03/17/21 18:29	
EPA 8260D	Naphthalene	60.0	ug/kg	10	03/17/21 18:29	
EPA 8260D	Toluene	5.1J	ug/kg	10	03/17/21 18:29	
EPA 8260D	1,2,4-Trimethylbenzene	13.0	ug/kg	10	03/17/21 18:29	
EPA 8260D	Xylene (Total)	15.7J	ug/kg	19.9	03/17/21 18:29	
EPA 8260D	m&p-Xylene	15.7J	ug/kg	19.9	03/17/21 18:29	
SW-846	Percent Moisture	36.8	%	0.10	03/17/21 14:12	N2
92528011007	RI-SB-16 (0.5-1.0)					
EPA 8260D	Naphthalene	7.8	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	Toluene	9.7	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	1,2,4-Trimethylbenzene	3.4J	ug/kg	6.2	03/19/21 00:27	
EPA 8260D	Xylene (Total)	10.5J	ug/kg	12.4	03/19/21 00:27	
EPA 8260D	m&p-Xylene	10.5J	ug/kg	12.4	03/19/21 00:27	
SW-846	Percent Moisture	14.2	%	0.10	03/17/21 14:12	N2
92528011008	RI-SB-16 (5.5-6.0)					
EPA 8270E	Acenaphthene	7710	ug/kg	516	03/18/21 13:49	E
EPA 8270E	Anthracene	17300	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(a)anthracene	23800	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(a)pyrene	15900	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(b)fluoranthene	21300	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Benzo(g,h,i)perylene	9630	ug/kg	516	03/18/21 13:49	
EPA 8270E	Benzo(k)fluoranthene	8160	ug/kg	516	03/18/21 13:49	
EPA 8270E	Chrysene	23000	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Dibenz(a,h)anthracene	2920	ug/kg	516	03/18/21 13:49	
EPA 8270E	Dibenzofuran	4160	ug/kg	516	03/18/21 13:49	
EPA 8270E	Fluoranthene	58500	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Fluorene	10200	ug/kg	516	03/18/21 13:49	E
EPA 8270E	Indeno(1,2,3-cd)pyrene	9200	ug/kg	516	03/18/21 13:49	
EPA 8270E	1-Methylnaphthalene	1490	ug/kg	516	03/18/21 13:49	
EPA 8270E	2-Methylnaphthalene	695	ug/kg	516	03/18/21 13:49	
EPA 8270E	Phenanthrene	55400	ug/kg	10300	03/18/21 22:41	
EPA 8270E	Pyrene	48100	ug/kg	10300	03/18/21 22:41	
EPA 8260D	Acetone	83.5J	ug/kg	215	03/17/21 23:11	
EPA 8260D	2-Butanone (MEK)	74.6J	ug/kg	215	03/17/21 23:11	
EPA 8260D	Chlorobenzene	40.2	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,4-Dichlorobenzene	12.2	ug/kg	10.7	03/17/21 23:11	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011008	RI-SB-16 (5.5-6.0)					
EPA 8260D	Ethylbenzene	10.8	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Isopropylbenzene (Cumene)	173	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	p-Isopropyltoluene	56.9	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Naphthalene	1410	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Styrene	5.8J	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Toluene	17.2	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,2,4-Trimethylbenzene	107	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	1,3,5-Trimethylbenzene	43.0	ug/kg	10.7	03/17/21 23:11	
EPA 8260D	Xylene (Total)	131	ug/kg	21.5	03/17/21 23:11	
EPA 8260D	m&p-Xylene	69.5	ug/kg	21.5	03/17/21 23:11	
EPA 8260D	o-Xylene	61.1	ug/kg	10.7	03/17/21 23:11	
SW-846	Percent Moisture	35.9	%	0.10	03/17/21 14:12	N2
92528011009	RI-SB-17 (0.5-1.0)					
EPA 8260D	Naphthalene	8.0J	ug/kg	8.7	03/17/21 19:04	C8
EPA 8260D	Toluene	12.7	ug/kg	8.7	03/17/21 19:04	
EPA 8260D	Xylene (Total)	11.4J	ug/kg	17.4	03/17/21 19:04	
EPA 8260D	m&p-Xylene	11.4J	ug/kg	17.4	03/17/21 19:04	
SW-846	Percent Moisture	20.1	%	0.10	03/17/21 14:12	N2
92528011010	RI-SB-17 (5.5-6.0)					
EPA 8260D	Toluene	5.0J	ug/kg	6.4	03/17/21 19:22	
SW-846	Percent Moisture	21.7	%	0.10	03/17/21 14:12	N2
92528011011	RI-SB-18 (0.5-1.0)					
SW-846	Percent Moisture	20.4	%	0.10	03/17/21 14:12	N2
92528011012	RI-SB-18 (5.5-6.0)					
SW-846	Percent Moisture	22.5	%	0.10	03/17/21 14:12	N2
92528011013	RI-SB-21 (0.5-1.0)					
SW-846	Percent Moisture	13.5	%	0.10	03/17/21 14:12	N2
92528011014	RI-SB-21 (5.5-6.0)					
SW-846	Percent Moisture	34.0	%	0.10	03/17/21 14:12	N2
92528011015	RI-SB-22 (0.5-1.0)					
SW-846	Percent Moisture	13.4	%	0.10	03/17/21 14:13	N2
92528011016	RI-SB-22 (5.5-6.0)					
SW-846	Percent Moisture	40.6	%	0.10	03/17/21 14:13	N2
92528011017	RI-SB-23 (0.5-1.0)					
SW-846	Percent Moisture	14.7	%	0.10	03/17/21 14:13	N2
92528011018	RI-SB-23 (5.5-6.0)					
EPA 8260D	Ethylbenzene	5.4J	ug/kg	8.8	03/24/21 15:06	
EPA 8260D	Naphthalene	21.0	ug/kg	8.8	03/24/21 15:06	
EPA 8260D	Toluene	8.1J	ug/kg	8.8	03/24/21 15:06	
SW-846	Percent Moisture	20.4	%	0.10	03/17/21 14:13	N2

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528011019	RI-SB-24 (0.5-1.0)					
EPA 8260D	Naphthalene	7.7	ug/kg	7.1	03/24/21 15:24	
EPA 8260D	Toluene	4.6J	ug/kg	7.1	03/24/21 15:24	
SW-846	Percent Moisture	14.7	%	0.10	03/17/21 14:13	N2
92528011020	RI-SB-24 (5.5-6.0)					
EPA 8270E	Acenaphthylene	194J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Benzo(a)anthracene	172J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Benzo(a)pyrene	184J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Benzo(b)fluoranthene	306J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Benzo(g,h,i)perylene	224J	ug/kg	492	03/24/21 18:22	v1
EPA 8270E	Chrysene	199J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Fluoranthene	267J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Indeno(1,2,3-cd)pyrene	209J	ug/kg	492	03/24/21 18:22	
EPA 8270E	Pyrene	261J	ug/kg	492	03/24/21 18:22	
EPA 8260D	Acetone	273	ug/kg	222	03/24/21 15:42	
EPA 8260D	Benzene	5.7J	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	2-Butanone (MEK)	117J	ug/kg	222	03/24/21 15:42	
EPA 8260D	Chlorobenzene	17.2	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	Ethylbenzene	19.0	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	Isopropylbenzene (Cumene)	254	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	Naphthalene	1320	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	n-Propylbenzene	16.1	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	Toluene	24.1	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	1,2,4-Trimethylbenzene	69.3	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	1,3,5-Trimethylbenzene	29.9	ug/kg	11.1	03/24/21 15:42	
EPA 8260D	Xylene (Total)	174	ug/kg	22.2	03/24/21 15:42	
EPA 8260D	m&p-Xylene	94.2	ug/kg	22.2	03/24/21 15:42	
EPA 8260D	o-Xylene	80.1	ug/kg	11.1	03/24/21 15:42	
SW-846	Percent Moisture	33.1	%	0.10	03/17/21 14:13	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: May 13, 2021

General Information:

16 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 608843

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3206787)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- DUP (Lab ID: 3206790)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- LCS (Lab ID: 3206788)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- MS (Lab ID: 3206789)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- RI-SB-23 (0.5-1.0) (Lab ID: 92528011017)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- RI-SB-23 (5.5-6.0) (Lab ID: 92528011018)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate
- RI-SB-24 (0.5-1.0) (Lab ID: 92528011019)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: May 13, 2021

QC Batch: 608843

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Benzo(g,h,i)perylene
- Butylbenzylphthalate
- Di-n-octylphthalate
- RI-SB-24 (5.5-6.0) (Lab ID: 92528011020)
 - Benzo(g,h,i)perylene
 - Butylbenzylphthalate
 - Di-n-octylphthalate

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 608843

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528011017

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3206789)
 - bis(2-Chloroethyl) ether

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: 607315

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- RI-SB-16 (5.5-6.0) (Lab ID: 92528011008)
 - Acenaphthene
 - Fluorene

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: May 13, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

General Information:

16 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607356

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3199767)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3199769)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3199768)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200136)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-13 (0.5-1.0) (Lab ID: 92528011001)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-13 (5.5-6.0) (Lab ID: 92528011002)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-14 (0.5-1.0) (Lab ID: 92528011003)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-14 (5.5-6.0) (Lab ID: 92528011004)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-15 (0.5-1.0) (Lab ID: 92528011005)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-15 (5.5-6.0) (Lab ID: 92528011006)
 - Bromomethane

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

QC Batch: 607356

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Hexachloro-1,3-butadiene
- RI-SB-16 (5.5-6.0) (Lab ID: 92528011008)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-17 (0.5-1.0) (Lab ID: 92528011009)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-17 (5.5-6.0) (Lab ID: 92528011010)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-18 (0.5-1.0) (Lab ID: 92528011011)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-18 (5.5-6.0) (Lab ID: 92528011012)
 - Bromomethane
 - Hexachloro-1,3-butadiene

QC Batch: 607623

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3200879)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3200881)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3200880)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200882)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-16 (0.5-1.0) (Lab ID: 92528011007)
 - Bromomethane
 - Hexachloro-1,3-butadiene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607356

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3199767)
 - Bromomethane

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

QC Batch: 607356

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- DUP (Lab ID: 3199769)
 - Bromomethane
- LCS (Lab ID: 3199768)
 - Bromomethane
- MS (Lab ID: 3200136)
 - Bromomethane
- RI-SB-13 (0.5-1.0) (Lab ID: 92528011001)
 - Bromomethane
- RI-SB-13 (5.5-6.0) (Lab ID: 92528011002)
 - Bromomethane
- RI-SB-14 (0.5-1.0) (Lab ID: 92528011003)
 - Bromomethane
- RI-SB-14 (5.5-6.0) (Lab ID: 92528011004)
 - Bromomethane
- RI-SB-15 (0.5-1.0) (Lab ID: 92528011005)
 - Bromomethane
- RI-SB-15 (5.5-6.0) (Lab ID: 92528011006)
 - Bromomethane
- RI-SB-16 (5.5-6.0) (Lab ID: 92528011008)
 - Bromomethane
- RI-SB-17 (0.5-1.0) (Lab ID: 92528011009)
 - Bromomethane
- RI-SB-17 (5.5-6.0) (Lab ID: 92528011010)
 - Bromomethane
- RI-SB-18 (0.5-1.0) (Lab ID: 92528011011)
 - Bromomethane
- RI-SB-18 (5.5-6.0) (Lab ID: 92528011012)
 - Bromomethane

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3199767)
 - tert-Butylbenzene
- DUP (Lab ID: 3199769)
 - tert-Butylbenzene
- RI-SB-13 (0.5-1.0) (Lab ID: 92528011001)
 - tert-Butylbenzene
- RI-SB-13 (5.5-6.0) (Lab ID: 92528011002)
 - tert-Butylbenzene
- RI-SB-14 (0.5-1.0) (Lab ID: 92528011003)
 - tert-Butylbenzene
- RI-SB-14 (5.5-6.0) (Lab ID: 92528011004)
 - tert-Butylbenzene
- RI-SB-15 (0.5-1.0) (Lab ID: 92528011005)

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

QC Batch: 607356

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- tert-Butylbenzene
- RI-SB-15 (5.5-6.0) (Lab ID: 92528011006)
 - tert-Butylbenzene
- RI-SB-16 (5.5-6.0) (Lab ID: 92528011008)
 - tert-Butylbenzene
- RI-SB-17 (0.5-1.0) (Lab ID: 92528011009)
 - tert-Butylbenzene
- RI-SB-17 (5.5-6.0) (Lab ID: 92528011010)
 - tert-Butylbenzene
- RI-SB-18 (0.5-1.0) (Lab ID: 92528011011)
 - tert-Butylbenzene
- RI-SB-18 (5.5-6.0) (Lab ID: 92528011012)
 - tert-Butylbenzene

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3199768)
 - tert-Butylbenzene
- MS (Lab ID: 3200136)
 - tert-Butylbenzene

QC Batch: 607623

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3200879)
 - Bromomethane
- DUP (Lab ID: 3200881)
 - Bromomethane
- LCS (Lab ID: 3200880)
 - Bromomethane
- MS (Lab ID: 3200882)
 - Bromomethane
- RI-SB-16 (0.5-1.0) (Lab ID: 92528011007)
 - Bromomethane

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3200879)
 - tert-Butylbenzene
- DUP (Lab ID: 3200881)
 - tert-Butylbenzene
- LCS (Lab ID: 3200880)
 - tert-Butylbenzene
- MS (Lab ID: 3200882)
 - tert-Butylbenzene
- RI-SB-16 (0.5-1.0) (Lab ID: 92528011007)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: May 13, 2021

QC Batch: 607623

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- tert-Butylbenzene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 607356

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3199768)
- Bromomethane

QC Batch: 607623

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3200880)
- Bromomethane

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607623

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528353002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200882)
- Chloromethane

QC Batch: 608883

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528011018

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3206987)
- 1,2-Dibromoethane (EDB)

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

Additional Comments:

Analyte Comments:

QC Batch: 607356

C8: Result may be biased high due to carryover from previously analyzed sample.

- RI-SB-17 (0.5-1.0) (Lab ID: 92528011009)
- Naphthalene

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (0.5-1.0) Lab ID: 92528011001 Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	83-32-9	
Acenaphthylene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	208-96-8	
Aniline	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	62-53-3	
Anthracene	ND	ug/kg	381	125	1	03/17/21 16:29	03/18/21 08:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	127	1	03/17/21 16:29	03/18/21 08:42	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	132	1	03/17/21 16:29	03/18/21 08:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	127	1	03/17/21 16:29	03/18/21 08:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	148	1	03/17/21 16:29	03/18/21 08:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	207-08-9	
Benzoic Acid	ND	ug/kg	1910	819	1	03/17/21 16:29	03/18/21 08:42	65-85-0	
Benzyl alcohol	ND	ug/kg	762	289	1	03/17/21 16:29	03/18/21 08:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	161	1	03/17/21 16:29	03/18/21 08:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	762	268	1	03/17/21 16:29	03/18/21 08:42	59-50-7	
4-Chloroaniline	ND	ug/kg	762	299	1	03/17/21 16:29	03/18/21 08:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	158	1	03/17/21 16:29	03/18/21 08:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	111-44-4	
2-Chloronaphthalene	ND	ug/kg	381	151	1	03/17/21 16:29	03/18/21 08:42	91-58-7	
2-Chlorophenol	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	142	1	03/17/21 16:29	03/18/21 08:42	7005-72-3	
Chrysene	ND	ug/kg	381	139	1	03/17/21 16:29	03/18/21 08:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	53-70-3	
Dibenzofuran	ND	ug/kg	381	137	1	03/17/21 16:29	03/18/21 08:42	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	762	258	1	03/17/21 16:29	03/18/21 08:42	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	120-83-2	
Diethylphthalate	ND	ug/kg	381	140	1	03/17/21 16:29	03/18/21 08:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	158	1	03/17/21 16:29	03/18/21 08:42	105-67-9	
Dimethylphthalate	ND	ug/kg	381	139	1	03/17/21 16:29	03/18/21 08:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	128	1	03/17/21 16:29	03/18/21 08:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	762	356	1	03/17/21 16:29	03/18/21 08:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1180	1	03/17/21 16:29	03/18/21 08:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	147	1	03/17/21 16:29	03/18/21 08:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	140	1	03/17/21 16:29	03/18/21 08:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	150	1	03/17/21 16:29	03/18/21 08:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	148	1	03/17/21 16:29	03/18/21 08:42	117-81-7	
Fluoranthene	ND	ug/kg	381	131	1	03/17/21 16:29	03/18/21 08:42	206-44-0	
Fluorene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	86-73-7	
Hexachlorobenzene	ND	ug/kg	381	149	1	03/17/21 16:29	03/18/21 08:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	218	1	03/17/21 16:29	03/18/21 08:42	77-47-4	
Hexachloroethane	ND	ug/kg	381	146	1	03/17/21 16:29	03/18/21 08:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	150	1	03/17/21 16:29	03/18/21 08:42	193-39-5	
Isophorone	ND	ug/kg	381	170	1	03/17/21 16:29	03/18/21 08:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	381	134	1	03/17/21 16:29	03/18/21 08:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	381	152	1	03/17/21 16:29	03/18/21 08:42	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (0.5-1.0) **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	381	156	1	03/17/21 16:29	03/18/21 08:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	381	154	1	03/17/21 16:29	03/18/21 08:42	15831-10-4	
2-Nitroaniline	ND	ug/kg	1910	312	1	03/17/21 16:29	03/18/21 08:42	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	299	1	03/17/21 16:29	03/18/21 08:42	99-09-2	
4-Nitroaniline	ND	ug/kg	762	290	1	03/17/21 16:29	03/18/21 08:42	100-01-6	
Nitrobenzene	ND	ug/kg	381	177	1	03/17/21 16:29	03/18/21 08:42	98-95-3	
2-Nitrophenol	ND	ug/kg	381	165	1	03/17/21 16:29	03/18/21 08:42	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	737	1	03/17/21 16:29	03/18/21 08:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	381	128	1	03/17/21 16:29	03/18/21 08:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	143	1	03/17/21 16:29	03/18/21 08:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	135	1	03/17/21 16:29	03/18/21 08:42	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	381	181	1	03/17/21 16:29	03/18/21 08:42	108-60-1	
Pentachlorophenol	ND	ug/kg	762	373	1	03/17/21 16:29	03/18/21 08:42	87-86-5	
Phenanthrene	ND	ug/kg	381	125	1	03/17/21 16:29	03/18/21 08:42	85-01-8	
Phenol	ND	ug/kg	381	170	1	03/17/21 16:29	03/18/21 08:42	108-95-2	
Pyrene	ND	ug/kg	381	155	1	03/17/21 16:29	03/18/21 08:42	129-00-0	
Pyridine	ND	ug/kg	381	120	1	03/17/21 16:29	03/18/21 08:42	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	381	174	1	03/17/21 16:29	03/18/21 08:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	157	1	03/17/21 16:29	03/18/21 08:42	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/17/21 16:29	03/18/21 08:42	4165-60-0	
2-Fluorobiphenyl (S)	69	%	19-130		1	03/17/21 16:29	03/18/21 08:42	321-60-8	
Terphenyl-d14 (S)	107	%	15-130		1	03/17/21 16:29	03/18/21 08:42	1718-51-0	
Phenol-d6 (S)	72	%	18-130		1	03/17/21 16:29	03/18/21 08:42	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	03/17/21 16:29	03/18/21 08:42	367-12-4	
2,4,6-Tribromophenol (S)	84	%	18-130		1	03/17/21 16:29	03/18/21 08:42	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	125	40.2	1	03/17/21 16:07	03/17/21 17:19	67-64-1	
Benzene	ND	ug/kg	6.3	2.5	1	03/17/21 16:07	03/17/21 17:19	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	75-25-2	
Bromomethane	ND	ug/kg	12.5	9.9	1	03/17/21 16:07	03/17/21 17:19	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	125	30.1	1	03/17/21 16:07	03/17/21 17:19	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 17:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1.2	1	03/17/21 16:07	03/17/21 17:19	108-90-7	
Chloroethane	ND	ug/kg	12.5	4.8	1	03/17/21 16:07	03/17/21 17:19	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (0.5-1.0) **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	6.3	3.8	1	03/17/21 16:07	03/17/21 17:19	67-66-3	
Chloromethane	ND	ug/kg	12.5	5.3	1	03/17/21 16:07	03/17/21 17:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/17/21 16:07	03/17/21 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.5	1	03/17/21 16:07	03/17/21 17:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.3	1	03/17/21 16:07	03/17/21 17:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 17:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.5	2.7	1	03/17/21 16:07	03/17/21 17:19	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 17:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.1	1	03/17/21 16:07	03/17/21 17:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 17:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 17:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 17:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	2.9	1	03/17/21 16:07	03/17/21 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.5	10.2	1	03/17/21 16:07	03/17/21 17:19	87-68-3	IK
2-Hexanone	ND	ug/kg	62.6	6.0	1	03/17/21 16:07	03/17/21 17:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	3.1	1	03/17/21 16:07	03/17/21 17:19	99-87-6	
Methylene Chloride	ND	ug/kg	25.0	17.2	1	03/17/21 16:07	03/17/21 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.6	6.0	1	03/17/21 16:07	03/17/21 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 17:19	1634-04-4	
Naphthalene	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 17:19	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 17:19	103-65-1	
Styrene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 17:19	127-18-4	
Toluene	ND	ug/kg	6.3	1.8	1	03/17/21 16:07	03/17/21 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/17/21 16:07	03/17/21 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/17/21 16:07	03/17/21 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 17:19	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (0.5-1.0) **Lab ID: 92528011001** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	6.3	3.4	1	03/17/21 16:07	03/17/21 17:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/17/21 16:07	03/17/21 17:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 17:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 17:19	108-67-8	
Vinyl acetate	ND	ug/kg	62.6	4.6	1	03/17/21 16:07	03/17/21 17:19	108-05-4	
Vinyl chloride	ND	ug/kg	12.5	3.2	1	03/17/21 16:07	03/17/21 17:19	75-01-4	
Xylene (Total)	ND	ug/kg	12.5	3.6	1	03/17/21 16:07	03/17/21 17:19	1330-20-7	
m&p-Xylene	ND	ug/kg	12.5	4.3	1	03/17/21 16:07	03/17/21 17:19	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 17:19	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/17/21 16:07	03/17/21 17:19	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-134		1	03/17/21 16:07	03/17/21 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 17:19	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	14.3	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (5.5-6.0) **Lab ID:** 92528011002 Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	83-32-9	
Acenaphthylene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	208-96-8	
Aniline	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	62-53-3	
Anthracene	ND	ug/kg	557	182	1	03/17/21 16:29	03/18/21 09:44	120-12-7	
Benzo(a)anthracene	291J	ug/kg	557	186	1	03/17/21 16:29	03/18/21 09:44	56-55-3	
Benzo(a)pyrene	254J	ug/kg	557	192	1	03/17/21 16:29	03/18/21 09:44	50-32-8	
Benzo(b)fluoranthene	330J	ug/kg	557	186	1	03/17/21 16:29	03/18/21 09:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	557	216	1	03/17/21 16:29	03/18/21 09:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	207-08-9	
Benzoic Acid	ND	ug/kg	2790	1200	1	03/17/21 16:29	03/18/21 09:44	65-85-0	
Benzyl alcohol	ND	ug/kg	1110	422	1	03/17/21 16:29	03/18/21 09:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	101-55-3	
Butylbenzylphthalate	ND	ug/kg	557	235	1	03/17/21 16:29	03/18/21 09:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1110	392	1	03/17/21 16:29	03/18/21 09:44	59-50-7	
4-Chloroaniline	ND	ug/kg	1110	437	1	03/17/21 16:29	03/18/21 09:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	557	231	1	03/17/21 16:29	03/18/21 09:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	111-44-4	
2-Chloronaphthalene	ND	ug/kg	557	221	1	03/17/21 16:29	03/18/21 09:44	91-58-7	
2-Chlorophenol	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	557	208	1	03/17/21 16:29	03/18/21 09:44	7005-72-3	
Chrysene	271J	ug/kg	557	203	1	03/17/21 16:29	03/18/21 09:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	53-70-3	
Dibenzofuran	ND	ug/kg	557	201	1	03/17/21 16:29	03/18/21 09:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1110	376	1	03/17/21 16:29	03/18/21 09:44	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	120-83-2	
Diethylphthalate	ND	ug/kg	557	204	1	03/17/21 16:29	03/18/21 09:44	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	557	231	1	03/17/21 16:29	03/18/21 09:44	105-67-9	
Dimethylphthalate	ND	ug/kg	557	203	1	03/17/21 16:29	03/18/21 09:44	131-11-3	
Di-n-butylphthalate	ND	ug/kg	557	187	1	03/17/21 16:29	03/18/21 09:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1110	520	1	03/17/21 16:29	03/18/21 09:44	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2790	1720	1	03/17/21 16:29	03/18/21 09:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	557	214	1	03/17/21 16:29	03/18/21 09:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	557	204	1	03/17/21 16:29	03/18/21 09:44	606-20-2	
Di-n-octylphthalate	ND	ug/kg	557	219	1	03/17/21 16:29	03/18/21 09:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	557	216	1	03/17/21 16:29	03/18/21 09:44	117-81-7	
Fluoranthene	574	ug/kg	557	191	1	03/17/21 16:29	03/18/21 09:44	206-44-0	
Fluorene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	86-73-7	
Hexachlorobenzene	ND	ug/kg	557	218	1	03/17/21 16:29	03/18/21 09:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	557	319	1	03/17/21 16:29	03/18/21 09:44	77-47-4	
Hexachloroethane	ND	ug/kg	557	213	1	03/17/21 16:29	03/18/21 09:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	557	219	1	03/17/21 16:29	03/18/21 09:44	193-39-5	
Isophorone	ND	ug/kg	557	248	1	03/17/21 16:29	03/18/21 09:44	78-59-1	
1-Methylnaphthalene	ND	ug/kg	557	196	1	03/17/21 16:29	03/18/21 09:44	90-12-0	
2-Methylnaphthalene	ND	ug/kg	557	223	1	03/17/21 16:29	03/18/21 09:44	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (5.5-6.0) **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	557	228	1	03/17/21 16:29	03/18/21 09:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	557	224	1	03/17/21 16:29	03/18/21 09:44	15831-10-4	
2-Nitroaniline	ND	ug/kg	2790	456	1	03/17/21 16:29	03/18/21 09:44	88-74-4	
3-Nitroaniline	ND	ug/kg	2790	437	1	03/17/21 16:29	03/18/21 09:44	99-09-2	
4-Nitroaniline	ND	ug/kg	1110	424	1	03/17/21 16:29	03/18/21 09:44	100-01-6	
Nitrobenzene	ND	ug/kg	557	258	1	03/17/21 16:29	03/18/21 09:44	98-95-3	
2-Nitrophenol	ND	ug/kg	557	241	1	03/17/21 16:29	03/18/21 09:44	88-75-5	
4-Nitrophenol	ND	ug/kg	2790	1080	1	03/17/21 16:29	03/18/21 09:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	557	187	1	03/17/21 16:29	03/18/21 09:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	557	209	1	03/17/21 16:29	03/18/21 09:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	557	197	1	03/17/21 16:29	03/18/21 09:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	557	265	1	03/17/21 16:29	03/18/21 09:44	108-60-1	
Pentachlorophenol	ND	ug/kg	1110	545	1	03/17/21 16:29	03/18/21 09:44	87-86-5	
Phenanthrene	219J	ug/kg	557	182	1	03/17/21 16:29	03/18/21 09:44	85-01-8	
Phenol	ND	ug/kg	557	248	1	03/17/21 16:29	03/18/21 09:44	108-95-2	
Pyrene	556J	ug/kg	557	226	1	03/17/21 16:29	03/18/21 09:44	129-00-0	
Pyridine	ND	ug/kg	557	176	1	03/17/21 16:29	03/18/21 09:44	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	557	255	1	03/17/21 16:29	03/18/21 09:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	557	230	1	03/17/21 16:29	03/18/21 09:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/17/21 16:29	03/18/21 09:44	4165-60-0	
2-Fluorobiphenyl (S)	54	%	19-130		1	03/17/21 16:29	03/18/21 09:44	321-60-8	
Terphenyl-d14 (S)	96	%	15-130		1	03/17/21 16:29	03/18/21 09:44	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 09:44	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		1	03/17/21 16:29	03/18/21 09:44	367-12-4	
2,4,6-Tribromophenol (S)	84	%	18-130		1	03/17/21 16:29	03/18/21 09:44	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	139J	ug/kg	386	124	1	03/17/21 16:07	03/17/21 22:35	67-64-1	
Benzene	ND	ug/kg	19.3	7.7	1	03/17/21 16:07	03/17/21 22:35	71-43-2	
Bromobenzene	ND	ug/kg	19.3	6.3	1	03/17/21 16:07	03/17/21 22:35	108-86-1	
Bromochloromethane	ND	ug/kg	19.3	5.7	1	03/17/21 16:07	03/17/21 22:35	74-97-5	
Bromodichloromethane	ND	ug/kg	19.3	7.5	1	03/17/21 16:07	03/17/21 22:35	75-27-4	
Bromoform	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	75-25-2	
Bromomethane	ND	ug/kg	38.6	30.5	1	03/17/21 16:07	03/17/21 22:35	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	97.5J	ug/kg	386	92.7	1	03/17/21 16:07	03/17/21 22:35	78-93-3	
n-Butylbenzene	ND	ug/kg	19.3	9.1	1	03/17/21 16:07	03/17/21 22:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	19.3	6.9	1	03/17/21 16:07	03/17/21 22:35	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	19.3	7.2	1	03/17/21 16:07	03/17/21 22:35	56-23-5	
Chlorobenzene	11.9J	ug/kg	19.3	3.7	1	03/17/21 16:07	03/17/21 22:35	108-90-7	
Chloroethane	ND	ug/kg	38.6	14.9	1	03/17/21 16:07	03/17/21 22:35	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-13 (5.5-6.0) **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	19.3	11.7	1	03/17/21 16:07	03/17/21 22:35	67-66-3	
Chloromethane	ND	ug/kg	38.6	16.2	1	03/17/21 16:07	03/17/21 22:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	19.3	3.4	1	03/17/21 16:07	03/17/21 22:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	19.3	7.5	1	03/17/21 16:07	03/17/21 22:35	96-12-8	
Dibromochloromethane	ND	ug/kg	19.3	10.9	1	03/17/21 16:07	03/17/21 22:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	106-93-4	
Dibromomethane	ND	ug/kg	19.3	4.1	1	03/17/21 16:07	03/17/21 22:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	19.3	7.0	1	03/17/21 16:07	03/17/21 22:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	19.3	6.0	1	03/17/21 16:07	03/17/21 22:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	19.3	5.0	1	03/17/21 16:07	03/17/21 22:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	38.6	8.4	1	03/17/21 16:07	03/17/21 22:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	19.3	8.0	1	03/17/21 16:07	03/17/21 22:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	19.3	12.8	1	03/17/21 16:07	03/17/21 22:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	19.3	8.0	1	03/17/21 16:07	03/17/21 22:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	19.3	6.8	1	03/17/21 16:07	03/17/21 22:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	19.3	5.8	1	03/17/21 16:07	03/17/21 22:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	19.3	6.0	1	03/17/21 16:07	03/17/21 22:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	19.3	6.3	1	03/17/21 16:07	03/17/21 22:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	19.3	9.3	1	03/17/21 16:07	03/17/21 22:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	19.3	5.3	1	03/17/21 16:07	03/17/21 22:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	19.3	5.2	1	03/17/21 16:07	03/17/21 22:35	108-20-3	
Ethylbenzene	40.6	ug/kg	19.3	9.0	1	03/17/21 16:07	03/17/21 22:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	38.6	31.6	1	03/17/21 16:07	03/17/21 22:35	87-68-3	IK
2-Hexanone	ND	ug/kg	193	18.6	1	03/17/21 16:07	03/17/21 22:35	591-78-6	
Isopropylbenzene (Cumene)	95.2	ug/kg	19.3	6.6	1	03/17/21 16:07	03/17/21 22:35	98-82-8	
p-Isopropyltoluene	54.1	ug/kg	19.3	9.5	1	03/17/21 16:07	03/17/21 22:35	99-87-6	
Methylene Chloride	ND	ug/kg	77.3	52.9	1	03/17/21 16:07	03/17/21 22:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	193	18.6	1	03/17/21 16:07	03/17/21 22:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	19.3	7.2	1	03/17/21 16:07	03/17/21 22:35	1634-04-4	
Naphthalene	315	ug/kg	19.3	10.2	1	03/17/21 16:07	03/17/21 22:35	91-20-3	
n-Propylbenzene	ND	ug/kg	19.3	6.9	1	03/17/21 16:07	03/17/21 22:35	103-65-1	
Styrene	ND	ug/kg	19.3	5.1	1	03/17/21 16:07	03/17/21 22:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	19.3	7.4	1	03/17/21 16:07	03/17/21 22:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	19.3	5.1	1	03/17/21 16:07	03/17/21 22:35	79-34-5	
Tetrachloroethene	ND	ug/kg	19.3	6.1	1	03/17/21 16:07	03/17/21 22:35	127-18-4	
Toluene	32.5	ug/kg	19.3	5.5	1	03/17/21 16:07	03/17/21 22:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	19.3	15.6	1	03/17/21 16:07	03/17/21 22:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	19.3	16.2	1	03/17/21 16:07	03/17/21 22:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	19.3	10.0	1	03/17/21 16:07	03/17/21 22:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	19.3	6.4	1	03/17/21 16:07	03/17/21 22:35	79-00-5	
Trichloroethene	ND	ug/kg	19.3	5.0	1	03/17/21 16:07	03/17/21 22:35	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-13 (5.5-6.0) **Lab ID: 92528011002** Collected: 03/15/21 10:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	19.3	10.6	1	03/17/21 16:07	03/17/21 22:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	19.3	9.8	1	03/17/21 16:07	03/17/21 22:35	96-18-4	
1,2,4-Trimethylbenzene	66.7	ug/kg	19.3	5.3	1	03/17/21 16:07	03/17/21 22:35	95-63-6	
1,3,5-Trimethylbenzene	24.9	ug/kg	19.3	6.5	1	03/17/21 16:07	03/17/21 22:35	108-67-8	
Vinyl acetate	ND	ug/kg	193	14.1	1	03/17/21 16:07	03/17/21 22:35	108-05-4	
Vinyl chloride	ND	ug/kg	38.6	9.8	1	03/17/21 16:07	03/17/21 22:35	75-01-4	
Xylene (Total)	153	ug/kg	38.6	11.0	1	03/17/21 16:07	03/17/21 22:35	1330-20-7	
m&p-Xylene	90.6	ug/kg	38.6	13.2	1	03/17/21 16:07	03/17/21 22:35	179601-23-1	
o-Xylene	62.3	ug/kg	19.3	8.5	1	03/17/21 16:07	03/17/21 22:35	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 22:35	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 22:35	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 22:35	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	41.1	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (0.5-1.0) **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	83-32-9	
Acenaphthylene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	208-96-8	
Aniline	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	62-53-3	
Anthracene	ND	ug/kg	368	120	1	03/17/21 16:29	03/18/21 10:14	120-12-7	
Benzo(a)anthracene	ND	ug/kg	368	123	1	03/17/21 16:29	03/18/21 10:14	56-55-3	
Benzo(a)pyrene	ND	ug/kg	368	127	1	03/17/21 16:29	03/18/21 10:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	368	123	1	03/17/21 16:29	03/18/21 10:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	368	143	1	03/17/21 16:29	03/18/21 10:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	207-08-9	
Benzoic Acid	ND	ug/kg	1840	790	1	03/17/21 16:29	03/18/21 10:14	65-85-0	
Benzyl alcohol	ND	ug/kg	736	279	1	03/17/21 16:29	03/18/21 10:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	368	155	1	03/17/21 16:29	03/18/21 10:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	736	259	1	03/17/21 16:29	03/18/21 10:14	59-50-7	
4-Chloroaniline	ND	ug/kg	736	289	1	03/17/21 16:29	03/18/21 10:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	368	153	1	03/17/21 16:29	03/18/21 10:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	111-44-4	
2-Chloronaphthalene	ND	ug/kg	368	146	1	03/17/21 16:29	03/18/21 10:14	91-58-7	
2-Chlorophenol	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	368	137	1	03/17/21 16:29	03/18/21 10:14	7005-72-3	
Chrysene	ND	ug/kg	368	134	1	03/17/21 16:29	03/18/21 10:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	53-70-3	
Dibenzofuran	ND	ug/kg	368	133	1	03/17/21 16:29	03/18/21 10:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	736	249	1	03/17/21 16:29	03/18/21 10:14	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	120-83-2	
Diethylphthalate	ND	ug/kg	368	135	1	03/17/21 16:29	03/18/21 10:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	368	153	1	03/17/21 16:29	03/18/21 10:14	105-67-9	
Dimethylphthalate	ND	ug/kg	368	134	1	03/17/21 16:29	03/18/21 10:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	368	124	1	03/17/21 16:29	03/18/21 10:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	736	343	1	03/17/21 16:29	03/18/21 10:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1840	1140	1	03/17/21 16:29	03/18/21 10:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	368	142	1	03/17/21 16:29	03/18/21 10:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	368	135	1	03/17/21 16:29	03/18/21 10:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	368	145	1	03/17/21 16:29	03/18/21 10:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	368	143	1	03/17/21 16:29	03/18/21 10:14	117-81-7	
Fluoranthene	ND	ug/kg	368	126	1	03/17/21 16:29	03/18/21 10:14	206-44-0	
Fluorene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	86-73-7	
Hexachlorobenzene	ND	ug/kg	368	144	1	03/17/21 16:29	03/18/21 10:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	368	211	1	03/17/21 16:29	03/18/21 10:14	77-47-4	
Hexachloroethane	ND	ug/kg	368	140	1	03/17/21 16:29	03/18/21 10:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	368	145	1	03/17/21 16:29	03/18/21 10:14	193-39-5	
Isophorone	ND	ug/kg	368	164	1	03/17/21 16:29	03/18/21 10:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	368	129	1	03/17/21 16:29	03/18/21 10:14	90-12-0	
2-Methylnaphthalene	ND	ug/kg	368	147	1	03/17/21 16:29	03/18/21 10:14	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (0.5-1.0) **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	368	151	1	03/17/21 16:29	03/18/21 10:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	368	148	1	03/17/21 16:29	03/18/21 10:14	15831-10-4	
2-Nitroaniline	ND	ug/kg	1840	301	1	03/17/21 16:29	03/18/21 10:14	88-74-4	
3-Nitroaniline	ND	ug/kg	1840	289	1	03/17/21 16:29	03/18/21 10:14	99-09-2	
4-Nitroaniline	ND	ug/kg	736	280	1	03/17/21 16:29	03/18/21 10:14	100-01-6	
Nitrobenzene	ND	ug/kg	368	171	1	03/17/21 16:29	03/18/21 10:14	98-95-3	
2-Nitrophenol	ND	ug/kg	368	159	1	03/17/21 16:29	03/18/21 10:14	88-75-5	
4-Nitrophenol	ND	ug/kg	1840	711	1	03/17/21 16:29	03/18/21 10:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	368	124	1	03/17/21 16:29	03/18/21 10:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	368	138	1	03/17/21 16:29	03/18/21 10:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	368	130	1	03/17/21 16:29	03/18/21 10:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	368	175	1	03/17/21 16:29	03/18/21 10:14	108-60-1	
Pentachlorophenol	ND	ug/kg	736	360	1	03/17/21 16:29	03/18/21 10:14	87-86-5	
Phenanthrene	ND	ug/kg	368	120	1	03/17/21 16:29	03/18/21 10:14	85-01-8	
Phenol	ND	ug/kg	368	164	1	03/17/21 16:29	03/18/21 10:14	108-95-2	
Pyrene	ND	ug/kg	368	149	1	03/17/21 16:29	03/18/21 10:14	129-00-0	
Pyridine	ND	ug/kg	368	116	1	03/17/21 16:29	03/18/21 10:14	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	368	168	1	03/17/21 16:29	03/18/21 10:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	368	152	1	03/17/21 16:29	03/18/21 10:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	03/17/21 16:29	03/18/21 10:14	4165-60-0	
2-Fluorobiphenyl (S)	71	%	19-130		1	03/17/21 16:29	03/18/21 10:14	321-60-8	
Terphenyl-d14 (S)	101	%	15-130		1	03/17/21 16:29	03/18/21 10:14	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	03/17/21 16:29	03/18/21 10:14	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	03/17/21 16:29	03/18/21 10:14	367-12-4	
2,4,6-Tribromophenol (S)	57	%	18-130		1	03/17/21 16:29	03/18/21 10:14	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	139	44.7	1	03/17/21 16:07	03/17/21 17:54	67-64-1	
Benzene	ND	ug/kg	7.0	2.8	1	03/17/21 16:07	03/17/21 17:54	71-43-2	
Bromobenzene	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	108-86-1	
Bromochloromethane	ND	ug/kg	7.0	2.1	1	03/17/21 16:07	03/17/21 17:54	74-97-5	
Bromodichloromethane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	75-27-4	
Bromoform	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	75-25-2	
Bromomethane	ND	ug/kg	13.9	11.0	1	03/17/21 16:07	03/17/21 17:54	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	139	33.4	1	03/17/21 16:07	03/17/21 17:54	78-93-3	
n-Butylbenzene	ND	ug/kg	7.0	3.3	1	03/17/21 16:07	03/17/21 17:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	7.0	2.6	1	03/17/21 16:07	03/17/21 17:54	56-23-5	
Chlorobenzene	ND	ug/kg	7.0	1.3	1	03/17/21 16:07	03/17/21 17:54	108-90-7	
Chloroethane	ND	ug/kg	13.9	5.4	1	03/17/21 16:07	03/17/21 17:54	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (0.5-1.0) Lab ID: 92528011003 Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	7.0	4.2	1	03/17/21 16:07	03/17/21 17:54	67-66-3	
Chloromethane	ND	ug/kg	13.9	5.9	1	03/17/21 16:07	03/17/21 17:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.0	1.2	1	03/17/21 16:07	03/17/21 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	96-12-8	
Dibromochloromethane	ND	ug/kg	7.0	3.9	1	03/17/21 16:07	03/17/21 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	106-93-4	
Dibromomethane	ND	ug/kg	7.0	1.5	1	03/17/21 16:07	03/17/21 17:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.9	3.0	1	03/17/21 16:07	03/17/21 17:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.0	2.9	1	03/17/21 16:07	03/17/21 17:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.0	4.6	1	03/17/21 16:07	03/17/21 17:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.0	2.9	1	03/17/21 16:07	03/17/21 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.0	2.1	1	03/17/21 16:07	03/17/21 17:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.0	3.3	1	03/17/21 16:07	03/17/21 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	108-20-3	
Ethylbenzene	ND	ug/kg	7.0	3.2	1	03/17/21 16:07	03/17/21 17:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.9	11.4	1	03/17/21 16:07	03/17/21 17:54	87-68-3	IK
2-Hexanone	ND	ug/kg	69.6	6.7	1	03/17/21 16:07	03/17/21 17:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.0	2.4	1	03/17/21 16:07	03/17/21 17:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.0	3.4	1	03/17/21 16:07	03/17/21 17:54	99-87-6	
Methylene Chloride	ND	ug/kg	27.9	19.1	1	03/17/21 16:07	03/17/21 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	69.6	6.7	1	03/17/21 16:07	03/17/21 17:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.0	2.6	1	03/17/21 16:07	03/17/21 17:54	1634-04-4	
Naphthalene	29.7	ug/kg	7.0	3.7	1	03/17/21 16:07	03/17/21 17:54	91-20-3	
n-Propylbenzene	ND	ug/kg	7.0	2.5	1	03/17/21 16:07	03/17/21 17:54	103-65-1	
Styrene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.0	2.7	1	03/17/21 16:07	03/17/21 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	79-34-5	
Tetrachloroethene	ND	ug/kg	7.0	2.2	1	03/17/21 16:07	03/17/21 17:54	127-18-4	
Toluene	12.8	ug/kg	7.0	2.0	1	03/17/21 16:07	03/17/21 17:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.0	5.6	1	03/17/21 16:07	03/17/21 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.0	5.9	1	03/17/21 16:07	03/17/21 17:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.0	3.6	1	03/17/21 16:07	03/17/21 17:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	79-00-5	
Trichloroethene	ND	ug/kg	7.0	1.8	1	03/17/21 16:07	03/17/21 17:54	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (0.5-1.0) **Lab ID: 92528011003** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	7.0	3.8	1	03/17/21 16:07	03/17/21 17:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.0	3.5	1	03/17/21 16:07	03/17/21 17:54	96-18-4	
1,2,4-Trimethylbenzene	11.0	ug/kg	7.0	1.9	1	03/17/21 16:07	03/17/21 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.0	2.3	1	03/17/21 16:07	03/17/21 17:54	108-67-8	
Vinyl acetate	ND	ug/kg	69.6	5.1	1	03/17/21 16:07	03/17/21 17:54	108-05-4	
Vinyl chloride	ND	ug/kg	13.9	3.5	1	03/17/21 16:07	03/17/21 17:54	75-01-4	
Xylene (Total)	32.5	ug/kg	13.9	4.0	1	03/17/21 16:07	03/17/21 17:54	1330-20-7	
m&p-Xylene	20.5	ug/kg	13.9	4.8	1	03/17/21 16:07	03/17/21 17:54	179601-23-1	
o-Xylene	12.0	ug/kg	7.0	3.1	1	03/17/21 16:07	03/17/21 17:54	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 17:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 17:54	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 17:54	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	11.8	%	0.10	0.10	1		03/17/21 14:11		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (5.5-6.0) Lab ID: 92528011004 Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	83-32-9	
Acenaphthylene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	208-96-8	
Aniline	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	62-53-3	
Anthracene	ND	ug/kg	493	161	1	03/17/21 16:29	03/18/21 11:15	120-12-7	
Benzo(a)anthracene	269J	ug/kg	493	164	1	03/17/21 16:29	03/18/21 11:15	56-55-3	
Benzo(a)pyrene	231J	ug/kg	493	170	1	03/17/21 16:29	03/18/21 11:15	50-32-8	
Benzo(b)fluoranthene	333J	ug/kg	493	164	1	03/17/21 16:29	03/18/21 11:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	493	191	1	03/17/21 16:29	03/18/21 11:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	207-08-9	
Benzoic Acid	ND	ug/kg	2470	1060	1	03/17/21 16:29	03/18/21 11:15	65-85-0	
Benzyl alcohol	ND	ug/kg	986	374	1	03/17/21 16:29	03/18/21 11:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	493	208	1	03/17/21 16:29	03/18/21 11:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	986	347	1	03/17/21 16:29	03/18/21 11:15	59-50-7	
4-Chloroaniline	ND	ug/kg	986	387	1	03/17/21 16:29	03/18/21 11:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	493	205	1	03/17/21 16:29	03/18/21 11:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	111-44-4	
2-Chloronaphthalene	ND	ug/kg	493	196	1	03/17/21 16:29	03/18/21 11:15	91-58-7	
2-Chlorophenol	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	493	184	1	03/17/21 16:29	03/18/21 11:15	7005-72-3	
Chrysene	255J	ug/kg	493	179	1	03/17/21 16:29	03/18/21 11:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	53-70-3	
Dibenzofuran	ND	ug/kg	493	178	1	03/17/21 16:29	03/18/21 11:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	986	333	1	03/17/21 16:29	03/18/21 11:15	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	120-83-2	
Diethylphthalate	ND	ug/kg	493	181	1	03/17/21 16:29	03/18/21 11:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	493	205	1	03/17/21 16:29	03/18/21 11:15	105-67-9	
Dimethylphthalate	ND	ug/kg	493	179	1	03/17/21 16:29	03/18/21 11:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	493	166	1	03/17/21 16:29	03/18/21 11:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	986	460	1	03/17/21 16:29	03/18/21 11:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2470	1520	1	03/17/21 16:29	03/18/21 11:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	493	190	1	03/17/21 16:29	03/18/21 11:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	493	181	1	03/17/21 16:29	03/18/21 11:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	493	194	1	03/17/21 16:29	03/18/21 11:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	493	191	1	03/17/21 16:29	03/18/21 11:15	117-81-7	
Fluoranthene	598	ug/kg	493	169	1	03/17/21 16:29	03/18/21 11:15	206-44-0	
Fluorene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	86-73-7	
Hexachlorobenzene	ND	ug/kg	493	193	1	03/17/21 16:29	03/18/21 11:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	493	282	1	03/17/21 16:29	03/18/21 11:15	77-47-4	
Hexachloroethane	ND	ug/kg	493	188	1	03/17/21 16:29	03/18/21 11:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	493	194	1	03/17/21 16:29	03/18/21 11:15	193-39-5	
Isophorone	ND	ug/kg	493	220	1	03/17/21 16:29	03/18/21 11:15	78-59-1	
1-Methylnaphthalene	ND	ug/kg	493	173	1	03/17/21 16:29	03/18/21 11:15	90-12-0	
2-Methylnaphthalene	ND	ug/kg	493	197	1	03/17/21 16:29	03/18/21 11:15	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (5.5-6.0) **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	493	202	1	03/17/21 16:29	03/18/21 11:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	493	199	1	03/17/21 16:29	03/18/21 11:15	15831-10-4	
2-Nitroaniline	ND	ug/kg	2470	403	1	03/17/21 16:29	03/18/21 11:15	88-74-4	
3-Nitroaniline	ND	ug/kg	2470	387	1	03/17/21 16:29	03/18/21 11:15	99-09-2	
4-Nitroaniline	ND	ug/kg	986	375	1	03/17/21 16:29	03/18/21 11:15	100-01-6	
Nitrobenzene	ND	ug/kg	493	229	1	03/17/21 16:29	03/18/21 11:15	98-95-3	
2-Nitrophenol	ND	ug/kg	493	214	1	03/17/21 16:29	03/18/21 11:15	88-75-5	
4-Nitrophenol	ND	ug/kg	2470	953	1	03/17/21 16:29	03/18/21 11:15	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	493	166	1	03/17/21 16:29	03/18/21 11:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	493	185	1	03/17/21 16:29	03/18/21 11:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	493	175	1	03/17/21 16:29	03/18/21 11:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	493	235	1	03/17/21 16:29	03/18/21 11:15	108-60-1	
Pentachlorophenol	ND	ug/kg	986	483	1	03/17/21 16:29	03/18/21 11:15	87-86-5	
Phenanthrene	406J	ug/kg	493	161	1	03/17/21 16:29	03/18/21 11:15	85-01-8	
Phenol	ND	ug/kg	493	220	1	03/17/21 16:29	03/18/21 11:15	108-95-2	
Pyrene	505	ug/kg	493	200	1	03/17/21 16:29	03/18/21 11:15	129-00-0	
Pyridine	ND	ug/kg	493	155	1	03/17/21 16:29	03/18/21 11:15	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	493	226	1	03/17/21 16:29	03/18/21 11:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	493	203	1	03/17/21 16:29	03/18/21 11:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	53	%	21-130		1	03/17/21 16:29	03/18/21 11:15	4165-60-0	
2-Fluorobiphenyl (S)	43	%	19-130		1	03/17/21 16:29	03/18/21 11:15	321-60-8	
Terphenyl-d14 (S)	70	%	15-130		1	03/17/21 16:29	03/18/21 11:15	1718-51-0	
Phenol-d6 (S)	60	%	18-130		1	03/17/21 16:29	03/18/21 11:15	13127-88-3	
2-Fluorophenol (S)	56	%	18-130		1	03/17/21 16:29	03/18/21 11:15	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 11:15	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	164J	ug/kg	256	82.1	1	03/17/21 16:07	03/17/21 22:53	67-64-1	
Benzene	ND	ug/kg	12.8	5.1	1	03/17/21 16:07	03/17/21 22:53	71-43-2	
Bromobenzene	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	108-86-1	
Bromochloromethane	ND	ug/kg	12.8	3.8	1	03/17/21 16:07	03/17/21 22:53	74-97-5	
Bromodichloromethane	ND	ug/kg	12.8	4.9	1	03/17/21 16:07	03/17/21 22:53	75-27-4	
Bromoform	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	75-25-2	
Bromomethane	ND	ug/kg	25.6	20.2	1	03/17/21 16:07	03/17/21 22:53	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	81.0J	ug/kg	256	61.4	1	03/17/21 16:07	03/17/21 22:53	78-93-3	
n-Butylbenzene	ND	ug/kg	12.8	6.0	1	03/17/21 16:07	03/17/21 22:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	12.8	5.6	1	03/17/21 16:07	03/17/21 22:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	12.8	4.8	1	03/17/21 16:07	03/17/21 22:53	56-23-5	
Chlorobenzene	20.8	ug/kg	12.8	2.5	1	03/17/21 16:07	03/17/21 22:53	108-90-7	
Chloroethane	ND	ug/kg	25.6	9.9	1	03/17/21 16:07	03/17/21 22:53	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (5.5-6.0) **Lab ID: 92528011004** Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	12.8	7.8	1	03/17/21 16:07	03/17/21 22:53	67-66-3	
Chloromethane	ND	ug/kg	25.6	10.7	1	03/17/21 16:07	03/17/21 22:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	12.8	2.3	1	03/17/21 16:07	03/17/21 22:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	12.8	5.0	1	03/17/21 16:07	03/17/21 22:53	96-12-8	
Dibromochloromethane	ND	ug/kg	12.8	7.2	1	03/17/21 16:07	03/17/21 22:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	12.8	5.6	1	03/17/21 16:07	03/17/21 22:53	106-93-4	
Dibromomethane	ND	ug/kg	12.8	2.7	1	03/17/21 16:07	03/17/21 22:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	541-73-1	
1,4-Dichlorobenzene	6.5J	ug/kg	12.8	3.3	1	03/17/21 16:07	03/17/21 22:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	25.6	5.6	1	03/17/21 16:07	03/17/21 22:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	12.8	5.3	1	03/17/21 16:07	03/17/21 22:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	12.8	8.5	1	03/17/21 16:07	03/17/21 22:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	12.8	5.3	1	03/17/21 16:07	03/17/21 22:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	12.8	4.4	1	03/17/21 16:07	03/17/21 22:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	12.8	4.5	1	03/17/21 16:07	03/17/21 22:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	12.8	3.8	1	03/17/21 16:07	03/17/21 22:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	12.8	6.1	1	03/17/21 16:07	03/17/21 22:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	12.8	4.4	1	03/17/21 16:07	03/17/21 22:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	108-20-3	
Ethylbenzene	32.8	ug/kg	12.8	6.0	1	03/17/21 16:07	03/17/21 22:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	25.6	20.9	1	03/17/21 16:07	03/17/21 22:53	87-68-3	IK
2-Hexanone	ND	ug/kg	128	12.3	1	03/17/21 16:07	03/17/21 22:53	591-78-6	
Isopropylbenzene (Cumene)	97.8	ug/kg	12.8	4.3	1	03/17/21 16:07	03/17/21 22:53	98-82-8	
p-Isopropyltoluene	70.4	ug/kg	12.8	6.3	1	03/17/21 16:07	03/17/21 22:53	99-87-6	
Methylene Chloride	ND	ug/kg	51.2	35.0	1	03/17/21 16:07	03/17/21 22:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	128	12.3	1	03/17/21 16:07	03/17/21 22:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	12.8	4.8	1	03/17/21 16:07	03/17/21 22:53	1634-04-4	
Naphthalene	203	ug/kg	12.8	6.7	1	03/17/21 16:07	03/17/21 22:53	91-20-3	
n-Propylbenzene	ND	ug/kg	12.8	4.6	1	03/17/21 16:07	03/17/21 22:53	103-65-1	
Styrene	ND	ug/kg	12.8	3.4	1	03/17/21 16:07	03/17/21 22:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	12.8	4.9	1	03/17/21 16:07	03/17/21 22:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	12.8	3.4	1	03/17/21 16:07	03/17/21 22:53	79-34-5	
Tetrachloroethene	ND	ug/kg	12.8	4.0	1	03/17/21 16:07	03/17/21 22:53	127-18-4	
Toluene	20.0	ug/kg	12.8	3.6	1	03/17/21 16:07	03/17/21 22:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	12.8	10.3	1	03/17/21 16:07	03/17/21 22:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	12.8	10.7	1	03/17/21 16:07	03/17/21 22:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	12.8	6.7	1	03/17/21 16:07	03/17/21 22:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	12.8	4.2	1	03/17/21 16:07	03/17/21 22:53	79-00-5	
Trichloroethene	ND	ug/kg	12.8	3.3	1	03/17/21 16:07	03/17/21 22:53	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-14 (5.5-6.0) Lab ID: 92528011004 Collected: 03/15/21 10:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	12.8	7.0	1	03/17/21 16:07	03/17/21 22:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	12.8	6.5	1	03/17/21 16:07	03/17/21 22:53	96-18-4	
1,2,4-Trimethylbenzene	33.4	ug/kg	12.8	3.5	1	03/17/21 16:07	03/17/21 22:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	12.8	4.3	1	03/17/21 16:07	03/17/21 22:53	108-67-8	
Vinyl acetate	ND	ug/kg	128	9.3	1	03/17/21 16:07	03/17/21 22:53	108-05-4	
Vinyl chloride	ND	ug/kg	25.6	6.5	1	03/17/21 16:07	03/17/21 22:53	75-01-4	
Xylene (Total)	74.1	ug/kg	25.6	7.3	1	03/17/21 16:07	03/17/21 22:53	1330-20-7	
m&p-Xylene	43.7	ug/kg	25.6	8.7	1	03/17/21 16:07	03/17/21 22:53	179601-23-1	
o-Xylene	30.4	ug/kg	12.8	5.7	1	03/17/21 16:07	03/17/21 22:53	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 22:53	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 22:53	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1	03/17/21 16:07	03/17/21 22:53	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	33.1	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (0.5-1.0) **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	214J	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	83-32-9	
Acenaphthylene	169J	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	208-96-8	
Aniline	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	62-53-3	
Anthracene	376	ug/kg	372	122	1	03/17/21 16:29	03/18/21 11:46	120-12-7	
Benzo(a)anthracene	801	ug/kg	372	124	1	03/17/21 16:29	03/18/21 11:46	56-55-3	
Benzo(a)pyrene	693	ug/kg	372	128	1	03/17/21 16:29	03/18/21 11:46	50-32-8	
Benzo(b)fluoranthene	944	ug/kg	372	124	1	03/17/21 16:29	03/18/21 11:46	205-99-2	
Benzo(g,h,i)perylene	436	ug/kg	372	144	1	03/17/21 16:29	03/18/21 11:46	191-24-2	
Benzo(k)fluoranthene	398	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	207-08-9	
Benzoic Acid	ND	ug/kg	1860	799	1	03/17/21 16:29	03/18/21 11:46	65-85-0	
Benzyl alcohol	ND	ug/kg	744	282	1	03/17/21 16:29	03/18/21 11:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	101-55-3	
Butylbenzylphthalate	ND	ug/kg	372	157	1	03/17/21 16:29	03/18/21 11:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	744	261	1	03/17/21 16:29	03/18/21 11:46	59-50-7	
4-Chloroaniline	ND	ug/kg	744	292	1	03/17/21 16:29	03/18/21 11:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	372	154	1	03/17/21 16:29	03/18/21 11:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	111-44-4	
2-Chloronaphthalene	ND	ug/kg	372	148	1	03/17/21 16:29	03/18/21 11:46	91-58-7	
2-Chlorophenol	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	372	139	1	03/17/21 16:29	03/18/21 11:46	7005-72-3	
Chrysene	822	ug/kg	372	135	1	03/17/21 16:29	03/18/21 11:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	53-70-3	
Dibenzofuran	260J	ug/kg	372	134	1	03/17/21 16:29	03/18/21 11:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	744	251	1	03/17/21 16:29	03/18/21 11:46	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	120-83-2	
Diethylphthalate	ND	ug/kg	372	136	1	03/17/21 16:29	03/18/21 11:46	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	372	154	1	03/17/21 16:29	03/18/21 11:46	105-67-9	
Dimethylphthalate	ND	ug/kg	372	135	1	03/17/21 16:29	03/18/21 11:46	131-11-3	
Di-n-butylphthalate	ND	ug/kg	372	125	1	03/17/21 16:29	03/18/21 11:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	744	347	1	03/17/21 16:29	03/18/21 11:46	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1860	1150	1	03/17/21 16:29	03/18/21 11:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	372	143	1	03/17/21 16:29	03/18/21 11:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	372	136	1	03/17/21 16:29	03/18/21 11:46	606-20-2	
Di-n-octylphthalate	ND	ug/kg	372	147	1	03/17/21 16:29	03/18/21 11:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	372	144	1	03/17/21 16:29	03/18/21 11:46	117-81-7	
Fluoranthene	1370	ug/kg	372	127	1	03/17/21 16:29	03/18/21 11:46	206-44-0	
Fluorene	289J	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	86-73-7	
Hexachlorobenzene	ND	ug/kg	372	145	1	03/17/21 16:29	03/18/21 11:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	372	213	1	03/17/21 16:29	03/18/21 11:46	77-47-4	
Hexachloroethane	ND	ug/kg	372	142	1	03/17/21 16:29	03/18/21 11:46	67-72-1	
Indeno(1,2,3-cd)pyrene	370J	ug/kg	372	147	1	03/17/21 16:29	03/18/21 11:46	193-39-5	
Isophorone	ND	ug/kg	372	166	1	03/17/21 16:29	03/18/21 11:46	78-59-1	
1-Methylnaphthalene	458	ug/kg	372	131	1	03/17/21 16:29	03/18/21 11:46	90-12-0	
2-Methylnaphthalene	520	ug/kg	372	149	1	03/17/21 16:29	03/18/21 11:46	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (0.5-1.0) **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	372	152	1	03/17/21 16:29	03/18/21 11:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	372	150	1	03/17/21 16:29	03/18/21 11:46	15831-10-4	
2-Nitroaniline	ND	ug/kg	1860	304	1	03/17/21 16:29	03/18/21 11:46	88-74-4	
3-Nitroaniline	ND	ug/kg	1860	292	1	03/17/21 16:29	03/18/21 11:46	99-09-2	
4-Nitroaniline	ND	ug/kg	744	283	1	03/17/21 16:29	03/18/21 11:46	100-01-6	
Nitrobenzene	ND	ug/kg	372	172	1	03/17/21 16:29	03/18/21 11:46	98-95-3	
2-Nitrophenol	ND	ug/kg	372	161	1	03/17/21 16:29	03/18/21 11:46	88-75-5	
4-Nitrophenol	ND	ug/kg	1860	719	1	03/17/21 16:29	03/18/21 11:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	372	125	1	03/17/21 16:29	03/18/21 11:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	372	140	1	03/17/21 16:29	03/18/21 11:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	372	132	1	03/17/21 16:29	03/18/21 11:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	372	177	1	03/17/21 16:29	03/18/21 11:46	108-60-1	
Pentachlorophenol	ND	ug/kg	744	364	1	03/17/21 16:29	03/18/21 11:46	87-86-5	
Phenanthrene	1470	ug/kg	372	122	1	03/17/21 16:29	03/18/21 11:46	85-01-8	
Phenol	ND	ug/kg	372	166	1	03/17/21 16:29	03/18/21 11:46	108-95-2	
Pyrene	1400	ug/kg	372	151	1	03/17/21 16:29	03/18/21 11:46	129-00-0	
Pyridine	ND	ug/kg	372	117	1	03/17/21 16:29	03/18/21 11:46	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	372	170	1	03/17/21 16:29	03/18/21 11:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	372	153	1	03/17/21 16:29	03/18/21 11:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	72	%	21-130		1	03/17/21 16:29	03/18/21 11:46	4165-60-0	
2-Fluorobiphenyl (S)	71	%	19-130		1	03/17/21 16:29	03/18/21 11:46	321-60-8	
Terphenyl-d14 (S)	102	%	15-130		1	03/17/21 16:29	03/18/21 11:46	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 11:46	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	03/17/21 16:29	03/18/21 11:46	367-12-4	
2,4,6-Tribromophenol (S)	77	%	18-130		1	03/17/21 16:29	03/18/21 11:46	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	125	40.3	1	03/17/21 16:07	03/17/21 18:11	67-64-1	
Benzene	41.8	ug/kg	6.3	2.5	1	03/17/21 16:07	03/17/21 18:11	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	75-25-2	
Bromomethane	ND	ug/kg	12.5	9.9	1	03/17/21 16:07	03/17/21 18:11	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	125	30.1	1	03/17/21 16:07	03/17/21 18:11	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 18:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	56-23-5	
Chlorobenzene	7.0	ug/kg	6.3	1.2	1	03/17/21 16:07	03/17/21 18:11	108-90-7	
Chloroethane	ND	ug/kg	12.5	4.8	1	03/17/21 16:07	03/17/21 18:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (0.5-1.0) **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	6.3	3.8	1	03/17/21 16:07	03/17/21 18:11	67-66-3	
Chloromethane	ND	ug/kg	12.5	5.3	1	03/17/21 16:07	03/17/21 18:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/17/21 16:07	03/17/21 18:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.5	1	03/17/21 16:07	03/17/21 18:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.3	1	03/17/21 16:07	03/17/21 18:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 18:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.5	2.7	1	03/17/21 16:07	03/17/21 18:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 18:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.2	1	03/17/21 16:07	03/17/21 18:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/17/21 16:07	03/17/21 18:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/17/21 16:07	03/17/21 18:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/17/21 16:07	03/17/21 18:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	108-20-3	
Ethylbenzene	23.4	ug/kg	6.3	2.9	1	03/17/21 16:07	03/17/21 18:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.5	10.3	1	03/17/21 16:07	03/17/21 18:11	87-68-3	IK
2-Hexanone	ND	ug/kg	62.7	6.0	1	03/17/21 16:07	03/17/21 18:11	591-78-6	
Isopropylbenzene (Cumene)	5.7J	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	98-82-8	
p-Isopropyltoluene	9.6	ug/kg	6.3	3.1	1	03/17/21 16:07	03/17/21 18:11	99-87-6	
Methylene Chloride	ND	ug/kg	25.1	17.2	1	03/17/21 16:07	03/17/21 18:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.7	6.0	1	03/17/21 16:07	03/17/21 18:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.3	1	03/17/21 16:07	03/17/21 18:11	1634-04-4	
Naphthalene	372	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 18:11	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.2	1	03/17/21 16:07	03/17/21 18:11	103-65-1	
Styrene	3.8J	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/17/21 16:07	03/17/21 18:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/17/21 16:07	03/17/21 18:11	127-18-4	
Toluene	64.6	ug/kg	6.3	1.8	1	03/17/21 16:07	03/17/21 18:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/17/21 16:07	03/17/21 18:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/17/21 16:07	03/17/21 18:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/17/21 16:07	03/17/21 18:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/17/21 16:07	03/17/21 18:11	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (0.5-1.0) **Lab ID: 92528011005** Collected: 03/15/21 11:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	6.3	3.4	1	03/17/21 16:07	03/17/21 18:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/17/21 16:07	03/17/21 18:11	96-18-4	
1,2,4-Trimethylbenzene	19.2	ug/kg	6.3	1.7	1	03/17/21 16:07	03/17/21 18:11	95-63-6	
1,3,5-Trimethylbenzene	6.8	ug/kg	6.3	2.1	1	03/17/21 16:07	03/17/21 18:11	108-67-8	
Vinyl acetate	ND	ug/kg	62.7	4.6	1	03/17/21 16:07	03/17/21 18:11	108-05-4	
Vinyl chloride	ND	ug/kg	12.5	3.2	1	03/17/21 16:07	03/17/21 18:11	75-01-4	
Xylene (Total)	70.4	ug/kg	12.5	3.6	1	03/17/21 16:07	03/17/21 18:11	1330-20-7	
m&p-Xylene	49.8	ug/kg	12.5	4.3	1	03/17/21 16:07	03/17/21 18:11	179601-23-1	
o-Xylene	20.6	ug/kg	6.3	2.8	1	03/17/21 16:07	03/17/21 18:11	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 18:11	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/17/21 16:07	03/17/21 18:11	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 18:11	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	11.9	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (5.5-6.0) **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	269J	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	83-32-9	
Acenaphthylene	185J	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	208-96-8	
Aniline	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	62-53-3	
Anthracene	716	ug/kg	517	169	1	03/17/21 16:29	03/18/21 12:47	120-12-7	
Benzo(a)anthracene	1640	ug/kg	517	172	1	03/17/21 16:29	03/18/21 12:47	56-55-3	
Benzo(a)pyrene	1440	ug/kg	517	179	1	03/17/21 16:29	03/18/21 12:47	50-32-8	
Benzo(b)fluoranthene	2020	ug/kg	517	172	1	03/17/21 16:29	03/18/21 12:47	205-99-2	
Benzo(g,h,i)perylene	975	ug/kg	517	201	1	03/17/21 16:29	03/18/21 12:47	191-24-2	
Benzo(k)fluoranthene	791	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	03/17/21 16:29	03/18/21 12:47	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	392	1	03/17/21 16:29	03/18/21 12:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	101-55-3	
Butylbenzylphthalate	ND	ug/kg	517	218	1	03/17/21 16:29	03/18/21 12:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	03/17/21 16:29	03/18/21 12:47	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	406	1	03/17/21 16:29	03/18/21 12:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	517	215	1	03/17/21 16:29	03/18/21 12:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	111-44-4	
2-Chloronaphthalene	ND	ug/kg	517	205	1	03/17/21 16:29	03/18/21 12:47	91-58-7	
2-Chlorophenol	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	517	193	1	03/17/21 16:29	03/18/21 12:47	7005-72-3	
Chrysene	1530	ug/kg	517	188	1	03/17/21 16:29	03/18/21 12:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	53-70-3	
Dibenzofuran	ND	ug/kg	517	186	1	03/17/21 16:29	03/18/21 12:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	03/17/21 16:29	03/18/21 12:47	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	120-83-2	
Diethylphthalate	ND	ug/kg	517	190	1	03/17/21 16:29	03/18/21 12:47	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	517	215	1	03/17/21 16:29	03/18/21 12:47	105-67-9	
Dimethylphthalate	ND	ug/kg	517	188	1	03/17/21 16:29	03/18/21 12:47	131-11-3	
Di-n-butylphthalate	ND	ug/kg	517	174	1	03/17/21 16:29	03/18/21 12:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	03/17/21 16:29	03/18/21 12:47	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	03/17/21 16:29	03/18/21 12:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	517	199	1	03/17/21 16:29	03/18/21 12:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	517	190	1	03/17/21 16:29	03/18/21 12:47	606-20-2	
Di-n-octylphthalate	ND	ug/kg	517	204	1	03/17/21 16:29	03/18/21 12:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	517	201	1	03/17/21 16:29	03/18/21 12:47	117-81-7	
Fluoranthene	3920	ug/kg	517	177	1	03/17/21 16:29	03/18/21 12:47	206-44-0	
Fluorene	329J	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	86-73-7	
Hexachlorobenzene	ND	ug/kg	517	202	1	03/17/21 16:29	03/18/21 12:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	517	296	1	03/17/21 16:29	03/18/21 12:47	77-47-4	
Hexachloroethane	ND	ug/kg	517	197	1	03/17/21 16:29	03/18/21 12:47	67-72-1	
Indeno(1,2,3-cd)pyrene	800	ug/kg	517	204	1	03/17/21 16:29	03/18/21 12:47	193-39-5	
Isophorone	ND	ug/kg	517	230	1	03/17/21 16:29	03/18/21 12:47	78-59-1	
1-Methylnaphthalene	ND	ug/kg	517	182	1	03/17/21 16:29	03/18/21 12:47	90-12-0	
2-Methylnaphthalene	ND	ug/kg	517	207	1	03/17/21 16:29	03/18/21 12:47	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (5.5-6.0) **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	517	211	1	03/17/21 16:29	03/18/21 12:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	517	208	1	03/17/21 16:29	03/18/21 12:47	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	423	1	03/17/21 16:29	03/18/21 12:47	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	406	1	03/17/21 16:29	03/18/21 12:47	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	03/17/21 16:29	03/18/21 12:47	100-01-6	
Nitrobenzene	ND	ug/kg	517	240	1	03/17/21 16:29	03/18/21 12:47	98-95-3	
2-Nitrophenol	ND	ug/kg	517	224	1	03/17/21 16:29	03/18/21 12:47	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	999	1	03/17/21 16:29	03/18/21 12:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	517	174	1	03/17/21 16:29	03/18/21 12:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	517	194	1	03/17/21 16:29	03/18/21 12:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	517	183	1	03/17/21 16:29	03/18/21 12:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	517	246	1	03/17/21 16:29	03/18/21 12:47	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	506	1	03/17/21 16:29	03/18/21 12:47	87-86-5	
Phenanthrene	2730	ug/kg	517	169	1	03/17/21 16:29	03/18/21 12:47	85-01-8	
Phenol	ND	ug/kg	517	230	1	03/17/21 16:29	03/18/21 12:47	108-95-2	
Pyrene	3540	ug/kg	517	210	1	03/17/21 16:29	03/18/21 12:47	129-00-0	
Pyridine	ND	ug/kg	517	163	1	03/17/21 16:29	03/18/21 12:47	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	517	237	1	03/17/21 16:29	03/18/21 12:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	517	213	1	03/17/21 16:29	03/18/21 12:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	52	%	21-130		1	03/17/21 16:29	03/18/21 12:47	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	03/17/21 16:29	03/18/21 12:47	321-60-8	
Terphenyl-d14 (S)	66	%	15-130		1	03/17/21 16:29	03/18/21 12:47	1718-51-0	
Phenol-d6 (S)	50	%	18-130		1	03/17/21 16:29	03/18/21 12:47	13127-88-3	
2-Fluorophenol (S)	48	%	18-130		1	03/17/21 16:29	03/18/21 12:47	367-12-4	
2,4,6-Tribromophenol (S)	62	%	18-130		1	03/17/21 16:29	03/18/21 12:47	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	199	64.0	1	03/17/21 16:07	03/17/21 18:29	67-64-1	
Benzene	ND	ug/kg	10	4.0	1	03/17/21 16:07	03/17/21 18:29	71-43-2	
Bromobenzene	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	108-86-1	
Bromochloromethane	ND	ug/kg	10	3.0	1	03/17/21 16:07	03/17/21 18:29	74-97-5	
Bromodichloromethane	ND	ug/kg	10	3.9	1	03/17/21 16:07	03/17/21 18:29	75-27-4	
Bromoform	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	75-25-2	
Bromomethane	ND	ug/kg	19.9	15.8	1	03/17/21 16:07	03/17/21 18:29	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	199	47.9	1	03/17/21 16:07	03/17/21 18:29	78-93-3	
n-Butylbenzene	ND	ug/kg	10	4.7	1	03/17/21 16:07	03/17/21 18:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	10	3.7	1	03/17/21 16:07	03/17/21 18:29	56-23-5	
Chlorobenzene	6.8J	ug/kg	10	1.9	1	03/17/21 16:07	03/17/21 18:29	108-90-7	
Chloroethane	ND	ug/kg	19.9	7.7	1	03/17/21 16:07	03/17/21 18:29	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (5.5-6.0) Lab ID: 92528011006 Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	10	6.1	1	03/17/21 16:07	03/17/21 18:29	67-66-3	
Chloromethane	ND	ug/kg	19.9	8.4	1	03/17/21 16:07	03/17/21 18:29	74-87-3	
2-Chlorotoluene	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	10	1.8	1	03/17/21 16:07	03/17/21 18:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10	3.9	1	03/17/21 16:07	03/17/21 18:29	96-12-8	
Dibromochloromethane	ND	ug/kg	10	5.6	1	03/17/21 16:07	03/17/21 18:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	106-93-4	
Dibromomethane	ND	ug/kg	10	2.1	1	03/17/21 16:07	03/17/21 18:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10	3.1	1	03/17/21 16:07	03/17/21 18:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	19.9	4.3	1	03/17/21 16:07	03/17/21 18:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10	4.1	1	03/17/21 16:07	03/17/21 18:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10	6.6	1	03/17/21 16:07	03/17/21 18:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10	4.1	1	03/17/21 16:07	03/17/21 18:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10	3.5	1	03/17/21 16:07	03/17/21 18:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10	3.0	1	03/17/21 16:07	03/17/21 18:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10	3.1	1	03/17/21 16:07	03/17/21 18:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10	4.8	1	03/17/21 16:07	03/17/21 18:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	108-20-3	
Ethylbenzene	ND	ug/kg	10	4.6	1	03/17/21 16:07	03/17/21 18:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	19.9	16.3	1	03/17/21 16:07	03/17/21 18:29	87-68-3	IK
2-Hexanone	ND	ug/kg	99.7	9.6	1	03/17/21 16:07	03/17/21 18:29	591-78-6	
Isopropylbenzene (Cumene)	20.6	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	98-82-8	
p-Isopropyltoluene	34.3	ug/kg	10	4.9	1	03/17/21 16:07	03/17/21 18:29	99-87-6	
Methylene Chloride	ND	ug/kg	39.9	27.3	1	03/17/21 16:07	03/17/21 18:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	99.7	9.6	1	03/17/21 16:07	03/17/21 18:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10	3.7	1	03/17/21 16:07	03/17/21 18:29	1634-04-4	
Naphthalene	60.0	ug/kg	10	5.2	1	03/17/21 16:07	03/17/21 18:29	91-20-3	
n-Propylbenzene	ND	ug/kg	10	3.6	1	03/17/21 16:07	03/17/21 18:29	103-65-1	
Styrene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10	3.8	1	03/17/21 16:07	03/17/21 18:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	79-34-5	
Tetrachloroethene	ND	ug/kg	10	3.2	1	03/17/21 16:07	03/17/21 18:29	127-18-4	
Toluene	5.1J	ug/kg	10	2.8	1	03/17/21 16:07	03/17/21 18:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10	8.1	1	03/17/21 16:07	03/17/21 18:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10	8.4	1	03/17/21 16:07	03/17/21 18:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10	5.2	1	03/17/21 16:07	03/17/21 18:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10	3.3	1	03/17/21 16:07	03/17/21 18:29	79-00-5	
Trichloroethene	ND	ug/kg	10	2.6	1	03/17/21 16:07	03/17/21 18:29	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-15 (5.5-6.0) **Lab ID: 92528011006** Collected: 03/15/21 11:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	10	5.5	1	03/17/21 16:07	03/17/21 18:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10	5.0	1	03/17/21 16:07	03/17/21 18:29	96-18-4	
1,2,4-Trimethylbenzene	13.0	ug/kg	10	2.7	1	03/17/21 16:07	03/17/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	10	3.4	1	03/17/21 16:07	03/17/21 18:29	108-67-8	
Vinyl acetate	ND	ug/kg	99.7	7.3	1	03/17/21 16:07	03/17/21 18:29	108-05-4	
Vinyl chloride	ND	ug/kg	19.9	5.1	1	03/17/21 16:07	03/17/21 18:29	75-01-4	
Xylene (Total)	15.7J	ug/kg	19.9	5.7	1	03/17/21 16:07	03/17/21 18:29	1330-20-7	
m&p-Xylene	15.7J	ug/kg	19.9	6.8	1	03/17/21 16:07	03/17/21 18:29	179601-23-1	
o-Xylene	ND	ug/kg	10	4.4	1	03/17/21 16:07	03/17/21 18:29	95-47-6	
Surrogates									
Toluene-d8 (S)	98	%	70-130		1	03/17/21 16:07	03/17/21 18:29	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 18:29	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1	03/17/21 16:07	03/17/21 18:29	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	36.8	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (0.5-1.0) **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	83-32-9	
Acenaphthylene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	208-96-8	
Aniline	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	62-53-3	
Anthracene	ND	ug/kg	389	127	1	03/17/21 16:29	03/18/21 13:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	389	130	1	03/17/21 16:29	03/18/21 13:19	56-55-3	
Benzo(a)pyrene	ND	ug/kg	389	134	1	03/17/21 16:29	03/18/21 13:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	389	130	1	03/17/21 16:29	03/18/21 13:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	389	151	1	03/17/21 16:29	03/18/21 13:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	207-08-9	
Benzoic Acid	ND	ug/kg	1940	835	1	03/17/21 16:29	03/18/21 13:19	65-85-0	
Benzyl alcohol	ND	ug/kg	777	294	1	03/17/21 16:29	03/18/21 13:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	389	164	1	03/17/21 16:29	03/18/21 13:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	777	273	1	03/17/21 16:29	03/18/21 13:19	59-50-7	
4-Chloroaniline	ND	ug/kg	777	305	1	03/17/21 16:29	03/18/21 13:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	389	161	1	03/17/21 16:29	03/18/21 13:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	111-44-4	
2-Chloronaphthalene	ND	ug/kg	389	154	1	03/17/21 16:29	03/18/21 13:19	91-58-7	
2-Chlorophenol	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	389	145	1	03/17/21 16:29	03/18/21 13:19	7005-72-3	
Chrysene	ND	ug/kg	389	141	1	03/17/21 16:29	03/18/21 13:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	53-70-3	
Dibenzofuran	ND	ug/kg	389	140	1	03/17/21 16:29	03/18/21 13:19	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	777	263	1	03/17/21 16:29	03/18/21 13:19	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	120-83-2	
Diethylphthalate	ND	ug/kg	389	143	1	03/17/21 16:29	03/18/21 13:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	389	161	1	03/17/21 16:29	03/18/21 13:19	105-67-9	
Dimethylphthalate	ND	ug/kg	389	141	1	03/17/21 16:29	03/18/21 13:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	389	131	1	03/17/21 16:29	03/18/21 13:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	777	363	1	03/17/21 16:29	03/18/21 13:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1200	1	03/17/21 16:29	03/18/21 13:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	389	150	1	03/17/21 16:29	03/18/21 13:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	389	143	1	03/17/21 16:29	03/18/21 13:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	389	153	1	03/17/21 16:29	03/18/21 13:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	389	151	1	03/17/21 16:29	03/18/21 13:19	117-81-7	
Fluoranthene	ND	ug/kg	389	133	1	03/17/21 16:29	03/18/21 13:19	206-44-0	
Fluorene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	86-73-7	
Hexachlorobenzene	ND	ug/kg	389	152	1	03/17/21 16:29	03/18/21 13:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	389	223	1	03/17/21 16:29	03/18/21 13:19	77-47-4	
Hexachloroethane	ND	ug/kg	389	148	1	03/17/21 16:29	03/18/21 13:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	389	153	1	03/17/21 16:29	03/18/21 13:19	193-39-5	
Isophorone	ND	ug/kg	389	173	1	03/17/21 16:29	03/18/21 13:19	78-59-1	
1-Methylnaphthalene	ND	ug/kg	389	137	1	03/17/21 16:29	03/18/21 13:19	90-12-0	
2-Methylnaphthalene	ND	ug/kg	389	155	1	03/17/21 16:29	03/18/21 13:19	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (0.5-1.0) **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	389	159	1	03/17/21 16:29	03/18/21 13:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	389	157	1	03/17/21 16:29	03/18/21 13:19	15831-10-4	
2-Nitroaniline	ND	ug/kg	1940	318	1	03/17/21 16:29	03/18/21 13:19	88-74-4	
3-Nitroaniline	ND	ug/kg	1940	305	1	03/17/21 16:29	03/18/21 13:19	99-09-2	
4-Nitroaniline	ND	ug/kg	777	296	1	03/17/21 16:29	03/18/21 13:19	100-01-6	
Nitrobenzene	ND	ug/kg	389	180	1	03/17/21 16:29	03/18/21 13:19	98-95-3	
2-Nitrophenol	ND	ug/kg	389	168	1	03/17/21 16:29	03/18/21 13:19	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	751	1	03/17/21 16:29	03/18/21 13:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	389	131	1	03/17/21 16:29	03/18/21 13:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	389	146	1	03/17/21 16:29	03/18/21 13:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	389	138	1	03/17/21 16:29	03/18/21 13:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	389	185	1	03/17/21 16:29	03/18/21 13:19	108-60-1	
Pentachlorophenol	ND	ug/kg	777	380	1	03/17/21 16:29	03/18/21 13:19	87-86-5	
Phenanthrene	ND	ug/kg	389	127	1	03/17/21 16:29	03/18/21 13:19	85-01-8	
Phenol	ND	ug/kg	389	173	1	03/17/21 16:29	03/18/21 13:19	108-95-2	
Pyrene	ND	ug/kg	389	158	1	03/17/21 16:29	03/18/21 13:19	129-00-0	
Pyridine	ND	ug/kg	389	122	1	03/17/21 16:29	03/18/21 13:19	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	389	178	1	03/17/21 16:29	03/18/21 13:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	389	160	1	03/17/21 16:29	03/18/21 13:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	03/17/21 16:29	03/18/21 13:19	4165-60-0	
2-Fluorobiphenyl (S)	68	%	19-130		1	03/17/21 16:29	03/18/21 13:19	321-60-8	
Terphenyl-d14 (S)	98	%	15-130		1	03/17/21 16:29	03/18/21 13:19	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 13:19	13127-88-3	
2-Fluorophenol (S)	65	%	18-130		1	03/17/21 16:29	03/18/21 13:19	367-12-4	
2,4,6-Tribromophenol (S)	81	%	18-130		1	03/17/21 16:29	03/18/21 13:19	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	124	39.8	1	03/18/21 12:56	03/19/21 00:27	67-64-1	
Benzene	ND	ug/kg	6.2	2.5	1	03/18/21 12:56	03/19/21 00:27	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	03/18/21 12:56	03/19/21 00:27	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	03/18/21 12:56	03/19/21 00:27	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	03/18/21 12:56	03/19/21 00:27	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	03/18/21 12:56	03/19/21 00:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	03/18/21 12:56	03/19/21 00:27	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	03/18/21 12:56	03/19/21 00:27	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	03/18/21 12:56	03/19/21 00:27	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (0.5-1.0) **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	6.2	3.8	1	03/18/21 12:56	03/19/21 00:27	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	03/18/21 12:56	03/19/21 00:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	03/18/21 12:56	03/19/21 00:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	03/18/21 12:56	03/19/21 00:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	03/18/21 12:56	03/19/21 00:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	03/18/21 12:56	03/19/21 00:27	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.6	1	03/18/21 12:56	03/19/21 00:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	03/18/21 12:56	03/19/21 00:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.6	1	03/18/21 12:56	03/19/21 00:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	03/18/21 12:56	03/19/21 00:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	03/18/21 12:56	03/19/21 00:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	108-20-3	
Ethylbenzene	ND	ug/kg	6.2	2.9	1	03/18/21 12:56	03/19/21 00:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	03/18/21 12:56	03/19/21 00:27	87-68-3	IK
2-Hexanone	ND	ug/kg	61.9	6.0	1	03/18/21 12:56	03/19/21 00:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	03/18/21 12:56	03/19/21 00:27	99-87-6	
Methylene Chloride	ND	ug/kg	24.8	17.0	1	03/18/21 12:56	03/19/21 00:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.9	6.0	1	03/18/21 12:56	03/19/21 00:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	03/18/21 12:56	03/19/21 00:27	1634-04-4	
Naphthalene	7.8	ug/kg	6.2	3.3	1	03/18/21 12:56	03/19/21 00:27	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	03/18/21 12:56	03/19/21 00:27	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	03/18/21 12:56	03/19/21 00:27	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	03/18/21 12:56	03/19/21 00:27	127-18-4	
Toluene	9.7	ug/kg	6.2	1.8	1	03/18/21 12:56	03/19/21 00:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	03/18/21 12:56	03/19/21 00:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	03/18/21 12:56	03/19/21 00:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	03/18/21 12:56	03/19/21 00:27	71-55-6	
1,1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	03/18/21 12:56	03/19/21 00:27	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (0.5-1.0) **Lab ID: 92528011007** Collected: 03/15/21 11:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	03/18/21 12:56	03/19/21 00:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	03/18/21 12:56	03/19/21 00:27	96-18-4	
1,2,4-Trimethylbenzene	3.4J	ug/kg	6.2	1.7	1	03/18/21 12:56	03/19/21 00:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.2	2.1	1	03/18/21 12:56	03/19/21 00:27	108-67-8	
Vinyl acetate	ND	ug/kg	61.9	4.5	1	03/18/21 12:56	03/19/21 00:27	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	03/18/21 12:56	03/19/21 00:27	75-01-4	
Xylene (Total)	10.5J	ug/kg	12.4	3.5	1	03/18/21 12:56	03/19/21 00:27	1330-20-7	
m&p-Xylene	10.5J	ug/kg	12.4	4.2	1	03/18/21 12:56	03/19/21 00:27	179601-23-1	
o-Xylene	ND	ug/kg	6.2	2.7	1	03/18/21 12:56	03/19/21 00:27	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/18/21 12:56	03/19/21 00:27	2037-26-5	
4-Bromofluorobenzene (S)	91	%	69-134		1	03/18/21 12:56	03/19/21 00:27	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/18/21 12:56	03/19/21 00:27	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	14.2	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (5.5-6.0) **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	7710	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	83-32-9	E
Acenaphthylene	ND	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	208-96-8	
Aniline	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	62-53-3	
Anthracene	17300	ug/kg	10300	3380	20	03/17/21 16:29	03/18/21 22:41	120-12-7	
Benzo(a)anthracene	23800	ug/kg	10300	3440	20	03/17/21 16:29	03/18/21 22:41	56-55-3	
Benzo(a)pyrene	15900	ug/kg	10300	3570	20	03/17/21 16:29	03/18/21 22:41	50-32-8	
Benzo(b)fluoranthene	21300	ug/kg	10300	3440	20	03/17/21 16:29	03/18/21 22:41	205-99-2	
Benzo(g,h,i)perylene	9630	ug/kg	516	200	1	03/17/21 16:29	03/18/21 13:49	191-24-2	
Benzo(k)fluoranthene	8160	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	207-08-9	
Benzoic Acid	ND	ug/kg	2580	1110	1	03/17/21 16:29	03/18/21 13:49	65-85-0	
Benzyl alcohol	ND	ug/kg	1030	391	1	03/17/21 16:29	03/18/21 13:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	516	217	1	03/17/21 16:29	03/18/21 13:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	1030	363	1	03/17/21 16:29	03/18/21 13:49	59-50-7	
4-Chloroaniline	ND	ug/kg	1030	405	1	03/17/21 16:29	03/18/21 13:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	516	214	1	03/17/21 16:29	03/18/21 13:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	111-44-4	
2-Chloronaphthalene	ND	ug/kg	516	205	1	03/17/21 16:29	03/18/21 13:49	91-58-7	
2-Chlorophenol	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	516	192	1	03/17/21 16:29	03/18/21 13:49	7005-72-3	
Chrysene	23000	ug/kg	10300	3760	20	03/17/21 16:29	03/18/21 22:41	218-01-9	
Dibenz(a,h)anthracene	2920	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	53-70-3	
Dibenzofuran	4160	ug/kg	516	186	1	03/17/21 16:29	03/18/21 13:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	1030	349	1	03/17/21 16:29	03/18/21 13:49	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	120-83-2	
Diethylphthalate	ND	ug/kg	516	189	1	03/17/21 16:29	03/18/21 13:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	516	214	1	03/17/21 16:29	03/18/21 13:49	105-67-9	
Dimethylphthalate	ND	ug/kg	516	188	1	03/17/21 16:29	03/18/21 13:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	516	174	1	03/17/21 16:29	03/18/21 13:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	1030	482	1	03/17/21 16:29	03/18/21 13:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2580	1600	1	03/17/21 16:29	03/18/21 13:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	516	199	1	03/17/21 16:29	03/18/21 13:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	516	189	1	03/17/21 16:29	03/18/21 13:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	516	203	1	03/17/21 16:29	03/18/21 13:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	516	200	1	03/17/21 16:29	03/18/21 13:49	117-81-7	
Fluoranthene	58500	ug/kg	10300	3540	20	03/17/21 16:29	03/18/21 22:41	206-44-0	
Fluorene	10200	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	86-73-7	E
Hexachlorobenzene	ND	ug/kg	516	202	1	03/17/21 16:29	03/18/21 13:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	516	296	1	03/17/21 16:29	03/18/21 13:49	77-47-4	
Hexachloroethane	ND	ug/kg	516	197	1	03/17/21 16:29	03/18/21 13:49	67-72-1	
Indeno(1,2,3-cd)pyrene	9200	ug/kg	516	203	1	03/17/21 16:29	03/18/21 13:49	193-39-5	
Isophorone	ND	ug/kg	516	230	1	03/17/21 16:29	03/18/21 13:49	78-59-1	
1-Methylnaphthalene	1490	ug/kg	516	181	1	03/17/21 16:29	03/18/21 13:49	90-12-0	
2-Methylnaphthalene	695	ug/kg	516	207	1	03/17/21 16:29	03/18/21 13:49	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (5.5-6.0) **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	516	211	1	03/17/21 16:29	03/18/21 13:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	516	208	1	03/17/21 16:29	03/18/21 13:49	15831-10-4	
2-Nitroaniline	ND	ug/kg	2580	422	1	03/17/21 16:29	03/18/21 13:49	88-74-4	
3-Nitroaniline	ND	ug/kg	2580	405	1	03/17/21 16:29	03/18/21 13:49	99-09-2	
4-Nitroaniline	ND	ug/kg	1030	393	1	03/17/21 16:29	03/18/21 13:49	100-01-6	
Nitrobenzene	ND	ug/kg	516	239	1	03/17/21 16:29	03/18/21 13:49	98-95-3	
2-Nitrophenol	ND	ug/kg	516	224	1	03/17/21 16:29	03/18/21 13:49	88-75-5	
4-Nitrophenol	ND	ug/kg	2580	998	1	03/17/21 16:29	03/18/21 13:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	516	174	1	03/17/21 16:29	03/18/21 13:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	516	194	1	03/17/21 16:29	03/18/21 13:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	516	183	1	03/17/21 16:29	03/18/21 13:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	516	246	1	03/17/21 16:29	03/18/21 13:49	108-60-1	
Pentachlorophenol	ND	ug/kg	1030	505	1	03/17/21 16:29	03/18/21 13:49	87-86-5	
Phenanthrene	55400	ug/kg	10300	3380	20	03/17/21 16:29	03/18/21 22:41	85-01-8	
Phenol	ND	ug/kg	516	230	1	03/17/21 16:29	03/18/21 13:49	108-95-2	
Pyrene	48100	ug/kg	10300	4190	20	03/17/21 16:29	03/18/21 22:41	129-00-0	
Pyridine	ND	ug/kg	516	163	1	03/17/21 16:29	03/18/21 13:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	516	236	1	03/17/21 16:29	03/18/21 13:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	516	213	1	03/17/21 16:29	03/18/21 13:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	42	%	21-130		1	03/17/21 16:29	03/18/21 13:49	4165-60-0	
2-Fluorobiphenyl (S)	38	%	19-130		1	03/17/21 16:29	03/18/21 13:49	321-60-8	
Terphenyl-d14 (S)	53	%	15-130		1	03/17/21 16:29	03/18/21 13:49	1718-51-0	
Phenol-d6 (S)	42	%	18-130		1	03/17/21 16:29	03/18/21 13:49	13127-88-3	
2-Fluorophenol (S)	41	%	18-130		1	03/17/21 16:29	03/18/21 13:49	367-12-4	
2,4,6-Tribromophenol (S)	55	%	18-130		1	03/17/21 16:29	03/18/21 13:49	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	83.5J	ug/kg	215	68.9	1	03/17/21 16:07	03/17/21 23:11	67-64-1	
Benzene	ND	ug/kg	10.7	4.3	1	03/17/21 16:07	03/17/21 23:11	71-43-2	
Bromobenzene	ND	ug/kg	10.7	3.5	1	03/17/21 16:07	03/17/21 23:11	108-86-1	
Bromochloromethane	ND	ug/kg	10.7	3.2	1	03/17/21 16:07	03/17/21 23:11	74-97-5	
Bromodichloromethane	ND	ug/kg	10.7	4.1	1	03/17/21 16:07	03/17/21 23:11	75-27-4	
Bromoform	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	75-25-2	
Bromomethane	ND	ug/kg	21.5	17.0	1	03/17/21 16:07	03/17/21 23:11	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	74.6J	ug/kg	215	51.5	1	03/17/21 16:07	03/17/21 23:11	78-93-3	
n-Butylbenzene	ND	ug/kg	10.7	5.1	1	03/17/21 16:07	03/17/21 23:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	10.7	4.0	1	03/17/21 16:07	03/17/21 23:11	56-23-5	
Chlorobenzene	40.2	ug/kg	10.7	2.1	1	03/17/21 16:07	03/17/21 23:11	108-90-7	
Chloroethane	ND	ug/kg	21.5	8.3	1	03/17/21 16:07	03/17/21 23:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (5.5-6.0) **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	10.7	6.5	1	03/17/21 16:07	03/17/21 23:11	67-66-3	
Chloromethane	ND	ug/kg	21.5	9.0	1	03/17/21 16:07	03/17/21 23:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	10.7	1.9	1	03/17/21 16:07	03/17/21 23:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	10.7	4.2	1	03/17/21 16:07	03/17/21 23:11	96-12-8	
Dibromochloromethane	ND	ug/kg	10.7	6.0	1	03/17/21 16:07	03/17/21 23:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	106-93-4	
Dibromomethane	ND	ug/kg	10.7	2.3	1	03/17/21 16:07	03/17/21 23:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	10.7	3.9	1	03/17/21 16:07	03/17/21 23:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	10.7	3.3	1	03/17/21 16:07	03/17/21 23:11	541-73-1	
1,4-Dichlorobenzene	12.2	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	21.5	4.7	1	03/17/21 16:07	03/17/21 23:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	10.7	4.4	1	03/17/21 16:07	03/17/21 23:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	10.7	7.1	1	03/17/21 16:07	03/17/21 23:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	10.7	4.4	1	03/17/21 16:07	03/17/21 23:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	10.7	3.2	1	03/17/21 16:07	03/17/21 23:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	10.7	3.3	1	03/17/21 16:07	03/17/21 23:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	10.7	3.5	1	03/17/21 16:07	03/17/21 23:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	10.7	5.2	1	03/17/21 16:07	03/17/21 23:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	108-20-3	
Ethylbenzene	10.8	ug/kg	10.7	5.0	1	03/17/21 16:07	03/17/21 23:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	21.5	17.6	1	03/17/21 16:07	03/17/21 23:11	87-68-3	IK
2-Hexanone	ND	ug/kg	107	10.4	1	03/17/21 16:07	03/17/21 23:11	591-78-6	
Isopropylbenzene (Cumene)	173	ug/kg	10.7	3.7	1	03/17/21 16:07	03/17/21 23:11	98-82-8	
p-Isopropyltoluene	56.9	ug/kg	10.7	5.3	1	03/17/21 16:07	03/17/21 23:11	99-87-6	
Methylene Chloride	ND	ug/kg	42.9	29.4	1	03/17/21 16:07	03/17/21 23:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	107	10.4	1	03/17/21 16:07	03/17/21 23:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	10.7	4.0	1	03/17/21 16:07	03/17/21 23:11	1634-04-4	
Naphthalene	1410	ug/kg	10.7	5.6	1	03/17/21 16:07	03/17/21 23:11	91-20-3	
n-Propylbenzene	ND	ug/kg	10.7	3.8	1	03/17/21 16:07	03/17/21 23:11	103-65-1	
Styrene	5.8J	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	10.7	4.1	1	03/17/21 16:07	03/17/21 23:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	79-34-5	
Tetrachloroethene	ND	ug/kg	10.7	3.4	1	03/17/21 16:07	03/17/21 23:11	127-18-4	
Toluene	17.2	ug/kg	10.7	3.0	1	03/17/21 16:07	03/17/21 23:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	10.7	8.7	1	03/17/21 16:07	03/17/21 23:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	10.7	9.0	1	03/17/21 16:07	03/17/21 23:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	10.7	5.6	1	03/17/21 16:07	03/17/21 23:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	10.7	3.6	1	03/17/21 16:07	03/17/21 23:11	79-00-5	
Trichloroethene	ND	ug/kg	10.7	2.8	1	03/17/21 16:07	03/17/21 23:11	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-16 (5.5-6.0) **Lab ID: 92528011008** Collected: 03/15/21 11:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	10.7	5.9	1	03/17/21 16:07	03/17/21 23:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	10.7	5.4	1	03/17/21 16:07	03/17/21 23:11	96-18-4	
1,2,4-Trimethylbenzene	107	ug/kg	10.7	2.9	1	03/17/21 16:07	03/17/21 23:11	95-63-6	
1,3,5-Trimethylbenzene	43.0	ug/kg	10.7	3.6	1	03/17/21 16:07	03/17/21 23:11	108-67-8	
Vinyl acetate	ND	ug/kg	107	7.8	1	03/17/21 16:07	03/17/21 23:11	108-05-4	
Vinyl chloride	ND	ug/kg	21.5	5.5	1	03/17/21 16:07	03/17/21 23:11	75-01-4	
Xylene (Total)	131	ug/kg	21.5	6.1	1	03/17/21 16:07	03/17/21 23:11	1330-20-7	
m&p-Xylene	69.5	ug/kg	21.5	7.3	1	03/17/21 16:07	03/17/21 23:11	179601-23-1	
o-Xylene	61.1	ug/kg	10.7	4.7	1	03/17/21 16:07	03/17/21 23:11	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/17/21 16:07	03/17/21 23:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 23:11	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 23:11	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	35.9	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17 (0.5-1.0) **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	83-32-9	
Acenaphthylene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	208-96-8	
Aniline	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	62-53-3	
Anthracene	ND	ug/kg	414	136	1	03/17/21 16:29	03/18/21 14:20	120-12-7	
Benzo(a)anthracene	ND	ug/kg	414	138	1	03/17/21 16:29	03/18/21 14:20	56-55-3	
Benzo(a)pyrene	ND	ug/kg	414	143	1	03/17/21 16:29	03/18/21 14:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	414	138	1	03/17/21 16:29	03/18/21 14:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	414	161	1	03/17/21 16:29	03/18/21 14:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	207-08-9	
Benzoic Acid	ND	ug/kg	2070	890	1	03/17/21 16:29	03/18/21 14:20	65-85-0	
Benzyl alcohol	ND	ug/kg	828	314	1	03/17/21 16:29	03/18/21 14:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	101-55-3	
Butylbenzylphthalate	ND	ug/kg	414	174	1	03/17/21 16:29	03/18/21 14:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	828	291	1	03/17/21 16:29	03/18/21 14:20	59-50-7	
4-Chloroaniline	ND	ug/kg	828	325	1	03/17/21 16:29	03/18/21 14:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	414	172	1	03/17/21 16:29	03/18/21 14:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	111-44-4	
2-Chloronaphthalene	ND	ug/kg	414	164	1	03/17/21 16:29	03/18/21 14:20	91-58-7	
2-Chlorophenol	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	414	154	1	03/17/21 16:29	03/18/21 14:20	7005-72-3	
Chrysene	ND	ug/kg	414	151	1	03/17/21 16:29	03/18/21 14:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	53-70-3	
Dibenzofuran	ND	ug/kg	414	149	1	03/17/21 16:29	03/18/21 14:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	828	280	1	03/17/21 16:29	03/18/21 14:20	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	120-83-2	
Diethylphthalate	ND	ug/kg	414	152	1	03/17/21 16:29	03/18/21 14:20	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	414	172	1	03/17/21 16:29	03/18/21 14:20	105-67-9	
Dimethylphthalate	ND	ug/kg	414	151	1	03/17/21 16:29	03/18/21 14:20	131-11-3	
Di-n-butylphthalate	ND	ug/kg	414	139	1	03/17/21 16:29	03/18/21 14:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	828	387	1	03/17/21 16:29	03/18/21 14:20	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2070	1280	1	03/17/21 16:29	03/18/21 14:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	414	159	1	03/17/21 16:29	03/18/21 14:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	414	152	1	03/17/21 16:29	03/18/21 14:20	606-20-2	
Di-n-octylphthalate	ND	ug/kg	414	163	1	03/17/21 16:29	03/18/21 14:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	414	161	1	03/17/21 16:29	03/18/21 14:20	117-81-7	
Fluoranthene	ND	ug/kg	414	142	1	03/17/21 16:29	03/18/21 14:20	206-44-0	
Fluorene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	86-73-7	
Hexachlorobenzene	ND	ug/kg	414	162	1	03/17/21 16:29	03/18/21 14:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	414	237	1	03/17/21 16:29	03/18/21 14:20	77-47-4	
Hexachloroethane	ND	ug/kg	414	158	1	03/17/21 16:29	03/18/21 14:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	414	163	1	03/17/21 16:29	03/18/21 14:20	193-39-5	
Isophorone	ND	ug/kg	414	185	1	03/17/21 16:29	03/18/21 14:20	78-59-1	
1-Methylnaphthalene	ND	ug/kg	414	146	1	03/17/21 16:29	03/18/21 14:20	90-12-0	
2-Methylnaphthalene	ND	ug/kg	414	166	1	03/17/21 16:29	03/18/21 14:20	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (0.5-1.0) **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	414	169	1	03/17/21 16:29	03/18/21 14:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	414	167	1	03/17/21 16:29	03/18/21 14:20	15831-10-4	
2-Nitroaniline	ND	ug/kg	2070	339	1	03/17/21 16:29	03/18/21 14:20	88-74-4	
3-Nitroaniline	ND	ug/kg	2070	325	1	03/17/21 16:29	03/18/21 14:20	99-09-2	
4-Nitroaniline	ND	ug/kg	828	315	1	03/17/21 16:29	03/18/21 14:20	100-01-6	
Nitrobenzene	ND	ug/kg	414	192	1	03/17/21 16:29	03/18/21 14:20	98-95-3	
2-Nitrophenol	ND	ug/kg	414	179	1	03/17/21 16:29	03/18/21 14:20	88-75-5	
4-Nitrophenol	ND	ug/kg	2070	801	1	03/17/21 16:29	03/18/21 14:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	414	139	1	03/17/21 16:29	03/18/21 14:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	414	156	1	03/17/21 16:29	03/18/21 14:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	414	147	1	03/17/21 16:29	03/18/21 14:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	414	197	1	03/17/21 16:29	03/18/21 14:20	108-60-1	
Pentachlorophenol	ND	ug/kg	828	405	1	03/17/21 16:29	03/18/21 14:20	87-86-5	
Phenanthrene	ND	ug/kg	414	136	1	03/17/21 16:29	03/18/21 14:20	85-01-8	
Phenol	ND	ug/kg	414	185	1	03/17/21 16:29	03/18/21 14:20	108-95-2	
Pyrene	ND	ug/kg	414	168	1	03/17/21 16:29	03/18/21 14:20	129-00-0	
Pyridine	ND	ug/kg	414	131	1	03/17/21 16:29	03/18/21 14:20	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	414	190	1	03/17/21 16:29	03/18/21 14:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	414	171	1	03/17/21 16:29	03/18/21 14:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	21-130		1	03/17/21 16:29	03/18/21 14:20	4165-60-0	
2-Fluorobiphenyl (S)	66	%	19-130		1	03/17/21 16:29	03/18/21 14:20	321-60-8	
Terphenyl-d14 (S)	81	%	15-130		1	03/17/21 16:29	03/18/21 14:20	1718-51-0	
Phenol-d6 (S)	77	%	18-130		1	03/17/21 16:29	03/18/21 14:20	13127-88-3	
2-Fluorophenol (S)	70	%	18-130		1	03/17/21 16:29	03/18/21 14:20	367-12-4	
2,4,6-Tribromophenol (S)	64	%	18-130		1	03/17/21 16:29	03/18/21 14:20	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	174	56.0	1	03/17/21 16:07	03/17/21 19:04	67-64-1	
Benzene	ND	ug/kg	8.7	3.5	1	03/17/21 16:07	03/17/21 19:04	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	03/17/21 16:07	03/17/21 19:04	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.4	1	03/17/21 16:07	03/17/21 19:04	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	75-25-2	
Bromomethane	ND	ug/kg	17.4	13.8	1	03/17/21 16:07	03/17/21 19:04	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	174	41.9	1	03/17/21 16:07	03/17/21 19:04	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	03/17/21 16:07	03/17/21 19:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	03/17/21 16:07	03/17/21 19:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	03/17/21 16:07	03/17/21 19:04	108-90-7	
Chloroethane	ND	ug/kg	17.4	6.7	1	03/17/21 16:07	03/17/21 19:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (0.5-1.0) **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	8.7	5.3	1	03/17/21 16:07	03/17/21 19:04	67-66-3	
Chloromethane	ND	ug/kg	17.4	7.3	1	03/17/21 16:07	03/17/21 19:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	03/17/21 16:07	03/17/21 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	03/17/21 16:07	03/17/21 19:04	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	03/17/21 16:07	03/17/21 19:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	03/17/21 16:07	03/17/21 19:04	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	03/17/21 16:07	03/17/21 19:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	03/17/21 16:07	03/17/21 19:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.4	3.8	1	03/17/21 16:07	03/17/21 19:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	03/17/21 16:07	03/17/21 19:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.8	1	03/17/21 16:07	03/17/21 19:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	03/17/21 16:07	03/17/21 19:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	03/17/21 16:07	03/17/21 19:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	03/17/21 16:07	03/17/21 19:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	03/17/21 16:07	03/17/21 19:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.1	1	03/17/21 16:07	03/17/21 19:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.4	14.3	1	03/17/21 16:07	03/17/21 19:04	87-68-3	IK
2-Hexanone	ND	ug/kg	87.2	8.4	1	03/17/21 16:07	03/17/21 19:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	3.0	1	03/17/21 16:07	03/17/21 19:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.7	4.3	1	03/17/21 16:07	03/17/21 19:04	99-87-6	
Methylene Chloride	ND	ug/kg	34.9	23.9	1	03/17/21 16:07	03/17/21 19:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	87.2	8.4	1	03/17/21 16:07	03/17/21 19:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	1634-04-4	
Naphthalene	8.0J	ug/kg	8.7	4.6	1	03/17/21 16:07	03/17/21 19:04	91-20-3	C8
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	03/17/21 16:07	03/17/21 19:04	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	03/17/21 16:07	03/17/21 19:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	03/17/21 16:07	03/17/21 19:04	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.8	1	03/17/21 16:07	03/17/21 19:04	127-18-4	
Toluene	12.7	ug/kg	8.7	2.5	1	03/17/21 16:07	03/17/21 19:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	03/17/21 16:07	03/17/21 19:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	03/17/21 16:07	03/17/21 19:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	03/17/21 16:07	03/17/21 19:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	03/17/21 16:07	03/17/21 19:04	79-00-5	
Trichloroethene	ND	ug/kg	8.7	2.2	1	03/17/21 16:07	03/17/21 19:04	79-01-6	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (0.5-1.0) **Lab ID: 92528011009** Collected: 03/15/21 13:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	03/17/21 16:07	03/17/21 19:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	03/17/21 16:07	03/17/21 19:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.7	2.4	1	03/17/21 16:07	03/17/21 19:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	03/17/21 16:07	03/17/21 19:04	108-67-8	
Vinyl acetate	ND	ug/kg	87.2	6.3	1	03/17/21 16:07	03/17/21 19:04	108-05-4	
Vinyl chloride	ND	ug/kg	17.4	4.4	1	03/17/21 16:07	03/17/21 19:04	75-01-4	
Xylene (Total)	11.4J	ug/kg	17.4	5.0	1	03/17/21 16:07	03/17/21 19:04	1330-20-7	
m&p-Xylene	11.4J	ug/kg	17.4	6.0	1	03/17/21 16:07	03/17/21 19:04	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.9	1	03/17/21 16:07	03/17/21 19:04	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/17/21 16:07	03/17/21 19:04	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 19:04	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 19:04	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	20.1	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-17 (5.5-6.0) Lab ID: 92528011010 Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	83-32-9	
Acenaphthylene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	208-96-8	
Aniline	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	62-53-3	
Anthracene	ND	ug/kg	423	138	1	03/17/21 16:29	03/18/21 14:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	423	141	1	03/17/21 16:29	03/18/21 14:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	423	146	1	03/17/21 16:29	03/18/21 14:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	423	141	1	03/17/21 16:29	03/18/21 14:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	423	164	1	03/17/21 16:29	03/18/21 14:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	207-08-9	
Benzoic Acid	ND	ug/kg	2120	909	1	03/17/21 16:29	03/18/21 14:51	65-85-0	
Benzyl alcohol	ND	ug/kg	846	321	1	03/17/21 16:29	03/18/21 14:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	423	178	1	03/17/21 16:29	03/18/21 14:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	846	297	1	03/17/21 16:29	03/18/21 14:51	59-50-7	
4-Chloroaniline	ND	ug/kg	846	332	1	03/17/21 16:29	03/18/21 14:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	423	176	1	03/17/21 16:29	03/18/21 14:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	111-44-4	
2-Chloronaphthalene	ND	ug/kg	423	168	1	03/17/21 16:29	03/18/21 14:51	91-58-7	
2-Chlorophenol	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	423	158	1	03/17/21 16:29	03/18/21 14:51	7005-72-3	
Chrysene	ND	ug/kg	423	154	1	03/17/21 16:29	03/18/21 14:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	53-70-3	
Dibenzofuran	ND	ug/kg	423	153	1	03/17/21 16:29	03/18/21 14:51	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	846	286	1	03/17/21 16:29	03/18/21 14:51	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	120-83-2	
Diethylphthalate	ND	ug/kg	423	155	1	03/17/21 16:29	03/18/21 14:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	423	176	1	03/17/21 16:29	03/18/21 14:51	105-67-9	
Dimethylphthalate	ND	ug/kg	423	154	1	03/17/21 16:29	03/18/21 14:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	423	142	1	03/17/21 16:29	03/18/21 14:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	846	395	1	03/17/21 16:29	03/18/21 14:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2120	1310	1	03/17/21 16:29	03/18/21 14:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	423	163	1	03/17/21 16:29	03/18/21 14:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	423	155	1	03/17/21 16:29	03/18/21 14:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	423	167	1	03/17/21 16:29	03/18/21 14:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	423	164	1	03/17/21 16:29	03/18/21 14:51	117-81-7	
Fluoranthene	ND	ug/kg	423	145	1	03/17/21 16:29	03/18/21 14:51	206-44-0	
Fluorene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	86-73-7	
Hexachlorobenzene	ND	ug/kg	423	165	1	03/17/21 16:29	03/18/21 14:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	423	242	1	03/17/21 16:29	03/18/21 14:51	77-47-4	
Hexachloroethane	ND	ug/kg	423	162	1	03/17/21 16:29	03/18/21 14:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	423	167	1	03/17/21 16:29	03/18/21 14:51	193-39-5	
Isophorone	ND	ug/kg	423	188	1	03/17/21 16:29	03/18/21 14:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	423	149	1	03/17/21 16:29	03/18/21 14:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	423	169	1	03/17/21 16:29	03/18/21 14:51	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (5.5-6.0) Lab ID: 92528011010 Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	423	173	1	03/17/21 16:29	03/18/21 14:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	423	171	1	03/17/21 16:29	03/18/21 14:51	15831-10-4	
2-Nitroaniline	ND	ug/kg	2120	346	1	03/17/21 16:29	03/18/21 14:51	88-74-4	
3-Nitroaniline	ND	ug/kg	2120	332	1	03/17/21 16:29	03/18/21 14:51	99-09-2	
4-Nitroaniline	ND	ug/kg	846	322	1	03/17/21 16:29	03/18/21 14:51	100-01-6	
Nitrobenzene	ND	ug/kg	423	196	1	03/17/21 16:29	03/18/21 14:51	98-95-3	
2-Nitrophenol	ND	ug/kg	423	183	1	03/17/21 16:29	03/18/21 14:51	88-75-5	
4-Nitrophenol	ND	ug/kg	2120	818	1	03/17/21 16:29	03/18/21 14:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	423	142	1	03/17/21 16:29	03/18/21 14:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	423	159	1	03/17/21 16:29	03/18/21 14:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	423	150	1	03/17/21 16:29	03/18/21 14:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	423	201	1	03/17/21 16:29	03/18/21 14:51	108-60-1	
Pentachlorophenol	ND	ug/kg	846	414	1	03/17/21 16:29	03/18/21 14:51	87-86-5	
Phenanthrene	ND	ug/kg	423	138	1	03/17/21 16:29	03/18/21 14:51	85-01-8	
Phenol	ND	ug/kg	423	188	1	03/17/21 16:29	03/18/21 14:51	108-95-2	
Pyrene	ND	ug/kg	423	172	1	03/17/21 16:29	03/18/21 14:51	129-00-0	
Pyridine	ND	ug/kg	423	133	1	03/17/21 16:29	03/18/21 14:51	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	423	194	1	03/17/21 16:29	03/18/21 14:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	423	174	1	03/17/21 16:29	03/18/21 14:51	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	21-130		1	03/17/21 16:29	03/18/21 14:51	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	03/17/21 16:29	03/18/21 14:51	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	03/17/21 16:29	03/18/21 14:51	1718-51-0	
Phenol-d6 (S)	63	%	18-130		1	03/17/21 16:29	03/18/21 14:51	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/17/21 16:29	03/18/21 14:51	367-12-4	
2,4,6-Tribromophenol (S)	66	%	18-130		1	03/17/21 16:29	03/18/21 14:51	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	129	41.3	1	03/17/21 16:07	03/17/21 19:22	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	03/17/21 16:07	03/17/21 19:22	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	03/17/21 16:07	03/17/21 19:22	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	75-25-2	
Bromomethane	ND	ug/kg	12.9	10.2	1	03/17/21 16:07	03/17/21 19:22	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	129	30.9	1	03/17/21 16:07	03/17/21 19:22	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	03/17/21 16:07	03/17/21 19:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	03/17/21 16:07	03/17/21 19:22	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1.2	1	03/17/21 16:07	03/17/21 19:22	108-90-7	
Chloroethane	ND	ug/kg	12.9	5.0	1	03/17/21 16:07	03/17/21 19:22	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (5.5-6.0) **Lab ID: 92528011010** Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	6.4	3.9	1	03/17/21 16:07	03/17/21 19:22	67-66-3	
Chloromethane	ND	ug/kg	12.9	5.4	1	03/17/21 16:07	03/17/21 19:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	03/17/21 16:07	03/17/21 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	03/17/21 16:07	03/17/21 19:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	03/17/21 16:07	03/17/21 19:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.9	2.8	1	03/17/21 16:07	03/17/21 19:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.7	1	03/17/21 16:07	03/17/21 19:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.3	1	03/17/21 16:07	03/17/21 19:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.7	1	03/17/21 16:07	03/17/21 19:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	03/17/21 16:07	03/17/21 19:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	03/17/21 16:07	03/17/21 19:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	03/17/21 16:07	03/17/21 19:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.9	10.5	1	03/17/21 16:07	03/17/21 19:22	87-68-3	IK
2-Hexanone	ND	ug/kg	64.4	6.2	1	03/17/21 16:07	03/17/21 19:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	03/17/21 16:07	03/17/21 19:22	99-87-6	
Methylene Chloride	ND	ug/kg	25.7	17.6	1	03/17/21 16:07	03/17/21 19:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.4	6.2	1	03/17/21 16:07	03/17/21 19:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	03/17/21 16:07	03/17/21 19:22	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	03/17/21 16:07	03/17/21 19:22	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	03/17/21 16:07	03/17/21 19:22	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	03/17/21 16:07	03/17/21 19:22	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	03/17/21 16:07	03/17/21 19:22	127-18-4	
Toluene	5.0J	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	03/17/21 16:07	03/17/21 19:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	5.4	1	03/17/21 16:07	03/17/21 19:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	03/17/21 16:07	03/17/21 19:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	03/17/21 16:07	03/17/21 19:22	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1.7	1	03/17/21 16:07	03/17/21 19:22	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-17 (5.5-6.0) Lab ID: 92528011010 Collected: 03/15/21 13:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	03/17/21 16:07	03/17/21 19:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.3	1	03/17/21 16:07	03/17/21 19:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	03/17/21 16:07	03/17/21 19:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	03/17/21 16:07	03/17/21 19:22	108-67-8	
Vinyl acetate	ND	ug/kg	64.4	4.7	1	03/17/21 16:07	03/17/21 19:22	108-05-4	
Vinyl chloride	ND	ug/kg	12.9	3.3	1	03/17/21 16:07	03/17/21 19:22	75-01-4	
Xylene (Total)	ND	ug/kg	12.9	3.7	1	03/17/21 16:07	03/17/21 19:22	1330-20-7	
m&p-Xylene	ND	ug/kg	12.9	4.4	1	03/17/21 16:07	03/17/21 19:22	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	03/17/21 16:07	03/17/21 19:22	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/17/21 16:07	03/17/21 19:22	2037-26-5	
4-Bromofluorobenzene (S)	92	%	69-134		1	03/17/21 16:07	03/17/21 19:22	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	03/17/21 16:07	03/17/21 19:22	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	21.7	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (0.5-1.0) Lab ID: 92528011011 Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	83-32-9	
Acenaphthylene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	208-96-8	
Aniline	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	62-53-3	
Anthracene	ND	ug/kg	411	134	1	03/17/21 16:29	03/18/21 15:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	411	137	1	03/17/21 16:29	03/18/21 15:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	411	142	1	03/17/21 16:29	03/18/21 15:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	411	137	1	03/17/21 16:29	03/18/21 15:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	411	159	1	03/17/21 16:29	03/18/21 15:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	207-08-9	
Benzoic Acid	ND	ug/kg	2050	882	1	03/17/21 16:29	03/18/21 15:22	65-85-0	
Benzyl alcohol	ND	ug/kg	821	311	1	03/17/21 16:29	03/18/21 15:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	411	173	1	03/17/21 16:29	03/18/21 15:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	821	289	1	03/17/21 16:29	03/18/21 15:22	59-50-7	
4-Chloroaniline	ND	ug/kg	821	322	1	03/17/21 16:29	03/18/21 15:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	411	170	1	03/17/21 16:29	03/18/21 15:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	111-44-4	
2-Chloronaphthalene	ND	ug/kg	411	163	1	03/17/21 16:29	03/18/21 15:22	91-58-7	
2-Chlorophenol	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	411	153	1	03/17/21 16:29	03/18/21 15:22	7005-72-3	
Chrysene	ND	ug/kg	411	149	1	03/17/21 16:29	03/18/21 15:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	53-70-3	
Dibenzofuran	ND	ug/kg	411	148	1	03/17/21 16:29	03/18/21 15:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	821	277	1	03/17/21 16:29	03/18/21 15:22	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	120-83-2	
Diethylphthalate	ND	ug/kg	411	151	1	03/17/21 16:29	03/18/21 15:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	411	170	1	03/17/21 16:29	03/18/21 15:22	105-67-9	
Dimethylphthalate	ND	ug/kg	411	149	1	03/17/21 16:29	03/18/21 15:22	131-11-3	
Di-n-butylphthalate	ND	ug/kg	411	138	1	03/17/21 16:29	03/18/21 15:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	821	383	1	03/17/21 16:29	03/18/21 15:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1270	1	03/17/21 16:29	03/18/21 15:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	411	158	1	03/17/21 16:29	03/18/21 15:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	411	151	1	03/17/21 16:29	03/18/21 15:22	606-20-2	
Di-n-octylphthalate	ND	ug/kg	411	162	1	03/17/21 16:29	03/18/21 15:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	411	159	1	03/17/21 16:29	03/18/21 15:22	117-81-7	
Fluoranthene	ND	ug/kg	411	141	1	03/17/21 16:29	03/18/21 15:22	206-44-0	
Fluorene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	86-73-7	
Hexachlorobenzene	ND	ug/kg	411	161	1	03/17/21 16:29	03/18/21 15:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	411	235	1	03/17/21 16:29	03/18/21 15:22	77-47-4	
Hexachloroethane	ND	ug/kg	411	157	1	03/17/21 16:29	03/18/21 15:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	411	162	1	03/17/21 16:29	03/18/21 15:22	193-39-5	
Isophorone	ND	ug/kg	411	183	1	03/17/21 16:29	03/18/21 15:22	78-59-1	
1-Methylnaphthalene	ND	ug/kg	411	144	1	03/17/21 16:29	03/18/21 15:22	90-12-0	
2-Methylnaphthalene	ND	ug/kg	411	164	1	03/17/21 16:29	03/18/21 15:22	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-18 (0.5-1.0) **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	411	168	1	03/17/21 16:29	03/18/21 15:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	411	165	1	03/17/21 16:29	03/18/21 15:22	15831-10-4	
2-Nitroaniline	ND	ug/kg	2050	336	1	03/17/21 16:29	03/18/21 15:22	88-74-4	
3-Nitroaniline	ND	ug/kg	2050	322	1	03/17/21 16:29	03/18/21 15:22	99-09-2	
4-Nitroaniline	ND	ug/kg	821	312	1	03/17/21 16:29	03/18/21 15:22	100-01-6	
Nitrobenzene	ND	ug/kg	411	190	1	03/17/21 16:29	03/18/21 15:22	98-95-3	
2-Nitrophenol	ND	ug/kg	411	178	1	03/17/21 16:29	03/18/21 15:22	88-75-5	
4-Nitrophenol	ND	ug/kg	2050	794	1	03/17/21 16:29	03/18/21 15:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	411	138	1	03/17/21 16:29	03/18/21 15:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	411	154	1	03/17/21 16:29	03/18/21 15:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	411	146	1	03/17/21 16:29	03/18/21 15:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	411	195	1	03/17/21 16:29	03/18/21 15:22	108-60-1	
Pentachlorophenol	ND	ug/kg	821	402	1	03/17/21 16:29	03/18/21 15:22	87-86-5	
Phenanthrene	ND	ug/kg	411	134	1	03/17/21 16:29	03/18/21 15:22	85-01-8	
Phenol	ND	ug/kg	411	183	1	03/17/21 16:29	03/18/21 15:22	108-95-2	
Pyrene	ND	ug/kg	411	167	1	03/17/21 16:29	03/18/21 15:22	129-00-0	
Pyridine	ND	ug/kg	411	129	1	03/17/21 16:29	03/18/21 15:22	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	411	188	1	03/17/21 16:29	03/18/21 15:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	411	169	1	03/17/21 16:29	03/18/21 15:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	03/17/21 16:29	03/18/21 15:22	4165-60-0	
2-Fluorobiphenyl (S)	49	%	19-130		1	03/17/21 16:29	03/18/21 15:22	321-60-8	
Terphenyl-d14 (S)	64	%	15-130		1	03/17/21 16:29	03/18/21 15:22	1718-51-0	
Phenol-d6 (S)	71	%	18-130		1	03/17/21 16:29	03/18/21 15:22	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	03/17/21 16:29	03/18/21 15:22	367-12-4	
2,4,6-Tribromophenol (S)	49	%	18-130		1	03/17/21 16:29	03/18/21 15:22	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	148	47.6	1	03/17/21 16:07	03/17/21 19:40	67-64-1	
Benzene	ND	ug/kg	7.4	3.0	1	03/17/21 16:07	03/17/21 19:40	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	03/17/21 16:07	03/17/21 19:40	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	03/17/21 16:07	03/17/21 19:40	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.9	1	03/17/21 16:07	03/17/21 19:40	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	75-25-2	
Bromomethane	ND	ug/kg	14.8	11.7	1	03/17/21 16:07	03/17/21 19:40	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	148	35.6	1	03/17/21 16:07	03/17/21 19:40	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	03/17/21 16:07	03/17/21 19:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	03/17/21 16:07	03/17/21 19:40	108-90-7	
Chloroethane	ND	ug/kg	14.8	5.7	1	03/17/21 16:07	03/17/21 19:40	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (0.5-1.0) Lab ID: 92528011011 Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	7.4	4.5	1	03/17/21 16:07	03/17/21 19:40	67-66-3	
Chloromethane	ND	ug/kg	14.8	6.2	1	03/17/21 16:07	03/17/21 19:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	03/17/21 16:07	03/17/21 19:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	03/17/21 16:07	03/17/21 19:40	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.2	1	03/17/21 16:07	03/17/21 19:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	03/17/21 16:07	03/17/21 19:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.7	1	03/17/21 16:07	03/17/21 19:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	03/17/21 16:07	03/17/21 19:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.8	3.2	1	03/17/21 16:07	03/17/21 19:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.4	3.1	1	03/17/21 16:07	03/17/21 19:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	03/17/21 16:07	03/17/21 19:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.1	1	03/17/21 16:07	03/17/21 19:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	03/17/21 16:07	03/17/21 19:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	03/17/21 16:07	03/17/21 19:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.6	1	03/17/21 16:07	03/17/21 19:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.5	1	03/17/21 16:07	03/17/21 19:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.8	12.1	1	03/17/21 16:07	03/17/21 19:40	87-68-3	IK
2-Hexanone	ND	ug/kg	74.1	7.1	1	03/17/21 16:07	03/17/21 19:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.6	1	03/17/21 16:07	03/17/21 19:40	99-87-6	
Methylene Chloride	ND	ug/kg	29.7	20.3	1	03/17/21 16:07	03/17/21 19:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.1	7.1	1	03/17/21 16:07	03/17/21 19:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	1634-04-4	
Naphthalene	ND	ug/kg	7.4	3.9	1	03/17/21 16:07	03/17/21 19:40	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	03/17/21 16:07	03/17/21 19:40	103-65-1	
Styrene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.8	1	03/17/21 16:07	03/17/21 19:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	03/17/21 16:07	03/17/21 19:40	127-18-4	
Toluene	ND	ug/kg	7.4	2.1	1	03/17/21 16:07	03/17/21 19:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	6.0	1	03/17/21 16:07	03/17/21 19:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	03/17/21 16:07	03/17/21 19:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.9	1	03/17/21 16:07	03/17/21 19:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1.9	1	03/17/21 16:07	03/17/21 19:40	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (0.5-1.0) **Lab ID: 92528011011** Collected: 03/15/21 13:45 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	7.4	4.1	1	03/17/21 16:07	03/17/21 19:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.8	1	03/17/21 16:07	03/17/21 19:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	03/17/21 16:07	03/17/21 19:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	03/17/21 16:07	03/17/21 19:40	108-67-8	
Vinyl acetate	ND	ug/kg	74.1	5.4	1	03/17/21 16:07	03/17/21 19:40	108-05-4	
Vinyl chloride	ND	ug/kg	14.8	3.8	1	03/17/21 16:07	03/17/21 19:40	75-01-4	
Xylene (Total)	ND	ug/kg	14.8	4.2	1	03/17/21 16:07	03/17/21 19:40	1330-20-7	
m&p-Xylene	ND	ug/kg	14.8	5.1	1	03/17/21 16:07	03/17/21 19:40	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	03/17/21 16:07	03/17/21 19:40	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	03/17/21 16:07	03/17/21 19:40	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/17/21 16:07	03/17/21 19:40	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	03/17/21 16:07	03/17/21 19:40	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	20.4	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (5.5-6.0) **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	83-32-9	
Acenaphthylene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	208-96-8	
Aniline	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	62-53-3	
Anthracene	ND	ug/kg	429	140	1	03/17/21 16:29	03/18/21 15:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	429	143	1	03/17/21 16:29	03/18/21 15:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	429	148	1	03/17/21 16:29	03/18/21 15:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	429	143	1	03/17/21 16:29	03/18/21 15:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	429	166	1	03/17/21 16:29	03/18/21 15:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	207-08-9	
Benzoic Acid	ND	ug/kg	2140	921	1	03/17/21 16:29	03/18/21 15:53	65-85-0	
Benzyl alcohol	ND	ug/kg	858	325	1	03/17/21 16:29	03/18/21 15:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	429	181	1	03/17/21 16:29	03/18/21 15:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	858	302	1	03/17/21 16:29	03/18/21 15:53	59-50-7	
4-Chloroaniline	ND	ug/kg	858	337	1	03/17/21 16:29	03/18/21 15:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	429	178	1	03/17/21 16:29	03/18/21 15:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	111-44-4	
2-Chloronaphthalene	ND	ug/kg	429	170	1	03/17/21 16:29	03/18/21 15:53	91-58-7	
2-Chlorophenol	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	429	160	1	03/17/21 16:29	03/18/21 15:53	7005-72-3	
Chrysene	ND	ug/kg	429	156	1	03/17/21 16:29	03/18/21 15:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	53-70-3	
Dibenzofuran	ND	ug/kg	429	155	1	03/17/21 16:29	03/18/21 15:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	858	290	1	03/17/21 16:29	03/18/21 15:53	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	120-83-2	
Diethylphthalate	ND	ug/kg	429	157	1	03/17/21 16:29	03/18/21 15:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	429	178	1	03/17/21 16:29	03/18/21 15:53	105-67-9	
Dimethylphthalate	ND	ug/kg	429	156	1	03/17/21 16:29	03/18/21 15:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	429	144	1	03/17/21 16:29	03/18/21 15:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	858	400	1	03/17/21 16:29	03/18/21 15:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2140	1330	1	03/17/21 16:29	03/18/21 15:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	429	165	1	03/17/21 16:29	03/18/21 15:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	429	157	1	03/17/21 16:29	03/18/21 15:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	429	169	1	03/17/21 16:29	03/18/21 15:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	429	166	1	03/17/21 16:29	03/18/21 15:53	117-81-7	
Fluoranthene	ND	ug/kg	429	147	1	03/17/21 16:29	03/18/21 15:53	206-44-0	
Fluorene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	86-73-7	
Hexachlorobenzene	ND	ug/kg	429	168	1	03/17/21 16:29	03/18/21 15:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	429	246	1	03/17/21 16:29	03/18/21 15:53	77-47-4	
Hexachloroethane	ND	ug/kg	429	164	1	03/17/21 16:29	03/18/21 15:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	429	169	1	03/17/21 16:29	03/18/21 15:53	193-39-5	
Isophorone	ND	ug/kg	429	191	1	03/17/21 16:29	03/18/21 15:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	429	151	1	03/17/21 16:29	03/18/21 15:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	429	172	1	03/17/21 16:29	03/18/21 15:53	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (5.5-6.0) **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	429	175	1	03/17/21 16:29	03/18/21 15:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	429	173	1	03/17/21 16:29	03/18/21 15:53	15831-10-4	
2-Nitroaniline	ND	ug/kg	2140	351	1	03/17/21 16:29	03/18/21 15:53	88-74-4	
3-Nitroaniline	ND	ug/kg	2140	337	1	03/17/21 16:29	03/18/21 15:53	99-09-2	
4-Nitroaniline	ND	ug/kg	858	326	1	03/17/21 16:29	03/18/21 15:53	100-01-6	
Nitrobenzene	ND	ug/kg	429	199	1	03/17/21 16:29	03/18/21 15:53	98-95-3	
2-Nitrophenol	ND	ug/kg	429	186	1	03/17/21 16:29	03/18/21 15:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2140	829	1	03/17/21 16:29	03/18/21 15:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	429	144	1	03/17/21 16:29	03/18/21 15:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	429	161	1	03/17/21 16:29	03/18/21 15:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	429	152	1	03/17/21 16:29	03/18/21 15:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	429	204	1	03/17/21 16:29	03/18/21 15:53	108-60-1	
Pentachlorophenol	ND	ug/kg	858	420	1	03/17/21 16:29	03/18/21 15:53	87-86-5	
Phenanthrene	ND	ug/kg	429	140	1	03/17/21 16:29	03/18/21 15:53	85-01-8	
Phenol	ND	ug/kg	429	191	1	03/17/21 16:29	03/18/21 15:53	108-95-2	
Pyrene	ND	ug/kg	429	174	1	03/17/21 16:29	03/18/21 15:53	129-00-0	
Pyridine	ND	ug/kg	429	135	1	03/17/21 16:29	03/18/21 15:53	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	429	196	1	03/17/21 16:29	03/18/21 15:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	429	177	1	03/17/21 16:29	03/18/21 15:53	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	70	%	21-130		1	03/17/21 16:29	03/18/21 15:53	4165-60-0	
2-Fluorobiphenyl (S)	45	%	19-130		1	03/17/21 16:29	03/18/21 15:53	321-60-8	
Terphenyl-d14 (S)	49	%	15-130		1	03/17/21 16:29	03/18/21 15:53	1718-51-0	
Phenol-d6 (S)	68	%	18-130		1	03/17/21 16:29	03/18/21 15:53	13127-88-3	
2-Fluorophenol (S)	63	%	18-130		1	03/17/21 16:29	03/18/21 15:53	367-12-4	
2,4,6-Tribromophenol (S)	69	%	18-130		1	03/17/21 16:29	03/18/21 15:53	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	183	58.6	1	03/17/21 16:07	03/17/21 19:57	67-64-1	
Benzene	ND	ug/kg	9.1	3.6	1	03/17/21 16:07	03/17/21 19:57	71-43-2	
Bromobenzene	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	108-86-1	
Bromochloromethane	ND	ug/kg	9.1	2.7	1	03/17/21 16:07	03/17/21 19:57	74-97-5	
Bromodichloromethane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	75-27-4	
Bromoform	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	75-25-2	
Bromomethane	ND	ug/kg	18.3	14.4	1	03/17/21 16:07	03/17/21 19:57	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	183	43.8	1	03/17/21 16:07	03/17/21 19:57	78-93-3	
n-Butylbenzene	ND	ug/kg	9.1	4.3	1	03/17/21 16:07	03/17/21 19:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	9.1	3.4	1	03/17/21 16:07	03/17/21 19:57	56-23-5	
Chlorobenzene	ND	ug/kg	9.1	1.8	1	03/17/21 16:07	03/17/21 19:57	108-90-7	
Chloroethane	ND	ug/kg	18.3	7.0	1	03/17/21 16:07	03/17/21 19:57	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (5.5-6.0) Lab ID: 92528011012 Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/kg	9.1	5.6	1	03/17/21 16:07	03/17/21 19:57	67-66-3	
Chloromethane	ND	ug/kg	18.3	7.7	1	03/17/21 16:07	03/17/21 19:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.1	1.6	1	03/17/21 16:07	03/17/21 19:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	96-12-8	
Dibromochloromethane	ND	ug/kg	9.1	5.1	1	03/17/21 16:07	03/17/21 19:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	106-93-4	
Dibromomethane	ND	ug/kg	9.1	2.0	1	03/17/21 16:07	03/17/21 19:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.1	2.8	1	03/17/21 16:07	03/17/21 19:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.3	4.0	1	03/17/21 16:07	03/17/21 19:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	9.1	3.8	1	03/17/21 16:07	03/17/21 19:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.1	6.0	1	03/17/21 16:07	03/17/21 19:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.1	3.8	1	03/17/21 16:07	03/17/21 19:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.1	3.2	1	03/17/21 16:07	03/17/21 19:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.1	2.7	1	03/17/21 16:07	03/17/21 19:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.1	2.8	1	03/17/21 16:07	03/17/21 19:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.1	4.4	1	03/17/21 16:07	03/17/21 19:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	108-20-3	
Ethylbenzene	ND	ug/kg	9.1	4.3	1	03/17/21 16:07	03/17/21 19:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.3	14.9	1	03/17/21 16:07	03/17/21 19:57	87-68-3	IK
2-Hexanone	ND	ug/kg	91.3	8.8	1	03/17/21 16:07	03/17/21 19:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.1	4.5	1	03/17/21 16:07	03/17/21 19:57	99-87-6	
Methylene Chloride	ND	ug/kg	36.5	25.0	1	03/17/21 16:07	03/17/21 19:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	91.3	8.8	1	03/17/21 16:07	03/17/21 19:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.1	3.4	1	03/17/21 16:07	03/17/21 19:57	1634-04-4	
Naphthalene	ND	ug/kg	9.1	4.8	1	03/17/21 16:07	03/17/21 19:57	91-20-3	
n-Propylbenzene	ND	ug/kg	9.1	3.3	1	03/17/21 16:07	03/17/21 19:57	103-65-1	
Styrene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.1	3.5	1	03/17/21 16:07	03/17/21 19:57	630-20-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	79-34-5	
Tetrachloroethene	ND	ug/kg	9.1	2.9	1	03/17/21 16:07	03/17/21 19:57	127-18-4	
Toluene	ND	ug/kg	9.1	2.6	1	03/17/21 16:07	03/17/21 19:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.1	7.4	1	03/17/21 16:07	03/17/21 19:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.1	7.7	1	03/17/21 16:07	03/17/21 19:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.1	4.7	1	03/17/21 16:07	03/17/21 19:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.1	3.0	1	03/17/21 16:07	03/17/21 19:57	79-00-5	
Trichloroethene	ND	ug/kg	9.1	2.4	1	03/17/21 16:07	03/17/21 19:57	79-01-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-18 (5.5-6.0) **Lab ID: 92528011012** Collected: 03/15/21 13:50 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Trichlorofluoromethane	ND	ug/kg	9.1	5.0	1	03/17/21 16:07	03/17/21 19:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.1	4.6	1	03/17/21 16:07	03/17/21 19:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	9.1	2.5	1	03/17/21 16:07	03/17/21 19:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.1	3.1	1	03/17/21 16:07	03/17/21 19:57	108-67-8	
Vinyl acetate	ND	ug/kg	91.3	6.6	1	03/17/21 16:07	03/17/21 19:57	108-05-4	
Vinyl chloride	ND	ug/kg	18.3	4.6	1	03/17/21 16:07	03/17/21 19:57	75-01-4	
Xylene (Total)	ND	ug/kg	18.3	5.2	1	03/17/21 16:07	03/17/21 19:57	1330-20-7	
m&p-Xylene	ND	ug/kg	18.3	6.2	1	03/17/21 16:07	03/17/21 19:57	179601-23-1	
o-Xylene	ND	ug/kg	9.1	4.0	1	03/17/21 16:07	03/17/21 19:57	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/17/21 16:07	03/17/21 19:57	2037-26-5	
4-Bromofluorobenzene (S)	95	%	69-134		1	03/17/21 16:07	03/17/21 19:57	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/17/21 16:07	03/17/21 19:57	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	22.5	%	0.10	0.10	1		03/17/21 14:12		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-21 (0.5-1.0) **Lab ID: 92528011013** Collected: 03/15/21 15:05 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	13.5	%	0.10	0.10	1		03/17/21 14:12		N2

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-21 (5.5-6.0) **Lab ID: 92528011014** Collected: 03/15/21 15:10 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	34.0	%	0.10	0.10	1		03/17/21 14:12		N2

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-22 (0.5-1.0) **Lab ID: 92528011015** Collected: 03/15/21 15:25 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	13.4	%	0.10	0.10	1		03/17/21 14:13		N2

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-22 (5.5-6.0) **Lab ID: 92528011016** Collected: 03/15/21 15:30 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	40.6	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (0.5-1.0) **Lab ID: 92528011017** Collected: 03/15/21 15:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	385	135	1	03/24/21 11:18	03/24/21 16:03	83-32-9	
Acenaphthylene	ND	ug/kg	385	135	1	03/24/21 11:18	03/24/21 16:03	208-96-8	
Aniline	ND	ug/kg	385	151	1	03/24/21 11:18	03/24/21 16:03	62-53-3	
Anthracene	ND	ug/kg	385	126	1	03/24/21 11:18	03/24/21 16:03	120-12-7	
Benzo(a)anthracene	ND	ug/kg	385	128	1	03/24/21 11:18	03/24/21 16:03	56-55-3	
Benzo(a)pyrene	ND	ug/kg	385	133	1	03/24/21 11:18	03/24/21 16:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	385	128	1	03/24/21 11:18	03/24/21 16:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	385	149	1	03/24/21 11:18	03/24/21 16:03	191-24-2	v1
Benzo(k)fluoranthene	ND	ug/kg	385	135	1	03/24/21 11:18	03/24/21 16:03	207-08-9	
Benzoic Acid	ND	ug/kg	1930	828	1	03/24/21 11:18	03/24/21 16:03	65-85-0	
Benzyl alcohol	ND	ug/kg	771	292	1	03/24/21 11:18	03/24/21 16:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	385	148	1	03/24/21 11:18	03/24/21 16:03	101-55-3	
Butylbenzylphthalate	ND	ug/kg	385	162	1	03/24/21 11:18	03/24/21 16:03	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	771	271	1	03/24/21 11:18	03/24/21 16:03	59-50-7	
4-Chloroaniline	ND	ug/kg	771	302	1	03/24/21 11:18	03/24/21 16:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	385	160	1	03/24/21 11:18	03/24/21 16:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	385	145	1	03/24/21 11:18	03/24/21 16:03	111-44-4	M1
2-Chloronaphthalene	ND	ug/kg	385	153	1	03/24/21 11:18	03/24/21 16:03	91-58-7	
2-Chlorophenol	ND	ug/kg	385	145	1	03/24/21 11:18	03/24/21 16:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	385	144	1	03/24/21 11:18	03/24/21 16:03	7005-72-3	
Chrysene	ND	ug/kg	385	140	1	03/24/21 11:18	03/24/21 16:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	385	148	1	03/24/21 11:18	03/24/21 16:03	53-70-3	
Dibenzofuran	ND	ug/kg	385	139	1	03/24/21 11:18	03/24/21 16:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	771	260	1	03/24/21 11:18	03/24/21 16:03	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	385	151	1	03/24/21 11:18	03/24/21 16:03	120-83-2	
Diethylphthalate	ND	ug/kg	385	141	1	03/24/21 11:18	03/24/21 16:03	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	385	160	1	03/24/21 11:18	03/24/21 16:03	105-67-9	
Dimethylphthalate	ND	ug/kg	385	140	1	03/24/21 11:18	03/24/21 16:03	131-11-3	
Di-n-butylphthalate	ND	ug/kg	385	130	1	03/24/21 11:18	03/24/21 16:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	771	360	1	03/24/21 11:18	03/24/21 16:03	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1930	1190	1	03/24/21 11:18	03/24/21 16:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	385	148	1	03/24/21 11:18	03/24/21 16:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	385	141	1	03/24/21 11:18	03/24/21 16:03	606-20-2	
Di-n-octylphthalate	ND	ug/kg	385	152	1	03/24/21 11:18	03/24/21 16:03	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	385	149	1	03/24/21 11:18	03/24/21 16:03	117-81-7	
Fluoranthene	ND	ug/kg	385	132	1	03/24/21 11:18	03/24/21 16:03	206-44-0	
Fluorene	ND	ug/kg	385	135	1	03/24/21 11:18	03/24/21 16:03	86-73-7	
Hexachlorobenzene	ND	ug/kg	385	151	1	03/24/21 11:18	03/24/21 16:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	385	221	1	03/24/21 11:18	03/24/21 16:03	77-47-4	
Hexachloroethane	ND	ug/kg	385	147	1	03/24/21 11:18	03/24/21 16:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	385	152	1	03/24/21 11:18	03/24/21 16:03	193-39-5	
Isophorone	ND	ug/kg	385	172	1	03/24/21 11:18	03/24/21 16:03	78-59-1	
1-Methylnaphthalene	ND	ug/kg	385	135	1	03/24/21 11:18	03/24/21 16:03	90-12-0	
2-Methylnaphthalene	ND	ug/kg	385	154	1	03/24/21 11:18	03/24/21 16:03	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (0.5-1.0) Lab ID: 92528011017 Collected: 03/15/21 15:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	385	158	1	03/24/21 11:18	03/24/21 16:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	385	155	1	03/24/21 11:18	03/24/21 16:03	15831-10-4	
2-Nitroaniline	ND	ug/kg	1930	315	1	03/24/21 11:18	03/24/21 16:03	88-74-4	
3-Nitroaniline	ND	ug/kg	1930	302	1	03/24/21 11:18	03/24/21 16:03	99-09-2	
4-Nitroaniline	ND	ug/kg	771	293	1	03/24/21 11:18	03/24/21 16:03	100-01-6	
Nitrobenzene	ND	ug/kg	385	179	1	03/24/21 11:18	03/24/21 16:03	98-95-3	
2-Nitrophenol	ND	ug/kg	385	167	1	03/24/21 11:18	03/24/21 16:03	88-75-5	
4-Nitrophenol	ND	ug/kg	1930	745	1	03/24/21 11:18	03/24/21 16:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	385	130	1	03/24/21 11:18	03/24/21 16:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	385	145	1	03/24/21 11:18	03/24/21 16:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	385	137	1	03/24/21 11:18	03/24/21 16:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	385	183	1	03/24/21 11:18	03/24/21 16:03	108-60-1	
Pentachlorophenol	ND	ug/kg	771	377	1	03/24/21 11:18	03/24/21 16:03	87-86-5	
Phenanthrene	ND	ug/kg	385	126	1	03/24/21 11:18	03/24/21 16:03	85-01-8	
Phenol	ND	ug/kg	385	172	1	03/24/21 11:18	03/24/21 16:03	108-95-2	
Pyrene	ND	ug/kg	385	157	1	03/24/21 11:18	03/24/21 16:03	129-00-0	
Pyridine	ND	ug/kg	385	121	1	03/24/21 11:18	03/24/21 16:03	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	385	176	1	03/24/21 11:18	03/24/21 16:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	385	159	1	03/24/21 11:18	03/24/21 16:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	63	%	21-130		1	03/24/21 11:18	03/24/21 16:03	4165-60-0	
2-Fluorobiphenyl (S)	62	%	19-130		1	03/24/21 11:18	03/24/21 16:03	321-60-8	
Terphenyl-d14 (S)	90	%	15-130		1	03/24/21 11:18	03/24/21 16:03	1718-51-0	
Phenol-d6 (S)	55	%	18-130		1	03/24/21 11:18	03/24/21 16:03	13127-88-3	
2-Fluorophenol (S)	57	%	18-130		1	03/24/21 11:18	03/24/21 16:03	367-12-4	
2,4,6-Tribromophenol (S)	60	%	18-130		1	03/24/21 11:18	03/24/21 16:03	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	141	45.3	1	03/24/21 11:57	03/24/21 14:30	67-64-1	
Benzene	ND	ug/kg	7.1	2.8	1	03/24/21 11:57	03/24/21 14:30	71-43-2	
Bromobenzene	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 14:30	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	2.1	1	03/24/21 11:57	03/24/21 14:30	74-97-5	
Bromodichloromethane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 14:30	75-27-4	
Bromoform	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	75-25-2	
Bromomethane	ND	ug/kg	14.1	11.2	1	03/24/21 11:57	03/24/21 14:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	141	33.9	1	03/24/21 11:57	03/24/21 14:30	78-93-3	
n-Butylbenzene	ND	ug/kg	7.1	3.3	1	03/24/21 11:57	03/24/21 14:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 14:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.1	2.6	1	03/24/21 11:57	03/24/21 14:30	56-23-5	
Chlorobenzene	ND	ug/kg	7.1	1.4	1	03/24/21 11:57	03/24/21 14:30	108-90-7	
Chloroethane	ND	ug/kg	14.1	5.4	1	03/24/21 11:57	03/24/21 14:30	75-00-3	
Chloroform	ND	ug/kg	7.1	4.3	1	03/24/21 11:57	03/24/21 14:30	67-66-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (0.5-1.0) Lab ID: 92528011017 Collected: 03/15/21 15:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloromethane	ND	ug/kg	14.1	5.9	1	03/24/21 11:57	03/24/21 14:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.1	1.2	1	03/24/21 11:57	03/24/21 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 14:30	96-12-8	
Dibromochloromethane	ND	ug/kg	7.1	4.0	1	03/24/21 11:57	03/24/21 14:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 14:30	106-93-4	
Dibromomethane	ND	ug/kg	7.1	1.5	1	03/24/21 11:57	03/24/21 14:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 14:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.1	1.8	1	03/24/21 11:57	03/24/21 14:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.1	3.1	1	03/24/21 11:57	03/24/21 14:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.1	2.9	1	03/24/21 11:57	03/24/21 14:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.1	4.7	1	03/24/21 11:57	03/24/21 14:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.1	2.9	1	03/24/21 11:57	03/24/21 14:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 14:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.1	2.1	1	03/24/21 11:57	03/24/21 14:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 14:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 14:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.1	3.4	1	03/24/21 11:57	03/24/21 14:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 14:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 14:30	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 14:30	108-20-3	
Ethylbenzene	ND	ug/kg	7.1	3.3	1	03/24/21 11:57	03/24/21 14:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.1	11.5	1	03/24/21 11:57	03/24/21 14:30	87-68-3	
2-Hexanone	ND	ug/kg	70.6	6.8	1	03/24/21 11:57	03/24/21 14:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 14:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.1	3.5	1	03/24/21 11:57	03/24/21 14:30	99-87-6	
Methylene Chloride	ND	ug/kg	28.2	19.3	1	03/24/21 11:57	03/24/21 14:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	70.6	6.8	1	03/24/21 11:57	03/24/21 14:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.1	2.6	1	03/24/21 11:57	03/24/21 14:30	1634-04-4	
Naphthalene	ND	ug/kg	7.1	3.7	1	03/24/21 11:57	03/24/21 14:30	91-20-3	
n-Propylbenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 14:30	103-65-1	
Styrene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 14:30	79-34-5	
Tetrachloroethene	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 14:30	127-18-4	
Toluene	ND	ug/kg	7.1	2.0	1	03/24/21 11:57	03/24/21 14:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	5.7	1	03/24/21 11:57	03/24/21 14:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.1	5.9	1	03/24/21 11:57	03/24/21 14:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.1	3.7	1	03/24/21 11:57	03/24/21 14:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 14:30	79-00-5	
Trichloroethene	ND	ug/kg	7.1	1.8	1	03/24/21 11:57	03/24/21 14:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	3.9	1	03/24/21 11:57	03/24/21 14:30	75-69-4	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-23 (0.5-1.0) **Lab ID: 92528011017** Collected: 03/15/21 15:35 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/kg	7.1	3.6	1	03/24/21 11:57	03/24/21 14:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 14:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 14:30	108-67-8	
Vinyl acetate	ND	ug/kg	70.6	5.1	1	03/24/21 11:57	03/24/21 14:30	108-05-4	
Vinyl chloride	ND	ug/kg	14.1	3.6	1	03/24/21 11:57	03/24/21 14:30	75-01-4	
Xylene (Total)	ND	ug/kg	14.1	4.0	1	03/24/21 11:57	03/24/21 14:30	1330-20-7	
m&p-Xylene	ND	ug/kg	14.1	4.8	1	03/24/21 11:57	03/24/21 14:30	179601-23-1	
o-Xylene	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 14:30	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/24/21 11:57	03/24/21 14:30	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-134		1	03/24/21 11:57	03/24/21 14:30	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1	03/24/21 11:57	03/24/21 14:30	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	14.7	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (5.5-6.0) **Lab ID: 92528011018** Collected: 03/15/21 15:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546							
		Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	416	146	1	03/24/21 11:18	03/24/21 16:58	83-32-9	
Acenaphthylene	ND	ug/kg	416	146	1	03/24/21 11:18	03/24/21 16:58	208-96-8	
Aniline	ND	ug/kg	416	163	1	03/24/21 11:18	03/24/21 16:58	62-53-3	
Anthracene	ND	ug/kg	416	136	1	03/24/21 11:18	03/24/21 16:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	416	139	1	03/24/21 11:18	03/24/21 16:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	416	144	1	03/24/21 11:18	03/24/21 16:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	416	139	1	03/24/21 11:18	03/24/21 16:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	416	161	1	03/24/21 11:18	03/24/21 16:58	191-24-2	v1
Benzo(k)fluoranthene	ND	ug/kg	416	146	1	03/24/21 11:18	03/24/21 16:58	207-08-9	
Benzoic Acid	ND	ug/kg	2080	894	1	03/24/21 11:18	03/24/21 16:58	65-85-0	
Benzyl alcohol	ND	ug/kg	832	315	1	03/24/21 11:18	03/24/21 16:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	416	160	1	03/24/21 11:18	03/24/21 16:58	101-55-3	
Butylbenzylphthalate	ND	ug/kg	416	175	1	03/24/21 11:18	03/24/21 16:58	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	832	293	1	03/24/21 11:18	03/24/21 16:58	59-50-7	
4-Chloroaniline	ND	ug/kg	832	327	1	03/24/21 11:18	03/24/21 16:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	416	173	1	03/24/21 11:18	03/24/21 16:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	416	156	1	03/24/21 11:18	03/24/21 16:58	111-44-4	
2-Chloronaphthalene	ND	ug/kg	416	165	1	03/24/21 11:18	03/24/21 16:58	91-58-7	
2-Chlorophenol	ND	ug/kg	416	156	1	03/24/21 11:18	03/24/21 16:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	416	155	1	03/24/21 11:18	03/24/21 16:58	7005-72-3	
Chrysene	ND	ug/kg	416	151	1	03/24/21 11:18	03/24/21 16:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	416	160	1	03/24/21 11:18	03/24/21 16:58	53-70-3	
Dibenzofuran	ND	ug/kg	416	150	1	03/24/21 11:18	03/24/21 16:58	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	832	281	1	03/24/21 11:18	03/24/21 16:58	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	416	163	1	03/24/21 11:18	03/24/21 16:58	120-83-2	
Diethylphthalate	ND	ug/kg	416	153	1	03/24/21 11:18	03/24/21 16:58	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	416	173	1	03/24/21 11:18	03/24/21 16:58	105-67-9	
Dimethylphthalate	ND	ug/kg	416	151	1	03/24/21 11:18	03/24/21 16:58	131-11-3	
Di-n-butylphthalate	ND	ug/kg	416	140	1	03/24/21 11:18	03/24/21 16:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	832	388	1	03/24/21 11:18	03/24/21 16:58	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2080	1290	1	03/24/21 11:18	03/24/21 16:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	416	160	1	03/24/21 11:18	03/24/21 16:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	416	153	1	03/24/21 11:18	03/24/21 16:58	606-20-2	
Di-n-octylphthalate	ND	ug/kg	416	164	1	03/24/21 11:18	03/24/21 16:58	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	416	161	1	03/24/21 11:18	03/24/21 16:58	117-81-7	
Fluoranthene	ND	ug/kg	416	143	1	03/24/21 11:18	03/24/21 16:58	206-44-0	
Fluorene	ND	ug/kg	416	146	1	03/24/21 11:18	03/24/21 16:58	86-73-7	
Hexachlorobenzene	ND	ug/kg	416	163	1	03/24/21 11:18	03/24/21 16:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	416	238	1	03/24/21 11:18	03/24/21 16:58	77-47-4	
Hexachloroethane	ND	ug/kg	416	159	1	03/24/21 11:18	03/24/21 16:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	416	164	1	03/24/21 11:18	03/24/21 16:58	193-39-5	
Isophorone	ND	ug/kg	416	185	1	03/24/21 11:18	03/24/21 16:58	78-59-1	
1-Methylnaphthalene	ND	ug/kg	416	146	1	03/24/21 11:18	03/24/21 16:58	90-12-0	
2-Methylnaphthalene	ND	ug/kg	416	166	1	03/24/21 11:18	03/24/21 16:58	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-23 (5.5-6.0) **Lab ID: 92528011018** Collected: 03/15/21 15:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	416	170	1	03/24/21 11:18	03/24/21 16:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	416	168	1	03/24/21 11:18	03/24/21 16:58	15831-10-4	
2-Nitroaniline	ND	ug/kg	2080	341	1	03/24/21 11:18	03/24/21 16:58	88-74-4	
3-Nitroaniline	ND	ug/kg	2080	327	1	03/24/21 11:18	03/24/21 16:58	99-09-2	
4-Nitroaniline	ND	ug/kg	832	317	1	03/24/21 11:18	03/24/21 16:58	100-01-6	
Nitrobenzene	ND	ug/kg	416	193	1	03/24/21 11:18	03/24/21 16:58	98-95-3	
2-Nitrophenol	ND	ug/kg	416	180	1	03/24/21 11:18	03/24/21 16:58	88-75-5	
4-Nitrophenol	ND	ug/kg	2080	805	1	03/24/21 11:18	03/24/21 16:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	416	140	1	03/24/21 11:18	03/24/21 16:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	416	156	1	03/24/21 11:18	03/24/21 16:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	416	148	1	03/24/21 11:18	03/24/21 16:58	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	416	198	1	03/24/21 11:18	03/24/21 16:58	108-60-1	
Pentachlorophenol	ND	ug/kg	832	407	1	03/24/21 11:18	03/24/21 16:58	87-86-5	
Phenanthrene	ND	ug/kg	416	136	1	03/24/21 11:18	03/24/21 16:58	85-01-8	
Phenol	ND	ug/kg	416	185	1	03/24/21 11:18	03/24/21 16:58	108-95-2	
Pyrene	ND	ug/kg	416	169	1	03/24/21 11:18	03/24/21 16:58	129-00-0	
Pyridine	ND	ug/kg	416	131	1	03/24/21 11:18	03/24/21 16:58	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	416	190	1	03/24/21 11:18	03/24/21 16:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	416	172	1	03/24/21 11:18	03/24/21 16:58	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	75	%	21-130		1	03/24/21 11:18	03/24/21 16:58	4165-60-0	
2-Fluorobiphenyl (S)	41	%	19-130		1	03/24/21 11:18	03/24/21 16:58	321-60-8	
Terphenyl-d14 (S)	43	%	15-130		1	03/24/21 11:18	03/24/21 16:58	1718-51-0	
Phenol-d6 (S)	65	%	18-130		1	03/24/21 11:18	03/24/21 16:58	13127-88-3	
2-Fluorophenol (S)	69	%	18-130		1	03/24/21 11:18	03/24/21 16:58	367-12-4	
2,4,6-Tribromophenol (S)	68	%	18-130		1	03/24/21 11:18	03/24/21 16:58	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	176	56.6	1	03/24/21 11:57	03/24/21 15:06	67-64-1	
Benzene	ND	ug/kg	8.8	3.5	1	03/24/21 11:57	03/24/21 15:06	71-43-2	
Bromobenzene	ND	ug/kg	8.8	2.9	1	03/24/21 11:57	03/24/21 15:06	108-86-1	
Bromochloromethane	ND	ug/kg	8.8	2.6	1	03/24/21 11:57	03/24/21 15:06	74-97-5	
Bromodichloromethane	ND	ug/kg	8.8	3.4	1	03/24/21 11:57	03/24/21 15:06	75-27-4	
Bromoform	ND	ug/kg	8.8	3.1	1	03/24/21 11:57	03/24/21 15:06	75-25-2	
Bromomethane	ND	ug/kg	17.6	13.9	1	03/24/21 11:57	03/24/21 15:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	176	42.3	1	03/24/21 11:57	03/24/21 15:06	78-93-3	
n-Butylbenzene	ND	ug/kg	8.8	4.2	1	03/24/21 11:57	03/24/21 15:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.8	3.9	1	03/24/21 11:57	03/24/21 15:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.8	3.1	1	03/24/21 11:57	03/24/21 15:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.8	3.3	1	03/24/21 11:57	03/24/21 15:06	56-23-5	
Chlorobenzene	ND	ug/kg	8.8	1.7	1	03/24/21 11:57	03/24/21 15:06	108-90-7	
Chloroethane	ND	ug/kg	17.6	6.8	1	03/24/21 11:57	03/24/21 15:06	75-00-3	
Chloroform	ND	ug/kg	8.8	5.4	1	03/24/21 11:57	03/24/21 15:06	67-66-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (5.5-6.0) Lab ID: 92528011018 Collected: 03/15/21 15:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloromethane	ND	ug/kg	17.6	7.4	1	03/24/21 11:57	03/24/21 15:06	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.8	3.1	1	03/24/21 11:57	03/24/21 15:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.8	1.6	1	03/24/21 11:57	03/24/21 15:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.8	3.4	1	03/24/21 11:57	03/24/21 15:06	96-12-8	
Dibromochloromethane	ND	ug/kg	8.8	5.0	1	03/24/21 11:57	03/24/21 15:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.8	3.9	1	03/24/21 11:57	03/24/21 15:06	106-93-4	M1
Dibromomethane	ND	ug/kg	8.8	1.9	1	03/24/21 11:57	03/24/21 15:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.8	3.2	1	03/24/21 11:57	03/24/21 15:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.8	2.7	1	03/24/21 11:57	03/24/21 15:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.8	2.3	1	03/24/21 11:57	03/24/21 15:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.6	3.8	1	03/24/21 11:57	03/24/21 15:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.8	3.6	1	03/24/21 11:57	03/24/21 15:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.8	5.8	1	03/24/21 11:57	03/24/21 15:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.8	3.6	1	03/24/21 11:57	03/24/21 15:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.8	3.0	1	03/24/21 11:57	03/24/21 15:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.8	3.1	1	03/24/21 11:57	03/24/21 15:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.8	2.6	1	03/24/21 11:57	03/24/21 15:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.8	2.7	1	03/24/21 11:57	03/24/21 15:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.8	2.9	1	03/24/21 11:57	03/24/21 15:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.8	4.2	1	03/24/21 11:57	03/24/21 15:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.8	2.4	1	03/24/21 11:57	03/24/21 15:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.8	3.0	1	03/24/21 11:57	03/24/21 15:06	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.8	2.4	1	03/24/21 11:57	03/24/21 15:06	108-20-3	
Ethylbenzene	5.4J	ug/kg	8.8	4.1	1	03/24/21 11:57	03/24/21 15:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.6	14.4	1	03/24/21 11:57	03/24/21 15:06	87-68-3	
2-Hexanone	ND	ug/kg	88.1	8.5	1	03/24/21 11:57	03/24/21 15:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.8	3.0	1	03/24/21 11:57	03/24/21 15:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.8	4.3	1	03/24/21 11:57	03/24/21 15:06	99-87-6	
Methylene Chloride	ND	ug/kg	35.2	24.1	1	03/24/21 11:57	03/24/21 15:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	88.1	8.5	1	03/24/21 11:57	03/24/21 15:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.8	3.3	1	03/24/21 11:57	03/24/21 15:06	1634-04-4	
Naphthalene	21.0	ug/kg	8.8	4.6	1	03/24/21 11:57	03/24/21 15:06	91-20-3	
n-Propylbenzene	ND	ug/kg	8.8	3.1	1	03/24/21 11:57	03/24/21 15:06	103-65-1	
Styrene	ND	ug/kg	8.8	2.3	1	03/24/21 11:57	03/24/21 15:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.8	3.4	1	03/24/21 11:57	03/24/21 15:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.8	2.3	1	03/24/21 11:57	03/24/21 15:06	79-34-5	
Tetrachloroethene	ND	ug/kg	8.8	2.8	1	03/24/21 11:57	03/24/21 15:06	127-18-4	
Toluene	8.1J	ug/kg	8.8	2.5	1	03/24/21 11:57	03/24/21 15:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.8	7.1	1	03/24/21 11:57	03/24/21 15:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.8	7.4	1	03/24/21 11:57	03/24/21 15:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.8	4.6	1	03/24/21 11:57	03/24/21 15:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.8	2.9	1	03/24/21 11:57	03/24/21 15:06	79-00-5	
Trichloroethene	ND	ug/kg	8.8	2.3	1	03/24/21 11:57	03/24/21 15:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.8	4.8	1	03/24/21 11:57	03/24/21 15:06	75-69-4	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-23 (5.5-6.0) **Lab ID: 92528011018** Collected: 03/15/21 15:40 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/kg	8.8	4.5	1	03/24/21 11:57	03/24/21 15:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.8	2.4	1	03/24/21 11:57	03/24/21 15:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.8	3.0	1	03/24/21 11:57	03/24/21 15:06	108-67-8	
Vinyl acetate	ND	ug/kg	88.1	6.4	1	03/24/21 11:57	03/24/21 15:06	108-05-4	
Vinyl chloride	ND	ug/kg	17.6	4.5	1	03/24/21 11:57	03/24/21 15:06	75-01-4	
Xylene (Total)	ND	ug/kg	17.6	5.0	1	03/24/21 11:57	03/24/21 15:06	1330-20-7	
m&p-Xylene	ND	ug/kg	17.6	6.0	1	03/24/21 11:57	03/24/21 15:06	179601-23-1	
o-Xylene	ND	ug/kg	8.8	3.9	1	03/24/21 11:57	03/24/21 15:06	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/24/21 11:57	03/24/21 15:06	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	03/24/21 11:57	03/24/21 15:06	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1	03/24/21 11:57	03/24/21 15:06	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	20.4	%	0.10	0.10	1		03/17/21 14:13		N2

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-24 (0.5-1.0) Lab ID: 92528011019 Collected: 03/15/21 15:55 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	388	137	1	03/24/21 11:18	03/24/21 17:54	83-32-9	
Acenaphthylene	ND	ug/kg	388	137	1	03/24/21 11:18	03/24/21 17:54	208-96-8	
Aniline	ND	ug/kg	388	152	1	03/24/21 11:18	03/24/21 17:54	62-53-3	
Anthracene	ND	ug/kg	388	127	1	03/24/21 11:18	03/24/21 17:54	120-12-7	
Benzo(a)anthracene	ND	ug/kg	388	129	1	03/24/21 11:18	03/24/21 17:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	388	134	1	03/24/21 11:18	03/24/21 17:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	388	129	1	03/24/21 11:18	03/24/21 17:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	388	151	1	03/24/21 11:18	03/24/21 17:54	191-24-2	v1
Benzo(k)fluoranthene	ND	ug/kg	388	137	1	03/24/21 11:18	03/24/21 17:54	207-08-9	
Benzoic Acid	ND	ug/kg	1940	834	1	03/24/21 11:18	03/24/21 17:54	65-85-0	
Benzyl alcohol	ND	ug/kg	777	294	1	03/24/21 11:18	03/24/21 17:54	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	388	149	1	03/24/21 11:18	03/24/21 17:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	388	164	1	03/24/21 11:18	03/24/21 17:54	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	777	273	1	03/24/21 11:18	03/24/21 17:54	59-50-7	
4-Chloroaniline	ND	ug/kg	777	305	1	03/24/21 11:18	03/24/21 17:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	388	161	1	03/24/21 11:18	03/24/21 17:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	388	146	1	03/24/21 11:18	03/24/21 17:54	111-44-4	
2-Chloronaphthalene	ND	ug/kg	388	154	1	03/24/21 11:18	03/24/21 17:54	91-58-7	
2-Chlorophenol	ND	ug/kg	388	146	1	03/24/21 11:18	03/24/21 17:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	388	145	1	03/24/21 11:18	03/24/21 17:54	7005-72-3	
Chrysene	ND	ug/kg	388	141	1	03/24/21 11:18	03/24/21 17:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	388	149	1	03/24/21 11:18	03/24/21 17:54	53-70-3	
Dibenzofuran	ND	ug/kg	388	140	1	03/24/21 11:18	03/24/21 17:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	777	262	1	03/24/21 11:18	03/24/21 17:54	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	388	152	1	03/24/21 11:18	03/24/21 17:54	120-83-2	
Diethylphthalate	ND	ug/kg	388	142	1	03/24/21 11:18	03/24/21 17:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	388	161	1	03/24/21 11:18	03/24/21 17:54	105-67-9	
Dimethylphthalate	ND	ug/kg	388	141	1	03/24/21 11:18	03/24/21 17:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	388	131	1	03/24/21 11:18	03/24/21 17:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	777	362	1	03/24/21 11:18	03/24/21 17:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1940	1200	1	03/24/21 11:18	03/24/21 17:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	388	149	1	03/24/21 11:18	03/24/21 17:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	388	142	1	03/24/21 11:18	03/24/21 17:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	388	153	1	03/24/21 11:18	03/24/21 17:54	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	388	151	1	03/24/21 11:18	03/24/21 17:54	117-81-7	
Fluoranthene	ND	ug/kg	388	133	1	03/24/21 11:18	03/24/21 17:54	206-44-0	
Fluorene	ND	ug/kg	388	137	1	03/24/21 11:18	03/24/21 17:54	86-73-7	
Hexachlorobenzene	ND	ug/kg	388	152	1	03/24/21 11:18	03/24/21 17:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	388	222	1	03/24/21 11:18	03/24/21 17:54	77-47-4	
Hexachloroethane	ND	ug/kg	388	148	1	03/24/21 11:18	03/24/21 17:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	388	153	1	03/24/21 11:18	03/24/21 17:54	193-39-5	
Isophorone	ND	ug/kg	388	173	1	03/24/21 11:18	03/24/21 17:54	78-59-1	
1-Methylnaphthalene	ND	ug/kg	388	137	1	03/24/21 11:18	03/24/21 17:54	90-12-0	
2-Methylnaphthalene	ND	ug/kg	388	155	1	03/24/21 11:18	03/24/21 17:54	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (0.5-1.0) **Lab ID: 92528011019** Collected: 03/15/21 15:55 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	388	159	1	03/24/21 11:18	03/24/21 17:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	388	157	1	03/24/21 11:18	03/24/21 17:54	15831-10-4	
2-Nitroaniline	ND	ug/kg	1940	318	1	03/24/21 11:18	03/24/21 17:54	88-74-4	
3-Nitroaniline	ND	ug/kg	1940	305	1	03/24/21 11:18	03/24/21 17:54	99-09-2	
4-Nitroaniline	ND	ug/kg	777	295	1	03/24/21 11:18	03/24/21 17:54	100-01-6	
Nitrobenzene	ND	ug/kg	388	180	1	03/24/21 11:18	03/24/21 17:54	98-95-3	
2-Nitrophenol	ND	ug/kg	388	168	1	03/24/21 11:18	03/24/21 17:54	88-75-5	
4-Nitrophenol	ND	ug/kg	1940	751	1	03/24/21 11:18	03/24/21 17:54	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	388	131	1	03/24/21 11:18	03/24/21 17:54	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	388	146	1	03/24/21 11:18	03/24/21 17:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	388	138	1	03/24/21 11:18	03/24/21 17:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	388	185	1	03/24/21 11:18	03/24/21 17:54	108-60-1	
Pentachlorophenol	ND	ug/kg	777	380	1	03/24/21 11:18	03/24/21 17:54	87-86-5	
Phenanthrene	ND	ug/kg	388	127	1	03/24/21 11:18	03/24/21 17:54	85-01-8	
Phenol	ND	ug/kg	388	173	1	03/24/21 11:18	03/24/21 17:54	108-95-2	
Pyrene	ND	ug/kg	388	158	1	03/24/21 11:18	03/24/21 17:54	129-00-0	
Pyridine	ND	ug/kg	388	122	1	03/24/21 11:18	03/24/21 17:54	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	388	178	1	03/24/21 11:18	03/24/21 17:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	388	160	1	03/24/21 11:18	03/24/21 17:54	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	03/24/21 11:18	03/24/21 17:54	4165-60-0	
2-Fluorobiphenyl (S)	66	%	19-130		1	03/24/21 11:18	03/24/21 17:54	321-60-8	
Terphenyl-d14 (S)	93	%	15-130		1	03/24/21 11:18	03/24/21 17:54	1718-51-0	
Phenol-d6 (S)	62	%	18-130		1	03/24/21 11:18	03/24/21 17:54	13127-88-3	
2-Fluorophenol (S)	60	%	18-130		1	03/24/21 11:18	03/24/21 17:54	367-12-4	
2,4,6-Tribromophenol (S)	61	%	18-130		1	03/24/21 11:18	03/24/21 17:54	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	141	45.3	1	03/24/21 11:57	03/24/21 15:24	67-64-1	
Benzene	ND	ug/kg	7.1	2.8	1	03/24/21 11:57	03/24/21 15:24	71-43-2	
Bromobenzene	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 15:24	108-86-1	
Bromochloromethane	ND	ug/kg	7.1	2.1	1	03/24/21 11:57	03/24/21 15:24	74-97-5	
Bromodichloromethane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 15:24	75-27-4	
Bromoform	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	75-25-2	
Bromomethane	ND	ug/kg	14.1	11.1	1	03/24/21 11:57	03/24/21 15:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	141	33.8	1	03/24/21 11:57	03/24/21 15:24	78-93-3	
n-Butylbenzene	ND	ug/kg	7.1	3.3	1	03/24/21 11:57	03/24/21 15:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 15:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.1	2.6	1	03/24/21 11:57	03/24/21 15:24	56-23-5	
Chlorobenzene	ND	ug/kg	7.1	1.4	1	03/24/21 11:57	03/24/21 15:24	108-90-7	
Chloroethane	ND	ug/kg	14.1	5.4	1	03/24/21 11:57	03/24/21 15:24	75-00-3	
Chloroform	ND	ug/kg	7.1	4.3	1	03/24/21 11:57	03/24/21 15:24	67-66-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (0.5-1.0) Lab ID: 92528011019 Collected: 03/15/21 15:55 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloromethane	ND	ug/kg	14.1	5.9	1	03/24/21 11:57	03/24/21 15:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.1	1.2	1	03/24/21 11:57	03/24/21 15:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 15:24	96-12-8	
Dibromochloromethane	ND	ug/kg	7.1	4.0	1	03/24/21 11:57	03/24/21 15:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 15:24	106-93-4	
Dibromomethane	ND	ug/kg	7.1	1.5	1	03/24/21 11:57	03/24/21 15:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.1	1.8	1	03/24/21 11:57	03/24/21 15:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.1	3.1	1	03/24/21 11:57	03/24/21 15:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.1	2.9	1	03/24/21 11:57	03/24/21 15:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.1	4.7	1	03/24/21 11:57	03/24/21 15:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.1	2.9	1	03/24/21 11:57	03/24/21 15:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 15:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.1	2.1	1	03/24/21 11:57	03/24/21 15:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 15:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 15:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.1	3.4	1	03/24/21 11:57	03/24/21 15:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 15:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 15:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 15:24	108-20-3	
Ethylbenzene	ND	ug/kg	7.1	3.3	1	03/24/21 11:57	03/24/21 15:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.1	11.5	1	03/24/21 11:57	03/24/21 15:24	87-68-3	
2-Hexanone	ND	ug/kg	70.5	6.8	1	03/24/21 11:57	03/24/21 15:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 15:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.1	3.5	1	03/24/21 11:57	03/24/21 15:24	99-87-6	
Methylene Chloride	ND	ug/kg	28.2	19.3	1	03/24/21 11:57	03/24/21 15:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	70.5	6.8	1	03/24/21 11:57	03/24/21 15:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.1	2.6	1	03/24/21 11:57	03/24/21 15:24	1634-04-4	
Naphthalene	7.7	ug/kg	7.1	3.7	1	03/24/21 11:57	03/24/21 15:24	91-20-3	
n-Propylbenzene	ND	ug/kg	7.1	2.5	1	03/24/21 11:57	03/24/21 15:24	103-65-1	
Styrene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 15:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.1	2.7	1	03/24/21 11:57	03/24/21 15:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 15:24	79-34-5	
Tetrachloroethene	ND	ug/kg	7.1	2.2	1	03/24/21 11:57	03/24/21 15:24	127-18-4	
Toluene	4.6J	ug/kg	7.1	2.0	1	03/24/21 11:57	03/24/21 15:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.1	5.7	1	03/24/21 11:57	03/24/21 15:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.1	5.9	1	03/24/21 11:57	03/24/21 15:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.1	3.7	1	03/24/21 11:57	03/24/21 15:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.1	2.3	1	03/24/21 11:57	03/24/21 15:24	79-00-5	
Trichloroethene	ND	ug/kg	7.1	1.8	1	03/24/21 11:57	03/24/21 15:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.1	3.9	1	03/24/21 11:57	03/24/21 15:24	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Sample: RI-SB-24 (0.5-1.0) **Lab ID: 92528011019** Collected: 03/15/21 15:55 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/kg	7.1	3.6	1	03/24/21 11:57	03/24/21 15:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.1	1.9	1	03/24/21 11:57	03/24/21 15:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.1	2.4	1	03/24/21 11:57	03/24/21 15:24	108-67-8	
Vinyl acetate	ND	ug/kg	70.5	5.1	1	03/24/21 11:57	03/24/21 15:24	108-05-4	
Vinyl chloride	ND	ug/kg	14.1	3.6	1	03/24/21 11:57	03/24/21 15:24	75-01-4	
Xylene (Total)	ND	ug/kg	14.1	4.0	1	03/24/21 11:57	03/24/21 15:24	1330-20-7	
m&p-Xylene	ND	ug/kg	14.1	4.8	1	03/24/21 11:57	03/24/21 15:24	179601-23-1	
o-Xylene	ND	ug/kg	7.1	3.1	1	03/24/21 11:57	03/24/21 15:24	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/24/21 11:57	03/24/21 15:24	2037-26-5	
4-Bromofluorobenzene (S)	96	%	69-134		1	03/24/21 11:57	03/24/21 15:24	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1	03/24/21 11:57	03/24/21 15:24	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	14.7	%	0.10	0.10	1		03/17/21 14:13		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (5.5-6.0) **Lab ID: 92528011020** Collected: 03/15/21 16:00 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	492	173	1	03/24/21 11:18	03/24/21 18:22	83-32-9	
Acenaphthylene	194J	ug/kg	492	173	1	03/24/21 11:18	03/24/21 18:22	208-96-8	
Aniline	ND	ug/kg	492	192	1	03/24/21 11:18	03/24/21 18:22	62-53-3	
Anthracene	ND	ug/kg	492	161	1	03/24/21 11:18	03/24/21 18:22	120-12-7	
Benzo(a)anthracene	172J	ug/kg	492	164	1	03/24/21 11:18	03/24/21 18:22	56-55-3	
Benzo(a)pyrene	184J	ug/kg	492	170	1	03/24/21 11:18	03/24/21 18:22	50-32-8	
Benzo(b)fluoranthene	306J	ug/kg	492	164	1	03/24/21 11:18	03/24/21 18:22	205-99-2	
Benzo(g,h,i)perylene	224J	ug/kg	492	191	1	03/24/21 11:18	03/24/21 18:22	191-24-2	v1
Benzo(k)fluoranthene	ND	ug/kg	492	173	1	03/24/21 11:18	03/24/21 18:22	207-08-9	
Benzoic Acid	ND	ug/kg	2460	1060	1	03/24/21 11:18	03/24/21 18:22	65-85-0	
Benzyl alcohol	ND	ug/kg	984	373	1	03/24/21 11:18	03/24/21 18:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	492	189	1	03/24/21 11:18	03/24/21 18:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	492	207	1	03/24/21 11:18	03/24/21 18:22	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	984	346	1	03/24/21 11:18	03/24/21 18:22	59-50-7	
4-Chloroaniline	ND	ug/kg	984	386	1	03/24/21 11:18	03/24/21 18:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	492	204	1	03/24/21 11:18	03/24/21 18:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	492	185	1	03/24/21 11:18	03/24/21 18:22	111-44-4	
2-Chloronaphthalene	ND	ug/kg	492	195	1	03/24/21 11:18	03/24/21 18:22	91-58-7	
2-Chlorophenol	ND	ug/kg	492	185	1	03/24/21 11:18	03/24/21 18:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	492	183	1	03/24/21 11:18	03/24/21 18:22	7005-72-3	
Chrysene	199J	ug/kg	492	179	1	03/24/21 11:18	03/24/21 18:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	492	189	1	03/24/21 11:18	03/24/21 18:22	53-70-3	
Dibenzofuran	ND	ug/kg	492	177	1	03/24/21 11:18	03/24/21 18:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	984	332	1	03/24/21 11:18	03/24/21 18:22	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	492	192	1	03/24/21 11:18	03/24/21 18:22	120-83-2	
Diethylphthalate	ND	ug/kg	492	180	1	03/24/21 11:18	03/24/21 18:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	492	204	1	03/24/21 11:18	03/24/21 18:22	105-67-9	
Dimethylphthalate	ND	ug/kg	492	179	1	03/24/21 11:18	03/24/21 18:22	131-11-3	
Di-n-butylphthalate	ND	ug/kg	492	165	1	03/24/21 11:18	03/24/21 18:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	984	459	1	03/24/21 11:18	03/24/21 18:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2460	1520	1	03/24/21 11:18	03/24/21 18:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	492	189	1	03/24/21 11:18	03/24/21 18:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	492	180	1	03/24/21 11:18	03/24/21 18:22	606-20-2	
Di-n-octylphthalate	ND	ug/kg	492	194	1	03/24/21 11:18	03/24/21 18:22	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	492	191	1	03/24/21 11:18	03/24/21 18:22	117-81-7	
Fluoranthene	267J	ug/kg	492	168	1	03/24/21 11:18	03/24/21 18:22	206-44-0	
Fluorene	ND	ug/kg	492	173	1	03/24/21 11:18	03/24/21 18:22	86-73-7	
Hexachlorobenzene	ND	ug/kg	492	192	1	03/24/21 11:18	03/24/21 18:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	492	282	1	03/24/21 11:18	03/24/21 18:22	77-47-4	
Hexachloroethane	ND	ug/kg	492	188	1	03/24/21 11:18	03/24/21 18:22	67-72-1	
Indeno(1,2,3-cd)pyrene	209J	ug/kg	492	194	1	03/24/21 11:18	03/24/21 18:22	193-39-5	
Isophorone	ND	ug/kg	492	219	1	03/24/21 11:18	03/24/21 18:22	78-59-1	
1-Methylnaphthalene	ND	ug/kg	492	173	1	03/24/21 11:18	03/24/21 18:22	90-12-0	
2-Methylnaphthalene	ND	ug/kg	492	197	1	03/24/21 11:18	03/24/21 18:22	91-57-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (5.5-6.0) Lab ID: 92528011020 Collected: 03/15/21 16:00 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylphenol(o-Cresol)	ND	ug/kg	492	201	1	03/24/21 11:18	03/24/21 18:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	492	198	1	03/24/21 11:18	03/24/21 18:22	15831-10-4	
2-Nitroaniline	ND	ug/kg	2460	402	1	03/24/21 11:18	03/24/21 18:22	88-74-4	
3-Nitroaniline	ND	ug/kg	2460	386	1	03/24/21 11:18	03/24/21 18:22	99-09-2	
4-Nitroaniline	ND	ug/kg	984	374	1	03/24/21 11:18	03/24/21 18:22	100-01-6	
Nitrobenzene	ND	ug/kg	492	228	1	03/24/21 11:18	03/24/21 18:22	98-95-3	
2-Nitrophenol	ND	ug/kg	492	213	1	03/24/21 11:18	03/24/21 18:22	88-75-5	
4-Nitrophenol	ND	ug/kg	2460	951	1	03/24/21 11:18	03/24/21 18:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	492	165	1	03/24/21 11:18	03/24/21 18:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	492	185	1	03/24/21 11:18	03/24/21 18:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	492	174	1	03/24/21 11:18	03/24/21 18:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	492	234	1	03/24/21 11:18	03/24/21 18:22	108-60-1	
Pentachlorophenol	ND	ug/kg	984	481	1	03/24/21 11:18	03/24/21 18:22	87-86-5	
Phenanthrene	ND	ug/kg	492	161	1	03/24/21 11:18	03/24/21 18:22	85-01-8	
Phenol	ND	ug/kg	492	219	1	03/24/21 11:18	03/24/21 18:22	108-95-2	
Pyrene	261J	ug/kg	492	200	1	03/24/21 11:18	03/24/21 18:22	129-00-0	
Pyridine	ND	ug/kg	492	155	1	03/24/21 11:18	03/24/21 18:22	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	492	225	1	03/24/21 11:18	03/24/21 18:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	492	203	1	03/24/21 11:18	03/24/21 18:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	56	%	21-130		1	03/24/21 11:18	03/24/21 18:22	4165-60-0	
2-Fluorobiphenyl (S)	44	%	19-130		1	03/24/21 11:18	03/24/21 18:22	321-60-8	
Terphenyl-d14 (S)	75	%	15-130		1	03/24/21 11:18	03/24/21 18:22	1718-51-0	
Phenol-d6 (S)	53	%	18-130		1	03/24/21 11:18	03/24/21 18:22	13127-88-3	
2-Fluorophenol (S)	55	%	18-130		1	03/24/21 11:18	03/24/21 18:22	367-12-4	
2,4,6-Tribromophenol (S)	65	%	18-130		1	03/24/21 11:18	03/24/21 18:22	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	273	ug/kg	222	71.2	1	03/24/21 11:57	03/24/21 15:42	67-64-1	
Benzene	5.7J	ug/kg	11.1	4.4	1	03/24/21 11:57	03/24/21 15:42	71-43-2	
Bromobenzene	ND	ug/kg	11.1	3.6	1	03/24/21 11:57	03/24/21 15:42	108-86-1	
Bromochloromethane	ND	ug/kg	11.1	3.3	1	03/24/21 11:57	03/24/21 15:42	74-97-5	
Bromodichloromethane	ND	ug/kg	11.1	4.3	1	03/24/21 11:57	03/24/21 15:42	75-27-4	
Bromoform	ND	ug/kg	11.1	3.9	1	03/24/21 11:57	03/24/21 15:42	75-25-2	
Bromomethane	ND	ug/kg	22.2	17.5	1	03/24/21 11:57	03/24/21 15:42	74-83-9	
2-Butanone (MEK)	117J	ug/kg	222	53.2	1	03/24/21 11:57	03/24/21 15:42	78-93-3	
n-Butylbenzene	ND	ug/kg	11.1	5.2	1	03/24/21 11:57	03/24/21 15:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	11.1	4.9	1	03/24/21 11:57	03/24/21 15:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	11.1	3.9	1	03/24/21 11:57	03/24/21 15:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	11.1	4.1	1	03/24/21 11:57	03/24/21 15:42	56-23-5	
Chlorobenzene	17.2	ug/kg	11.1	2.1	1	03/24/21 11:57	03/24/21 15:42	108-90-7	
Chloroethane	ND	ug/kg	22.2	8.6	1	03/24/21 11:57	03/24/21 15:42	75-00-3	
Chloroform	ND	ug/kg	11.1	6.7	1	03/24/21 11:57	03/24/21 15:42	67-66-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (5.5-6.0) Lab ID: 92528011020 Collected: 03/15/21 16:00 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloromethane	ND	ug/kg	22.2	9.3	1	03/24/21 11:57	03/24/21 15:42	74-87-3	
2-Chlorotoluene	ND	ug/kg	11.1	3.9	1	03/24/21 11:57	03/24/21 15:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	11.1	2.0	1	03/24/21 11:57	03/24/21 15:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.1	4.3	1	03/24/21 11:57	03/24/21 15:42	96-12-8	
Dibromochloromethane	ND	ug/kg	11.1	6.2	1	03/24/21 11:57	03/24/21 15:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	11.1	4.9	1	03/24/21 11:57	03/24/21 15:42	106-93-4	
Dibromomethane	ND	ug/kg	11.1	2.4	1	03/24/21 11:57	03/24/21 15:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	11.1	4.0	1	03/24/21 11:57	03/24/21 15:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	11.1	3.4	1	03/24/21 11:57	03/24/21 15:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	11.1	2.9	1	03/24/21 11:57	03/24/21 15:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	22.2	4.8	1	03/24/21 11:57	03/24/21 15:42	75-71-8	
1,1-Dichloroethane	ND	ug/kg	11.1	4.6	1	03/24/21 11:57	03/24/21 15:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	11.1	7.3	1	03/24/21 11:57	03/24/21 15:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	11.1	4.6	1	03/24/21 11:57	03/24/21 15:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	11.1	3.8	1	03/24/21 11:57	03/24/21 15:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	11.1	3.9	1	03/24/21 11:57	03/24/21 15:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	11.1	3.3	1	03/24/21 11:57	03/24/21 15:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	11.1	3.5	1	03/24/21 11:57	03/24/21 15:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	11.1	3.6	1	03/24/21 11:57	03/24/21 15:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	11.1	5.3	1	03/24/21 11:57	03/24/21 15:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	11.1	3.0	1	03/24/21 11:57	03/24/21 15:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	11.1	3.8	1	03/24/21 11:57	03/24/21 15:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	11.1	3.0	1	03/24/21 11:57	03/24/21 15:42	108-20-3	
Ethylbenzene	19.0	ug/kg	11.1	5.2	1	03/24/21 11:57	03/24/21 15:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	22.2	18.1	1	03/24/21 11:57	03/24/21 15:42	87-68-3	
2-Hexanone	ND	ug/kg	111	10.7	1	03/24/21 11:57	03/24/21 15:42	591-78-6	
Isopropylbenzene (Cumene)	254	ug/kg	11.1	3.8	1	03/24/21 11:57	03/24/21 15:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	11.1	5.5	1	03/24/21 11:57	03/24/21 15:42	99-87-6	
Methylene Chloride	ND	ug/kg	44.4	30.4	1	03/24/21 11:57	03/24/21 15:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	111	10.7	1	03/24/21 11:57	03/24/21 15:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	11.1	4.1	1	03/24/21 11:57	03/24/21 15:42	1634-04-4	
Naphthalene	1320	ug/kg	11.1	5.8	1	03/24/21 11:57	03/24/21 15:42	91-20-3	
n-Propylbenzene	16.1	ug/kg	11.1	3.9	1	03/24/21 11:57	03/24/21 15:42	103-65-1	
Styrene	ND	ug/kg	11.1	2.9	1	03/24/21 11:57	03/24/21 15:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	11.1	4.3	1	03/24/21 11:57	03/24/21 15:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	11.1	2.9	1	03/24/21 11:57	03/24/21 15:42	79-34-5	
Tetrachloroethene	ND	ug/kg	11.1	3.5	1	03/24/21 11:57	03/24/21 15:42	127-18-4	
Toluene	24.1	ug/kg	11.1	3.2	1	03/24/21 11:57	03/24/21 15:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	11.1	9.0	1	03/24/21 11:57	03/24/21 15:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	11.1	9.3	1	03/24/21 11:57	03/24/21 15:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	11.1	5.8	1	03/24/21 11:57	03/24/21 15:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	11.1	3.7	1	03/24/21 11:57	03/24/21 15:42	79-00-5	
Trichloroethene	ND	ug/kg	11.1	2.9	1	03/24/21 11:57	03/24/21 15:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	11.1	6.1	1	03/24/21 11:57	03/24/21 15:42	75-69-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: RI-SB-24 (5.5-6.0) **Lab ID: 92528011020** Collected: 03/15/21 16:00 Received: 03/16/21 11:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,2,3-Trichloropropane	ND	ug/kg	11.1	5.6	1	03/24/21 11:57	03/24/21 15:42	96-18-4	
1,2,4-Trimethylbenzene	69.3	ug/kg	11.1	3.0	1	03/24/21 11:57	03/24/21 15:42	95-63-6	
1,3,5-Trimethylbenzene	29.9	ug/kg	11.1	3.7	1	03/24/21 11:57	03/24/21 15:42	108-67-8	
Vinyl acetate	ND	ug/kg	111	8.1	1	03/24/21 11:57	03/24/21 15:42	108-05-4	
Vinyl chloride	ND	ug/kg	22.2	5.6	1	03/24/21 11:57	03/24/21 15:42	75-01-4	
Xylene (Total)	174	ug/kg	22.2	6.3	1	03/24/21 11:57	03/24/21 15:42	1330-20-7	
m&p-Xylene	94.2	ug/kg	22.2	7.6	1	03/24/21 11:57	03/24/21 15:42	179601-23-1	
o-Xylene	80.1	ug/kg	11.1	4.9	1	03/24/21 11:57	03/24/21 15:42	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/24/21 11:57	03/24/21 15:42	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-134		1	03/24/21 11:57	03/24/21 15:42	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	03/24/21 11:57	03/24/21 15:42	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	33.1	%	0.10	0.10	1		03/17/21 14:13		N2

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: TRIP BLANK **Lab ID: 92528011021** Collected: 03/15/21 00:00 Received: 03/16/21 11:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/18/21 15:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/18/21 15:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/18/21 15:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/18/21 15:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/18/21 15:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/18/21 15:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/18/21 15:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/18/21 15:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/18/21 15:44	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/18/21 15:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/18/21 15:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/18/21 15:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/18/21 15:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/18/21 15:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/18/21 15:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/18/21 15:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/18/21 15:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/18/21 15:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/18/21 15:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/18/21 15:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/18/21 15:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/18/21 15:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/18/21 15:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/18/21 15:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/18/21 15:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/18/21 15:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/18/21 15:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/18/21 15:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/18/21 15:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/18/21 15:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/18/21 15:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/18/21 15:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/18/21 15:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/18/21 15:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/18/21 15:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/18/21 15:44	79-34-5	

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ANALYTICAL RESULTS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Sample: TRIP BLANK		Lab ID: 92528011021		Collected: 03/15/21 00:00		Received: 03/16/21 11:45		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/18/21 15:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/18/21 15:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/18/21 15:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/18/21 15:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/18/21 15:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/18/21 15:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/18/21 15:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/18/21 15:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/18/21 15:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/18/21 15:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/18/21 15:44	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/18/21 15:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/18/21 15:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/18/21 15:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		03/18/21 15:44	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		03/18/21 15:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		03/18/21 15:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607594 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011021

METHOD BLANK: 3200736 Matrix: Water

Associated Lab Samples: 92528011021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/18/21 15:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/18/21 15:08	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/18/21 15:08	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/18/21 15:08	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/18/21 15:08	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/18/21 15:08	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/18/21 15:08	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/18/21 15:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/18/21 15:08	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/18/21 15:08	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/18/21 15:08	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/18/21 15:08	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/18/21 15:08	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/18/21 15:08	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/18/21 15:08	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
2-Hexanone	ug/L	ND	5.0	0.48	03/18/21 15:08	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/18/21 15:08	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/18/21 15:08	
Acetone	ug/L	ND	25.0	5.1	03/18/21 15:08	
Benzene	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromobenzene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Bromochloromethane	ug/L	ND	1.0	0.47	03/18/21 15:08	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/18/21 15:08	
Bromoform	ug/L	ND	1.0	0.34	03/18/21 15:08	
Bromomethane	ug/L	ND	2.0	1.7	03/18/21 15:08	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/18/21 15:08	
Chlorobenzene	ug/L	ND	1.0	0.28	03/18/21 15:08	
Chloroethane	ug/L	ND	1.0	0.65	03/18/21 15:08	
Chloroform	ug/L	ND	5.0	1.6	03/18/21 15:08	
Chloromethane	ug/L	ND	1.0	0.54	03/18/21 15:08	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/18/21 15:08	
Dibromomethane	ug/L	ND	1.0	0.39	03/18/21 15:08	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/18/21 15:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

METHOD BLANK: 3200736

Matrix: Water

Associated Lab Samples: 92528011021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/18/21 15:08	
Ethylbenzene	ug/L	ND	1.0	0.30	03/18/21 15:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/18/21 15:08	
m&p-Xylene	ug/L	ND	2.0	0.71	03/18/21 15:08	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/18/21 15:08	
Methylene Chloride	ug/L	ND	5.0	2.0	03/18/21 15:08	
Naphthalene	ug/L	ND	1.0	0.64	03/18/21 15:08	
o-Xylene	ug/L	ND	1.0	0.34	03/18/21 15:08	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/18/21 15:08	
Styrene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/18/21 15:08	
Toluene	ug/L	ND	1.0	0.48	03/18/21 15:08	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/18/21 15:08	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/18/21 15:08	
Trichloroethene	ug/L	ND	1.0	0.38	03/18/21 15:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/18/21 15:08	
Vinyl acetate	ug/L	ND	2.0	1.3	03/18/21 15:08	
Vinyl chloride	ug/L	ND	1.0	0.39	03/18/21 15:08	
Xylene (Total)	ug/L	ND	1.0	0.34	03/18/21 15:08	
1,2-Dichloroethane-d4 (S)	%	99	70-130		03/18/21 15:08	
4-Bromofluorobenzene (S)	%	98	70-130		03/18/21 15:08	
Toluene-d8 (S)	%	100	70-130		03/18/21 15:08	

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.6	101	70-130	
1,1,1-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.7	97	70-130	
1,1,2-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethane	ug/L	50	50.2	100	70-130	
1,1-Dichloroethene	ug/L	50	50.4	101	70-130	
1,1-Dichloropropene	ug/L	50	50.8	102	70-130	
1,2,3-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2,3-Trichloropropane	ug/L	50	48.7	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.6	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.5	103	70-130	
1,2-Dichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dichloroethane	ug/L	50	49.5	99	70-130	
1,2-Dichloropropane	ug/L	50	50.9	102	70-130	
1,3-Dichlorobenzene	ug/L	50	51.8	104	70-130	
1,3-Dichloropropane	ug/L	50	49.9	100	70-130	
1,4-Dichlorobenzene	ug/L	50	49.0	98	70-130	
2,2-Dichloropropane	ug/L	50	50.9	102	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	97.1	97	70-130	
2-Chlorotoluene	ug/L	50	50.2	100	70-130	
2-Hexanone	ug/L	100	97.0	97	70-130	
4-Chlorotoluene	ug/L	50	50.2	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.1	97	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	49.7	99	70-130	
Bromobenzene	ug/L	50	49.8	100	70-130	
Bromochloromethane	ug/L	50	51.5	103	70-130	
Bromodichloromethane	ug/L	50	45.8	92	70-130	
Bromoform	ug/L	50	51.3	103	70-130	
Bromomethane	ug/L	50	50.5	101	70-130	
Carbon tetrachloride	ug/L	50	49.7	99	70-130	
Chlorobenzene	ug/L	50	50.7	101	70-130	
Chloroethane	ug/L	50	46.5	93	70-130	
Chloroform	ug/L	50	50.7	101	70-130	
Chloromethane	ug/L	50	43.9	88	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Dibromochloromethane	ug/L	50	51.2	102	70-130	
Dibromomethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	41.5	83	70-130	
Diisopropyl ether	ug/L	50	48.0	96	70-130	
Ethylbenzene	ug/L	50	49.8	100	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.6	103	70-130	
m&p-Xylene	ug/L	100	98.9	99	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	49.1	98	70-130	
Naphthalene	ug/L	50	50.1	100	70-130	
o-Xylene	ug/L	50	50.0	100	70-130	
p-Isopropyltoluene	ug/L	50	50.5	101	70-130	
Styrene	ug/L	50	51.1	102	70-130	
Tetrachloroethene	ug/L	50	49.8	100	70-130	
Toluene	ug/L	50	49.7	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	47.0	94	70-130	
Vinyl acetate	ug/L	100	109	109	70-130	
Vinyl chloride	ug/L	50	47.5	95	70-130	
Xylene (Total)	ug/L	150	149	99	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Parameter	Units	3200738		3200739		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	10000	10000	10300	9810	103	98	73-134	5	30		
1,1,1-Trichloroethane	ug/L	ND	10000	10000	10500	10300	105	103	82-143	1	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	10000	10000	9890	9880	99	99	70-136	0	30		
1,1,2-Trichloroethane	ug/L	ND	10000	10000	10400	10300	104	103	70-135	1	30		
1,1-Dichloroethane	ug/L	ND	10000	10000	10200	9930	102	99	70-139	3	30		
1,1-Dichloroethene	ug/L	ND	10000	10000	10600	10300	106	103	70-154	3	30		
1,1-Dichloropropene	ug/L	ND	10000	10000	10500	10200	105	102	70-149	3	30		
1,2,3-Trichlorobenzene	ug/L	ND	10000	10000	10800	10300	108	103	70-135	5	30		
1,2,3-Trichloropropane	ug/L	ND	10000	10000	10400	10300	104	103	71-137	1	30		
1,2,4-Trichlorobenzene	ug/L	ND	10000	10000	10900	10500	109	105	73-140	4	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	10000	10000	10500	10600	105	106	65-134	2	30		
1,2-Dichlorobenzene	ug/L	ND	10000	10000	10500	10100	105	101	70-133	4	30		
1,2-Dichloroethane	ug/L	ND	10000	10000	10200	9840	102	98	70-137	4	30		
1,2-Dichloropropane	ug/L	ND	10000	10000	10700	10400	107	104	70-140	3	30		
1,3-Dichlorobenzene	ug/L	ND	10000	10000	10700	10500	107	105	70-135	2	30		
1,3-Dichloropropane	ug/L	ND	10000	10000	10200	10200	102	102	70-143	1	30		
1,4-Dichlorobenzene	ug/L	ND	10000	10000	10200	9780	102	98	70-133	4	30		
2,2-Dichloropropane	ug/L	ND	10000	10000	9050	9080	91	91	61-148	0	30		
2-Butanone (MEK)	ug/L	ND	20000	20000	19800	20700	99	103	60-139	4	30		
2-Chlorotoluene	ug/L	ND	10000	10000	10700	10500	107	105	70-144	1	30		
2-Hexanone	ug/L	ND	20000	20000	20600	20100	103	101	65-138	2	30		
4-Chlorotoluene	ug/L	ND	10000	10000	10400	10100	104	101	70-137	3	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	20000	20000	20300	20100	101	100	65-135	1	30		
Acetone	ug/L	ND	20000	20000	20800	20500	104	102	60-148	2	30		
Benzene	ug/L	ND	10000	10000	10500	10100	105	101	70-151	4	30		
Bromobenzene	ug/L	ND	10000	10000	10400	10100	104	101	70-136	4	30		
Bromochloromethane	ug/L	ND	10000	10000	9990	10000	100	100	70-141	1	30		
Bromodichloromethane	ug/L	ND	10000	10000	9490	9180	95	92	70-138	3	30		
Bromoform	ug/L	ND	10000	10000	10000	9650	100	96	63-130	4	30		
Bromomethane	ug/L	ND	10000	10000	11100	10000	111	100	15-152	10	30		
Carbon tetrachloride	ug/L	ND	10000	10000	10600	10300	106	103	70-143	4	30		
Chlorobenzene	ug/L	ND	10000	10000	10600	10100	106	101	70-138	4	30		
Chloroethane	ug/L	ND	10000	10000	10200	9970	102	100	52-163	3	30		
Chloroform	ug/L	ND	10000	10000	10100	9940	101	99	70-139	2	30		
Chloromethane	ug/L	ND	10000	10000	8160	8450	82	85	41-139	4	30		
cis-1,2-Dichloroethene	ug/L	4170	10000	10000	13900	14000	97	98	70-141	1	30		
cis-1,3-Dichloropropene	ug/L	ND	10000	10000	9790	9850	98	98	70-137	1	30		
Dibromochloromethane	ug/L	ND	10000	10000	10300	9930	103	99	70-134	3	30		
Dibromomethane	ug/L	ND	10000	10000	10900	10700	109	107	70-138	2	30		
Dichlorodifluoromethane	ug/L	ND	10000	10000	8730	8550	87	86	47-155	2	30		
Diisopropyl ether	ug/L	ND	10000	10000	9670	9640	97	96	63-144	0	30		
Ethylbenzene	ug/L	ND	10000	10000	10400	10200	104	102	66-153	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	10000	10000	10500	10400	105	104	65-149	1	30		
m&p-Xylene	ug/L	ND	20000	20000	20800	20300	104	102	69-152	2	30		

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Parameter	Units	92527568014		3200738		3200739		% Rec	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec							
Methyl-tert-butyl ether	ug/L	ND	10000	10000	10000	9840	100	98	54-156	2	30			
Methylene Chloride	ug/L	ND	10000	10000	9700	9800	97	98	42-159	1	30			
Naphthalene	ug/L	ND	10000	10000	10900	10600	109	106	61-148	2	30			
o-Xylene	ug/L	ND	10000	10000	10300	9960	103	100	70-148	3	30			
p-Isopropyltoluene	ug/L	ND	10000	10000	10500	10100	105	101	70-146	4	30			
Styrene	ug/L	ND	10000	10000	10500	10000	105	100	70-135	4	30			
Tetrachloroethene	ug/L	ND	10000	10000	10600	10600	106	106	59-143	0	30			
Toluene	ug/L	ND	10000	10000	10500	10300	105	103	59-148	2	30			
trans-1,2-Dichloroethene	ug/L	ND	10000	10000	10500	10300	105	103	70-146	1	30			
trans-1,3-Dichloropropene	ug/L	ND	10000	10000	9890	9620	99	96	70-135	3	30			
Trichloroethene	ug/L	64700	10000	10000	74900	73300	101	86	70-147	2	30			
Trichlorofluoromethane	ug/L	ND	10000	10000	10000	9940	100	99	70-148	1	30			
Vinyl acetate	ug/L	ND	20000	20000	21700	21300	108	106	49-151	2	30			
Vinyl chloride	ug/L	ND	10000	10000	9450	9560	94	96	70-156	1	30			
Xylene (Total)	ug/L	ND	30000	30000	31100	30300	104	101	63-158	3	30			
1,2-Dichloroethane-d4 (S)	%						96	99	70-130					
4-Bromofluorobenzene (S)	%						99	98	70-130					
Toluene-d8 (S)	%						99	98	70-130					

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607356 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

METHOD BLANK: 3199767 Matrix: Solid
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/17/21 17:01	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/17/21 17:01	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/17/21 17:01	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/17/21 17:01	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/17/21 17:01	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/17/21 17:01	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/17/21 17:01	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/17/21 17:01	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/17/21 17:01	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/17/21 17:01	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/17/21 17:01	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/17/21 17:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/17/21 17:01	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/17/21 17:01	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/17/21 17:01	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/17/21 17:01	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
2-Hexanone	ug/kg	ND	50.0	4.8	03/17/21 17:01	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/17/21 17:01	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/17/21 17:01	
Acetone	ug/kg	ND	100	32.1	03/17/21 17:01	
Benzene	ug/kg	ND	5.0	2.0	03/17/21 17:01	
Bromobenzene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/17/21 17:01	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Bromoform	ug/kg	ND	5.0	1.8	03/17/21 17:01	
Bromomethane	ug/kg	ND	10.0	7.9	03/17/21 17:01	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/17/21 17:01	
Chloroethane	ug/kg	ND	10.0	3.9	03/17/21 17:01	
Chloroform	ug/kg	ND	5.0	3.0	03/17/21 17:01	
Chloromethane	ug/kg	ND	10.0	4.2	03/17/21 17:01	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/17/21 17:01	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

METHOD BLANK: 3199767

Matrix: Solid

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/17/21 17:01	
Dibromomethane	ug/kg	ND	5.0	1.1	03/17/21 17:01	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/17/21 17:01	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/17/21 17:01	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/17/21 17:01	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/17/21 17:01	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/17/21 17:01	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/17/21 17:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/17/21 17:01	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/17/21 17:01	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/17/21 17:01	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
Naphthalene	ug/kg	ND	5.0	2.6	03/17/21 17:01	
o-Xylene	ug/kg	ND	5.0	2.2	03/17/21 17:01	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/17/21 17:01	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/17/21 17:01	
Styrene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/17/21 17:01	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/17/21 17:01	
Toluene	ug/kg	ND	5.0	1.4	03/17/21 17:01	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/17/21 17:01	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/17/21 17:01	
Trichloroethene	ug/kg	ND	5.0	1.3	03/17/21 17:01	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/17/21 17:01	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/17/21 17:01	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/17/21 17:01	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/17/21 17:01	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/17/21 17:01	
4-Bromofluorobenzene (S)	%	93	69-134		03/17/21 17:01	
Toluene-d8 (S)	%	101	70-130		03/17/21 17:01	

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1320	106	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1300	104	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1360	108	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1270	101	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1310	105	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1310	105	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1340	107	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1330	106	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1230	98	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1340	107	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1380	110	70-130	
1,2-Dichloroethane	ug/kg	1250	1160	93	63-130	
1,2-Dichloropropane	ug/kg	1250	1340	107	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1340	107	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1350	108	70-130	
1,3-Dichloropropane	ug/kg	1250	1360	109	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1310	105	70-130	
2,2-Dichloropropane	ug/kg	1250	1330	106	66-130	
2-Butanone (MEK)	ug/kg	2500	2260	90	70-130	
2-Chlorotoluene	ug/kg	1250	1340	107	70-130	
2-Hexanone	ug/kg	2500	2520	101	70-130	
4-Chlorotoluene	ug/kg	1250	1390	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2490	99	70-130	
Acetone	ug/kg	2500	2360	95	69-130	
Benzene	ug/kg	1250	1310	105	70-130	
Bromobenzene	ug/kg	1250	1300	104	70-130	
Bromochloromethane	ug/kg	1250	1340	107	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1390	111	70-130	
Bromomethane	ug/kg	1250	1810	145	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1270	101	70-130	
Chlorobenzene	ug/kg	1250	1340	107	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1240	99	70-130	
Chloromethane	ug/kg	1250	1350	108	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1340	108	70-130	
Dibromochloromethane	ug/kg	1250	1390	111	70-130	
Dibromomethane	ug/kg	1250	1350	108	70-130	
Dichlorodifluoromethane	ug/kg	1250	1350	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1410	113	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1450	116	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1370	110	70-130	
m&p-Xylene	ug/kg	2500	2690	107	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1190	95	70-130	
Methylene Chloride	ug/kg	1250	1260	101	65-130	
n-Butylbenzene	ug/kg	1250	1390	111	67-130	
n-Propylbenzene	ug/kg	1250	1420	113	70-130	
Naphthalene	ug/kg	1250	1250	100	70-130	
o-Xylene	ug/kg	1250	1380	111	70-130	
p-Isopropyltoluene	ug/kg	1250	1370	110	67-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199768

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1340	107	69-130	
Styrene	ug/kg	1250	1410	112	70-130	
tert-Butylbenzene	ug/kg	1250	982	79	67-130 v3	
Tetrachloroethene	ug/kg	1250	1360	109	70-130	
Toluene	ug/kg	1250	1250	100	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1280	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1320	105	68-130	
Trichloroethene	ug/kg	1250	1330	106	70-130	
Trichlorofluoromethane	ug/kg	1250	1260	101	70-130	
Vinyl acetate	ug/kg	2500	2950	118	70-130	
Vinyl chloride	ug/kg	1250	1280	103	61-130	
Xylene (Total)	ug/kg	3750	4070	109	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3200136

Parameter	Units	92528011003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	696	637	92	70-131	
1,1,1-Trichloroethane	ug/kg	ND	696	635	91	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	696	602	86	66-130	
1,1,2-Trichloroethane	ug/kg	ND	696	671	96	66-133	
1,1-Dichloroethane	ug/kg	ND	696	641	92	65-130	
1,1-Dichloroethene	ug/kg	ND	696	638	92	10-158	
1,1-Dichloropropene	ug/kg	ND	696	643	92	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	696	563	81	27-138	
1,2,3-Trichloropropane	ug/kg	ND	696	599	86	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	696	570	82	51-134	
1,2,4-Trimethylbenzene	ug/kg	11.0	696	637	90	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	696	502	72	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	696	648	93	70-130	
1,2-Dichlorobenzene	ug/kg	ND	696	652	94	69-130	
1,2-Dichloroethane	ug/kg	ND	696	624	90	59-130	
1,2-Dichloropropane	ug/kg	ND	696	685	98	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	696	632	91	65-137	
1,3-Dichlorobenzene	ug/kg	ND	696	628	90	70-130	
1,3-Dichloropropane	ug/kg	ND	696	669	96	70-130	
1,4-Dichlorobenzene	ug/kg	ND	696	626	90	68-130	
2,2-Dichloropropane	ug/kg	ND	696	622	89	32-130	
2-Butanone (MEK)	ug/kg	ND	1390	1010	73	10-136	
2-Chlorotoluene	ug/kg	ND	696	630	90	69-141	
2-Hexanone	ug/kg	ND	1390	759	55	10-144	
4-Chlorotoluene	ug/kg	ND	696	632	91	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1390	1180	85	25-143	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3200136		92528011003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Acetone	ug/kg	ND	1390	826	59	10-130	
Benzene	ug/kg	ND	696	683	98	67-130	
Bromobenzene	ug/kg	ND	696	616	88	70-130	
Bromochloromethane	ug/kg	ND	696	658	95	69-134	
Bromodichloromethane	ug/kg	ND	696	589	85	64-130	
Bromoform	ug/kg	ND	696	611	88	62-130	
Bromomethane	ug/kg	ND	696	617	89	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	696	625	90	65-140	
Chlorobenzene	ug/kg	ND	696	644	92	70-130	
Chloroethane	ug/kg	ND	696	203	29	10-130	
Chloroform	ug/kg	ND	696	663	95	63-130	
Chloromethane	ug/kg	ND	696	833	120	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	696	651	94	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	696	629	90	67-130	
Dibromochloromethane	ug/kg	ND	696	618	89	67-130	
Dibromomethane	ug/kg	ND	696	666	96	63-131	
Dichlorodifluoromethane	ug/kg	ND	696	683	98	44-180	
Diisopropyl ether	ug/kg	ND	696	624	90	63-130	
Ethylbenzene	ug/kg	ND	696	658	94	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	696	629	90	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	696	645	93	69-135	
m&p-Xylene	ug/kg	20.5	1390	1250	88	60-133	
Methyl-tert-butyl ether	ug/kg	ND	696	631	91	65-130	
Methylene Chloride	ug/kg	ND	696	703	101	61-130	
n-Butylbenzene	ug/kg	ND	696	590	85	65-140	
n-Propylbenzene	ug/kg	ND	696	639	92	67-140	
Naphthalene	ug/kg	29.7	696	577	79	15-145	
o-Xylene	ug/kg	12.0	696	648	91	66-133	
p-Isopropyltoluene	ug/kg	ND	696	621	89	56-147	
sec-Butylbenzene	ug/kg	ND	696	623	89	65-139	
Styrene	ug/kg	ND	696	643	92	70-132	
tert-Butylbenzene	ug/kg	ND	696	490	70	62-135	v3
Tetrachloroethene	ug/kg	ND	696	587	84	70-135	
Toluene	ug/kg	12.8	696	634	89	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	696	672	96	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	696	611	88	62-130	
Trichloroethene	ug/kg	ND	696	682	98	70-135	
Trichlorofluoromethane	ug/kg	ND	696	240	34	10-130	
Vinyl acetate	ug/kg	ND	1390	1380	99	53-130	
Vinyl chloride	ug/kg	ND	696	684	98	61-148	
Xylene (Total)	ug/kg	32.5	2090	1890	89	63-132	
1,2-Dichloroethane-d4 (S)	%				123	70-130	
4-Bromofluorobenzene (S)	%				94	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199769

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199769

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30 v2	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	96	94			
Toluene-d8 (S)	%	102	99			

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607623 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011007

METHOD BLANK: 3200879 Matrix: Solid

Associated Lab Samples: 92528011007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/18/21 17:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/18/21 17:44	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/18/21 17:44	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/18/21 17:44	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/18/21 17:44	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/18/21 17:44	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/18/21 17:44	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/18/21 17:44	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
2-Hexanone	ug/kg	ND	50.0	4.8	03/18/21 17:44	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/18/21 17:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/18/21 17:44	
Acetone	ug/kg	ND	100	32.1	03/18/21 17:44	
Benzene	ug/kg	ND	5.0	2.0	03/18/21 17:44	
Bromobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Bromoform	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Bromomethane	ug/kg	ND	10.0	7.9	03/18/21 17:44	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/18/21 17:44	
Chloroethane	ug/kg	ND	10.0	3.9	03/18/21 17:44	
Chloroform	ug/kg	ND	5.0	3.0	03/18/21 17:44	
Chloromethane	ug/kg	ND	10.0	4.2	03/18/21 17:44	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/18/21 17:44	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528011007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Dibromomethane	ug/kg	ND	5.0	1.1	03/18/21 17:44	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/18/21 17:44	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/18/21 17:44	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/18/21 17:44	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/18/21 17:44	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/18/21 17:44	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/18/21 17:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/18/21 17:44	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Naphthalene	ug/kg	ND	5.0	2.6	03/18/21 17:44	
o-Xylene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/18/21 17:44	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
Styrene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Toluene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
Trichloroethene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/18/21 17:44	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/18/21 17:44	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/18/21 17:44	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/18/21 17:44	
4-Bromofluorobenzene (S)	%	92	69-134		03/18/21 17:44	
Toluene-d8 (S)	%	101	70-130		03/18/21 17:44	

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1280	102	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1290	103	68-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1320	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1330	106	70-130	
1,2-Dichloroethane	ug/kg	1250	1150	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1280	103	70-130	
2,2-Dichloropropane	ug/kg	1250	1270	101	66-130	
2-Butanone (MEK)	ug/kg	2500	2270	91	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2490	99	70-130	
4-Chlorotoluene	ug/kg	1250	1340	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2420	97	70-130	
Acetone	ug/kg	2500	2310	93	69-130	
Benzene	ug/kg	1250	1260	101	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1320	106	70-130	
Bromodichloromethane	ug/kg	1250	1160	93	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1820	146	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1220	98	70-130	
Chlorobenzene	ug/kg	1250	1290	103	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1330	107	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1190	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1340	107	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1370	109	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1310	105	70-130	
m&p-Xylene	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1330	107	67-130	
n-Propylbenzene	ug/kg	1250	1330	107	70-130	
Naphthalene	ug/kg	1250	1200	96	70-130	
o-Xylene	ug/kg	1250	1330	107	70-130	
p-Isopropyltoluene	ug/kg	1250	1300	104	67-130	
sec-Butylbenzene	ug/kg	1250	1280	102	69-130	
Styrene	ug/kg	1250	1350	108	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	923	74	67-130	v2
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1280	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	98	70-130	
Vinyl acetate	ug/kg	2500	2920	117	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3940	105	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1690	1890	112	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1690	1860	110	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1690	1820	108	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1690	1970	117	66-133	
1,1-Dichloroethane	ug/kg	ND	1690	1910	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1690	1950	115	10-158	
1,1-Dichloropropene	ug/kg	ND	1690	1860	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1690	1610	95	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1690	1770	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1690	1710	101	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1690	1890	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1690	1430	85	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1690	1890	112	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1690	2020	120	69-130	
1,2-Dichloroethane	ug/kg	ND	1690	1820	108	59-130	
1,2-Dichloropropane	ug/kg	ND	1690	1990	118	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1690	1880	111	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1690	1890	112	70-130	
1,3-Dichloropropane	ug/kg	ND	1690	1980	118	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1690	1880	111	68-130	
2,2-Dichloropropane	ug/kg	ND	1690	1810	107	32-130	
2-Butanone (MEK)	ug/kg	ND	3370	2940	87	10-136	
2-Chlorotoluene	ug/kg	ND	1690	1930	115	69-141	
2-Hexanone	ug/kg	ND	3370	3140	93	10-144	
4-Chlorotoluene	ug/kg	ND	1690	1970	117	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	3370	3340	99	25-143	
Acetone	ug/kg	ND	3370	2430	72	10-130	
Benzene	ug/kg	ND	1690	1960	116	67-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

MATRIX SPIKE SAMPLE:	3200882	92528353002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	1690	1900	112	70-130	
Bromochloromethane	ug/kg	ND	1690	2100	125	69-134	
Bromodichloromethane	ug/kg	ND	1690	1710	101	64-130	
Bromoform	ug/kg	ND	1690	1780	106	62-130	
Bromomethane	ug/kg	ND	1690	1990	118	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	1690	1790	106	65-140	
Chlorobenzene	ug/kg	ND	1690	1950	116	70-130	
Chloroethane	ug/kg	ND	1690	713	42	10-130	
Chloroform	ug/kg	ND	1690	1940	115	63-130	
Chloromethane	ug/kg	ND	1690	2290	136	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1690	1880	112	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1690	1860	110	67-130	
Dibromochloromethane	ug/kg	ND	1690	1860	110	67-130	
Dibromomethane	ug/kg	ND	1690	1890	112	63-131	
Dichlorodifluoromethane	ug/kg	ND	1690	2000	118	44-180	
Diisopropyl ether	ug/kg	ND	1690	1850	110	63-130	
Ethylbenzene	ug/kg	9.2J	1690	2030	120	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1690	1920	114	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	1690	1920	114	69-135	
m&p-Xylene	ug/kg	65.9	3370	3890	113	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1690	1800	106	65-130	
Methylene Chloride	ug/kg	ND	1690	1990	118	61-130	
n-Butylbenzene	ug/kg	ND	1690	1880	111	65-140	
n-Propylbenzene	ug/kg	ND	1690	1960	116	67-140	
Naphthalene	ug/kg	ND	1690	1460	86	15-145	
o-Xylene	ug/kg	24.0	1690	1950	114	66-133	
p-Isopropyltoluene	ug/kg	ND	1690	1870	111	56-147	
sec-Butylbenzene	ug/kg	ND	1690	1900	113	65-139	
Styrene	ug/kg	ND	1690	1990	118	70-132	
tert-Butylbenzene	ug/kg	ND	1690	1400	83	62-135	v2
Tetrachloroethene	ug/kg	ND	1690	1840	109	70-135	
Toluene	ug/kg	ND	1690	1810	107	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1690	2000	119	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1690	1750	104	62-130	
Trichloroethene	ug/kg	ND	1690	1990	118	70-135	
Trichlorofluoromethane	ug/kg	ND	1690	800	47	10-130	
Vinyl acetate	ug/kg	ND	3370	4030	120	53-130	
Vinyl chloride	ug/kg	ND	1690	1930	115	61-148	
Xylene (Total)	ug/kg	89.9	5060	5840	114	63-132	
1,2-Dichloroethane-d4 (S)	%				126	70-130	
4-Bromofluorobenzene (S)	%				97	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	3.4J	2.5J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	10.5J	8.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	7.8	7.7	1	30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30 v2	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	9.7	8.8	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	10.5J	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	91	93			
Toluene-d8 (S)	%	102	102			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 608883 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

METHOD BLANK: 3206984 Matrix: Solid
Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/24/21 11:29	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/24/21 11:29	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/24/21 11:29	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/24/21 11:29	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/24/21 11:29	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/24/21 11:29	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/24/21 11:29	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/24/21 11:29	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/24/21 11:29	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/24/21 11:29	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/24/21 11:29	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/24/21 11:29	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/24/21 11:29	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/24/21 11:29	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/24/21 11:29	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/24/21 11:29	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/24/21 11:29	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/24/21 11:29	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/24/21 11:29	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/24/21 11:29	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/24/21 11:29	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/24/21 11:29	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/24/21 11:29	
2-Hexanone	ug/kg	ND	50.0	4.8	03/24/21 11:29	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/24/21 11:29	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/24/21 11:29	
Acetone	ug/kg	ND	100	32.1	03/24/21 11:29	
Benzene	ug/kg	ND	5.0	2.0	03/24/21 11:29	
Bromobenzene	ug/kg	ND	5.0	1.6	03/24/21 11:29	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/24/21 11:29	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/24/21 11:29	
Bromoform	ug/kg	ND	5.0	1.8	03/24/21 11:29	
Bromomethane	ug/kg	ND	10.0	7.9	03/24/21 11:29	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/24/21 11:29	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/24/21 11:29	
Chloroethane	ug/kg	ND	10.0	3.9	03/24/21 11:29	
Chloroform	ug/kg	ND	5.0	3.0	03/24/21 11:29	
Chloromethane	ug/kg	ND	10.0	4.2	03/24/21 11:29	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/24/21 11:29	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/24/21 11:29	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

METHOD BLANK: 3206984

Matrix: Solid

Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/24/21 11:29	
Dibromomethane	ug/kg	ND	5.0	1.1	03/24/21 11:29	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/24/21 11:29	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/24/21 11:29	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/24/21 11:29	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/24/21 11:29	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/24/21 11:29	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/24/21 11:29	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/24/21 11:29	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/24/21 11:29	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/24/21 11:29	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/24/21 11:29	
Naphthalene	ug/kg	ND	5.0	2.6	03/24/21 11:29	
o-Xylene	ug/kg	ND	5.0	2.2	03/24/21 11:29	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/24/21 11:29	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/24/21 11:29	
Styrene	ug/kg	ND	5.0	1.3	03/24/21 11:29	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/24/21 11:29	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/24/21 11:29	
Toluene	ug/kg	ND	5.0	1.4	03/24/21 11:29	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/24/21 11:29	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/24/21 11:29	
Trichloroethene	ug/kg	ND	5.0	1.3	03/24/21 11:29	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/24/21 11:29	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/24/21 11:29	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/24/21 11:29	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/24/21 11:29	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/24/21 11:29	
4-Bromofluorobenzene (S)	%	97	69-134		03/24/21 11:29	
Toluene-d8 (S)	%	98	70-130		03/24/21 11:29	

LABORATORY CONTROL SAMPLE: 3206985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1220	98	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1100	88	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1150	92	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1070	85	70-130	
1,1-Dichloroethene	ug/kg	1250	1100	88	70-130	
1,1-Dichloropropene	ug/kg	1250	1100	88	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	100	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1140	91	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1220	98	68-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3206985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1200	96	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1260	100	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1230	98	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
1,2-Dichloroethane	ug/kg	1250	1060	85	63-130	
1,2-Dichloropropane	ug/kg	1250	1160	93	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1170	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1200	96	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
2,2-Dichloropropane	ug/kg	1250	1040	83	66-130	
2-Butanone (MEK)	ug/kg	2500	2100	84	70-130	
2-Chlorotoluene	ug/kg	1250	1180	94	70-130	
2-Hexanone	ug/kg	2500	2300	92	70-130	
4-Chlorotoluene	ug/kg	1250	1140	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2230	89	70-130	
Acetone	ug/kg	2500	2120	85	69-130	
Benzene	ug/kg	1250	1180	95	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1190	95	70-130	
Bromodichloromethane	ug/kg	1250	1080	87	69-130	
Bromoform	ug/kg	1250	1280	102	70-130	
Bromomethane	ug/kg	1250	1300	104	52-130	
Carbon tetrachloride	ug/kg	1250	1210	97	70-130	
Chlorobenzene	ug/kg	1250	1190	95	70-130	
Chloroethane	ug/kg	1250	1150	92	65-130	
Chloroform	ug/kg	1250	1020	81	70-130	
Chloromethane	ug/kg	1250	953	76	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1040	83	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1170	94	70-130	
Dibromochloromethane	ug/kg	1250	1290	104	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1190	95	45-156	
Diisopropyl ether	ug/kg	1250	971	78	70-130	
Ethylbenzene	ug/kg	1250	1130	90	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1270	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1170	94	70-130	
m&p-Xylene	ug/kg	2500	2340	93	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1040	83	70-130	
Methylene Chloride	ug/kg	1250	1040	83	65-130	
n-Butylbenzene	ug/kg	1250	1150	92	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1180	94	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	94	67-130	
sec-Butylbenzene	ug/kg	1250	1130	90	69-130	
Styrene	ug/kg	1250	1240	99	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3206985

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1120	90	67-130	
Tetrachloroethene	ug/kg	1250	1210	97	70-130	
Toluene	ug/kg	1250	1180	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1050	84	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1170	93	68-130	
Trichloroethene	ug/kg	1250	1210	97	70-130	
Trichlorofluoromethane	ug/kg	1250	1170	94	70-130	
Vinyl acetate	ug/kg	2500	2390	96	70-130	
Vinyl chloride	ug/kg	1250	1080	86	61-130	
Xylene (Total)	ug/kg	3750	3510	94	70-130	
1,2-Dichloroethane-d4 (S)	%			82	70-130	
4-Bromofluorobenzene (S)	%			95	69-134	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 3206987

Parameter	Units	92528011018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	881	1080	122	70-131	
1,1,1-Trichloroethane	ug/kg	ND	881	910	103	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	881	856	97	66-130	
1,1,2-Trichloroethane	ug/kg	ND	881	929	105	66-133	
1,1-Dichloroethane	ug/kg	ND	881	765	87	65-130	
1,1-Dichloroethene	ug/kg	ND	881	988	112	10-158	
1,1-Dichloropropene	ug/kg	ND	881	897	102	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	881	1030	117	27-138	
1,2,3-Trichloropropane	ug/kg	ND	881	819	93	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	881	989	112	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	881	937	106	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	881	879	100	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	881	1150	131	70-130	M1
1,2-Dichlorobenzene	ug/kg	ND	881	964	109	69-130	
1,2-Dichloroethane	ug/kg	ND	881	889	101	59-130	
1,2-Dichloropropane	ug/kg	ND	881	952	108	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	881	948	108	65-137	
1,3-Dichlorobenzene	ug/kg	ND	881	915	104	70-130	
1,3-Dichloropropane	ug/kg	ND	881	938	106	70-130	
1,4-Dichlorobenzene	ug/kg	ND	881	935	106	68-130	
2,2-Dichloropropane	ug/kg	ND	881	800	91	32-130	
2-Butanone (MEK)	ug/kg	ND	1760	1560	88	10-136	
2-Chlorotoluene	ug/kg	ND	881	947	107	69-141	
2-Hexanone	ug/kg	ND	1760	1560	88	10-144	
4-Chlorotoluene	ug/kg	ND	881	895	102	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1760	1640	93	25-143	
Acetone	ug/kg	ND	1760	1310	74	10-130	
Benzene	ug/kg	ND	881	961	109	67-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3206987		92528011018	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	881	962	109	70-130	
Bromochloromethane	ug/kg	ND	881	930	106	69-134	
Bromodichloromethane	ug/kg	ND	881	826	94	64-130	
Bromoform	ug/kg	ND	881	837	95	62-130	
Bromomethane	ug/kg	ND	881	1110	126	20-176	
Carbon tetrachloride	ug/kg	ND	881	894	101	65-140	
Chlorobenzene	ug/kg	ND	881	915	104	70-130	
Chloroethane	ug/kg	ND	881	386	44	10-130	
Chloroform	ug/kg	ND	881	778	88	63-130	
Chloromethane	ug/kg	ND	881	876	99	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	881	806	91	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	881	909	103	67-130	
Dibromochloromethane	ug/kg	ND	881	905	103	67-130	
Dibromomethane	ug/kg	ND	881	985	112	63-131	
Dichlorodifluoromethane	ug/kg	ND	881	951	108	44-180	
Diisopropyl ether	ug/kg	ND	881	785	89	63-130	
Ethylbenzene	ug/kg	5.4J	881	897	101	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	881	1130	128	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	881	968	110	69-135	
m&p-Xylene	ug/kg	ND	1760	2120	120	60-133	
Methyl-tert-butyl ether	ug/kg	ND	881	810	92	65-130	
Methylene Chloride	ug/kg	ND	881	872	99	61-130	
n-Butylbenzene	ug/kg	ND	881	939	107	65-140	
n-Propylbenzene	ug/kg	ND	881	957	109	67-140	
Naphthalene	ug/kg	21.0	881	956	106	15-145	
o-Xylene	ug/kg	ND	881	937	106	66-133	
p-Isopropyltoluene	ug/kg	ND	881	1050	119	56-147	
sec-Butylbenzene	ug/kg	ND	881	1230	139	65-139	
Styrene	ug/kg	ND	881	960	109	70-132	
tert-Butylbenzene	ug/kg	ND	881	963	109	62-135	
Tetrachloroethene	ug/kg	ND	881	900	102	70-135	
Toluene	ug/kg	8.1J	881	970	109	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	881	854	97	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	881	886	101	62-130	
Trichloroethene	ug/kg	ND	881	965	110	70-135	
Trichlorofluoromethane	ug/kg	ND	881	393	45	10-130	
Vinyl acetate	ug/kg	ND	1760	1760	100	53-130	
Vinyl chloride	ug/kg	ND	881	868	99	61-148	
Xylene (Total)	ug/kg	ND	2640	3060	116	63-132	
1,2-Dichloroethane-d4 (S)	%				110	70-130	
4-Bromofluorobenzene (S)	%				93	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3206986

Parameter	Units	92528011017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3206986

Parameter	Units	92528011017 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	91	93			
4-Bromofluorobenzene (S)	%	97	96			
Toluene-d8 (S)	%	99	98			

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 607315 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

METHOD BLANK: 3199476 Matrix: Solid
Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	331	116	03/18/21 07:40	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	331	158	03/18/21 07:40	
2,4,5-Trichlorophenol	ug/kg	ND	331	152	03/18/21 07:40	
2,4,6-Trichlorophenol	ug/kg	ND	331	136	03/18/21 07:40	
2,4-Dichlorophenol	ug/kg	ND	331	129	03/18/21 07:40	
2,4-Dimethylphenol	ug/kg	ND	331	137	03/18/21 07:40	
2,4-Dinitrophenol	ug/kg	ND	1660	1020	03/18/21 07:40	
2,4-Dinitrotoluene	ug/kg	ND	331	127	03/18/21 07:40	
2,6-Dinitrotoluene	ug/kg	ND	331	121	03/18/21 07:40	
2-Chloronaphthalene	ug/kg	ND	331	131	03/18/21 07:40	
2-Chlorophenol	ug/kg	ND	331	124	03/18/21 07:40	
2-Methylnaphthalene	ug/kg	ND	331	132	03/18/21 07:40	
2-Methylphenol(o-Cresol)	ug/kg	ND	331	135	03/18/21 07:40	
2-Nitroaniline	ug/kg	ND	1660	271	03/18/21 07:40	
2-Nitrophenol	ug/kg	ND	331	143	03/18/21 07:40	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	331	133	03/18/21 07:40	
3,3'-Dichlorobenzidine	ug/kg	ND	662	224	03/18/21 07:40	IL
3-Nitroaniline	ug/kg	ND	1660	260	03/18/21 07:40	
4,6-Dinitro-2-methylphenol	ug/kg	ND	662	309	03/18/21 07:40	
4-Bromophenylphenyl ether	ug/kg	ND	331	127	03/18/21 07:40	
4-Chloro-3-methylphenol	ug/kg	ND	662	233	03/18/21 07:40	
4-Chloroaniline	ug/kg	ND	662	260	03/18/21 07:40	
4-Chlorophenylphenyl ether	ug/kg	ND	331	123	03/18/21 07:40	
4-Nitroaniline	ug/kg	ND	662	252	03/18/21 07:40	
4-Nitrophenol	ug/kg	ND	1660	640	03/18/21 07:40	
Acenaphthene	ug/kg	ND	331	116	03/18/21 07:40	
Acenaphthylene	ug/kg	ND	331	116	03/18/21 07:40	
Aniline	ug/kg	ND	331	129	03/18/21 07:40	
Anthracene	ug/kg	ND	331	108	03/18/21 07:40	
Benzo(a)anthracene	ug/kg	ND	331	110	03/18/21 07:40	
Benzo(a)pyrene	ug/kg	ND	331	114	03/18/21 07:40	
Benzo(b)fluoranthene	ug/kg	ND	331	110	03/18/21 07:40	
Benzo(g,h,i)perylene	ug/kg	ND	331	128	03/18/21 07:40	
Benzo(k)fluoranthene	ug/kg	ND	331	116	03/18/21 07:40	
Benzoic Acid	ug/kg	ND	1660	711	03/18/21 07:40	
Benzyl alcohol	ug/kg	ND	662	251	03/18/21 07:40	
bis(2-Chloroethoxy)methane	ug/kg	ND	331	137	03/18/21 07:40	
bis(2-Chloroethyl) ether	ug/kg	ND	331	124	03/18/21 07:40	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	331	128	03/18/21 07:40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

METHOD BLANK: 3199476

Matrix: Solid

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	331	139	03/18/21 07:40	
Chrysene	ug/kg	ND	331	120	03/18/21 07:40	
Di-n-butylphthalate	ug/kg	ND	331	111	03/18/21 07:40	
Di-n-octylphthalate	ug/kg	ND	331	130	03/18/21 07:40	
Dibenz(a,h)anthracene	ug/kg	ND	331	127	03/18/21 07:40	
Dibenzofuran	ug/kg	ND	331	119	03/18/21 07:40	
Diethylphthalate	ug/kg	ND	331	121	03/18/21 07:40	
Dimethylphthalate	ug/kg	ND	331	120	03/18/21 07:40	
Fluoranthene	ug/kg	ND	331	113	03/18/21 07:40	
Fluorene	ug/kg	ND	331	116	03/18/21 07:40	
Hexachlorobenzene	ug/kg	ND	331	129	03/18/21 07:40	
Hexachlorocyclopentadiene	ug/kg	ND	331	190	03/18/21 07:40	
Hexachloroethane	ug/kg	ND	331	126	03/18/21 07:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	331	130	03/18/21 07:40	
Isophorone	ug/kg	ND	331	147	03/18/21 07:40	
N-Nitroso-di-n-propylamine	ug/kg	ND	331	124	03/18/21 07:40	
N-Nitrosodimethylamine	ug/kg	ND	331	111	03/18/21 07:40	
N-Nitrosodiphenylamine	ug/kg	ND	331	117	03/18/21 07:40	
Nitrobenzene	ug/kg	ND	331	154	03/18/21 07:40	
Pentachlorophenol	ug/kg	ND	662	324	03/18/21 07:40	
Phenanthrene	ug/kg	ND	331	108	03/18/21 07:40	
Phenol	ug/kg	ND	331	147	03/18/21 07:40	
Pyrene	ug/kg	ND	331	134	03/18/21 07:40	
Pyridine	ug/kg	ND	331	104	03/18/21 07:40	
2,4,6-Tribromophenol (S)	%	85	18-130		03/18/21 07:40	
2-Fluorobiphenyl (S)	%	75	19-130		03/18/21 07:40	
2-Fluorophenol (S)	%	77	18-130		03/18/21 07:40	
Nitrobenzene-d5 (S)	%	81	21-130		03/18/21 07:40	
Phenol-d6 (S)	%	83	18-130		03/18/21 07:40	
Terphenyl-d14 (S)	%	118	15-130		03/18/21 07:40	

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1400	83	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1310	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1670	1390	83	49-130	
2,4,6-Trichlorophenol	ug/kg	1670	1360	81	50-130	
2,4-Dichlorophenol	ug/kg	1670	1520	91	51-130	
2,4-Dimethylphenol	ug/kg	1670	1520	91	53-130	
2,4-Dinitrophenol	ug/kg	8360	6280	75	39-130	
2,4-Dinitrotoluene	ug/kg	1670	1450	87	53-130	
2,6-Dinitrotoluene	ug/kg	1670	1410	85	55-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Chloronaphthalene	ug/kg	1670	1350	81	48-130	
2-Chlorophenol	ug/kg	1670	1350	81	54-130	
2-Methylnaphthalene	ug/kg	1670	1410	84	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1440	86	50-130	
2-Nitroaniline	ug/kg	3340	2870	86	49-130	
2-Nitrophenol	ug/kg	1670	1510	90	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1460	87	50-130	
3,3'-Dichlorobenzidine	ug/kg	3340	2510	75	47-130	IL
3-Nitroaniline	ug/kg	3340	2430	73	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3340	2740	82	50-142	
4-Bromophenylphenyl ether	ug/kg	1670	1400	84	55-130	
4-Chloro-3-methylphenol	ug/kg	3340	3020	90	52-130	
4-Chloroaniline	ug/kg	3340	2640	79	49-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1480	88	53-130	
4-Nitroaniline	ug/kg	3340	2740	82	51-130	
4-Nitrophenol	ug/kg	8360	7360	88	40-130	
Acenaphthene	ug/kg	1670	1400	84	56-130	
Acenaphthylene	ug/kg	1670	1390	83	58-130	
Aniline	ug/kg	1670	1250	74	44-130	
Anthracene	ug/kg	1670	1450	86	60-130	
Benzo(a)anthracene	ug/kg	1670	1500	90	59-130	
Benzo(a)pyrene	ug/kg	1670	1500	89	57-130	
Benzo(b)fluoranthene	ug/kg	1670	1470	88	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1300	78	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1530	91	54-130	
Benzoic Acid	ug/kg	8360	4550	54	19-130	
Benzyl alcohol	ug/kg	3340	2800	84	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1480	89	55-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1460	87	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1480	89	58-130	
Butylbenzylphthalate	ug/kg	1670	1430	86	46-138	
Chrysene	ug/kg	1670	1480	88	57-130	
Di-n-butylphthalate	ug/kg	1670	1430	85	57-130	
Di-n-octylphthalate	ug/kg	1670	1450	87	57-130	
Dibenz(a,h)anthracene	ug/kg	1670	1380	82	60-130	
Dibenzofuran	ug/kg	1670	1450	87	54-130	
Diethylphthalate	ug/kg	1670	1390	83	55-130	
Dimethylphthalate	ug/kg	1670	1370	82	57-130	
Fluoranthene	ug/kg	1670	1540	92	57-130	
Fluorene	ug/kg	1670	1450	87	56-130	
Hexachlorobenzene	ug/kg	1670	1430	85	53-130	
Hexachlorocyclopentadiene	ug/kg	1670	1060	63	23-130	
Hexachloroethane	ug/kg	1670	1380	83	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1390	83	61-130	
Isophorone	ug/kg	1670	1410	84	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1470	88	52-130	
N-Nitrosodimethylamine	ug/kg	1670	1320	79	45-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3199477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/kg	1670	1390	83	56-130	
Nitrobenzene	ug/kg	1670	1430	86	50-130	
Pentachlorophenol	ug/kg	3340	2780	83	33-130	
Phenanthrene	ug/kg	1670	1480	88	60-130	
Phenol	ug/kg	1670	1480	89	54-130	
Pyrene	ug/kg	1670	1510	90	61-130	
Pyridine	ug/kg	1670	1080	65	35-130	
2,4,6-Tribromophenol (S)	%			92	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			83	18-130	
Nitrobenzene-d5 (S)	%			87	21-130	
Phenol-d6 (S)	%			84	18-130	
Terphenyl-d14 (S)	%			105	15-130	

MATRIX SPIKE SAMPLE: 3199478

Parameter	Units	92528011001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1940	1510	78	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1940	1430	74	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1940	1610	83	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1940	1540	80	23-130	
2,4-Dichlorophenol	ug/kg	ND	1940	1600	83	29-130	
2,4-Dimethylphenol	ug/kg	ND	1940	1650	86	13-130	
2,4-Dinitrophenol	ug/kg	ND	9660	6480	67	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1940	1690	87	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1940	1640	85	36-130	
2-Chloronaphthalene	ug/kg	ND	1940	1480	77	27-130	
2-Chlorophenol	ug/kg	ND	1940	1480	77	29-130	
2-Methylnaphthalene	ug/kg	ND	1940	1560	81	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1940	1560	81	20-130	
2-Nitroaniline	ug/kg	ND	3860	3400	88	29-130	
2-Nitrophenol	ug/kg	ND	1940	1600	83	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1940	1540	80	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3860	3120	81	15-130 IL	
3-Nitroaniline	ug/kg	ND	3860	3090	80	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3860	2980	77	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1940	1590	82	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3860	3280	85	30-130	
4-Chloroaniline	ug/kg	ND	3860	2900	75	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1940	1690	88	32-130	
4-Nitroaniline	ug/kg	ND	3860	3300	85	30-130	
4-Nitrophenol	ug/kg	ND	9660	8610	89	17-130	
Acenaphthene	ug/kg	ND	1940	1600	83	29-130	
Acenaphthylene	ug/kg	ND	1940	1580	82	31-130	
Aniline	ug/kg	ND	1940	1250	65	10-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

MATRIX SPIKE SAMPLE:	3199478	92528011001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Anthracene	ug/kg	ND	1940	1660	86	33-130	
Benzo(a)anthracene	ug/kg	ND	1940	1710	89	32-130	
Benzo(a)pyrene	ug/kg	ND	1940	1710	88	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1940	1710	89	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1940	1580	82	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1940	1720	89	31-130	
Benzoic Acid	ug/kg	ND	9660	4200	44	10-130	
Benzyl alcohol	ug/kg	ND	3860	3020	78	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1940	1520	79	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1940	1510	78	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1940	1650	85	40-130	
Butylbenzylphthalate	ug/kg	ND	1940	1630	84	40-130	
Chrysene	ug/kg	ND	1940	1660	86	30-130	
Di-n-butylphthalate	ug/kg	ND	1940	1550	80	41-130	
Di-n-octylphthalate	ug/kg	ND	1940	1610	83	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	1940	1660	86	27-130	
Dibenzofuran	ug/kg	ND	1940	1660	86	32-130	
Diethylphthalate	ug/kg	ND	1940	1640	85	40-130	
Dimethylphthalate	ug/kg	ND	1940	1600	83	37-130	
Fluoranthene	ug/kg	ND	1940	1680	87	26-130	
Fluorene	ug/kg	ND	1940	1680	87	31-130	
Hexachlorobenzene	ug/kg	ND	1940	1630	84	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1940	1020	53	10-130	
Hexachloroethane	ug/kg	ND	1940	1490	77	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1940	1610	84	28-130	
Isophorone	ug/kg	ND	1940	1510	78	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1940	1590	82	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1940	1390	72	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1940	1610	83	32-130	
Nitrobenzene	ug/kg	ND	1940	1500	78	25-130	
Pentachlorophenol	ug/kg	ND	3860	3150	81	10-130	
Phenanthrene	ug/kg	ND	1940	1660	86	34-130	
Phenol	ug/kg	ND	1940	1630	84	14-130	
Pyrene	ug/kg	ND	1940	1730	89	31-130	
Pyridine	ug/kg	ND	1940	759	39	10-130	
2,4,6-Tribromophenol (S)	%				92	18-130	
2-Fluorobiphenyl (S)	%				78	19-130	
2-Fluorophenol (S)	%				75	18-130	
Nitrobenzene-d5 (S)	%				80	21-130	
Phenol-d6 (S)	%				79	18-130	
Terphenyl-d14 (S)	%				104	15-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199513

Parameter	Units	92528011003 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(a)pyrene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3199513

Parameter	Units	92528011003 Result	Dup Result	RPD	Max RPD	Qualifiers
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	57	67			
2-Fluorobiphenyl (S)	%	71	71			
2-Fluorophenol (S)	%	57	62			
Nitrobenzene-d5 (S)	%	71	72			
Phenol-d6 (S)	%	68	68			
Terphenyl-d14 (S)	%	101	101			

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

QC Batch: 608843 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

METHOD BLANK: 3206787 Matrix: Solid
Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	328	115	03/24/21 15:07	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	328	156	03/24/21 15:07	
2,4,5-Trichlorophenol	ug/kg	ND	328	150	03/24/21 15:07	
2,4,6-Trichlorophenol	ug/kg	ND	328	135	03/24/21 15:07	
2,4-Dichlorophenol	ug/kg	ND	328	128	03/24/21 15:07	
2,4-Dimethylphenol	ug/kg	ND	328	136	03/24/21 15:07	
2,4-Dinitrophenol	ug/kg	ND	1640	1010	03/24/21 15:07	
2,4-Dinitrotoluene	ug/kg	ND	328	126	03/24/21 15:07	
2,6-Dinitrotoluene	ug/kg	ND	328	120	03/24/21 15:07	
2-Chloronaphthalene	ug/kg	ND	328	130	03/24/21 15:07	
2-Chlorophenol	ug/kg	ND	328	123	03/24/21 15:07	
2-Methylnaphthalene	ug/kg	ND	328	131	03/24/21 15:07	
2-Methylphenol(o-Cresol)	ug/kg	ND	328	134	03/24/21 15:07	
2-Nitroaniline	ug/kg	ND	1640	268	03/24/21 15:07	
2-Nitrophenol	ug/kg	ND	328	142	03/24/21 15:07	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	328	132	03/24/21 15:07	
3,3'-Dichlorobenzidine	ug/kg	ND	656	222	03/24/21 15:07	IL
3-Nitroaniline	ug/kg	ND	1640	257	03/24/21 15:07	
4,6-Dinitro-2-methylphenol	ug/kg	ND	656	306	03/24/21 15:07	
4-Bromophenylphenyl ether	ug/kg	ND	328	126	03/24/21 15:07	
4-Chloro-3-methylphenol	ug/kg	ND	656	230	03/24/21 15:07	
4-Chloroaniline	ug/kg	ND	656	257	03/24/21 15:07	
4-Chlorophenylphenyl ether	ug/kg	ND	328	122	03/24/21 15:07	
4-Nitroaniline	ug/kg	ND	656	249	03/24/21 15:07	
4-Nitrophenol	ug/kg	ND	1640	634	03/24/21 15:07	
Acenaphthene	ug/kg	ND	328	115	03/24/21 15:07	
Acenaphthylene	ug/kg	ND	328	115	03/24/21 15:07	
Aniline	ug/kg	ND	328	128	03/24/21 15:07	
Anthracene	ug/kg	ND	328	107	03/24/21 15:07	
Benzo(a)anthracene	ug/kg	ND	328	109	03/24/21 15:07	
Benzo(a)pyrene	ug/kg	ND	328	113	03/24/21 15:07	
Benzo(b)fluoranthene	ug/kg	ND	328	109	03/24/21 15:07	
Benzo(g,h,i)perylene	ug/kg	ND	328	127	03/24/21 15:07	v1
Benzo(k)fluoranthene	ug/kg	ND	328	115	03/24/21 15:07	
Benzoic Acid	ug/kg	ND	1640	704	03/24/21 15:07	
Benzyl alcohol	ug/kg	ND	656	248	03/24/21 15:07	
bis(2-Chloroethoxy)methane	ug/kg	ND	328	136	03/24/21 15:07	
bis(2-Chloroethyl) ether	ug/kg	ND	328	123	03/24/21 15:07	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	328	127	03/24/21 15:07	
Butylbenzylphthalate	ug/kg	ND	328	138	03/24/21 15:07	v1

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

METHOD BLANK: 3206787

Matrix: Solid

Associated Lab Samples: 92528011017, 92528011018, 92528011019, 92528011020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	328	119	03/24/21 15:07	
Di-n-butylphthalate	ug/kg	ND	328	110	03/24/21 15:07	
Di-n-octylphthalate	ug/kg	ND	328	129	03/24/21 15:07	v1
Dibenz(a,h)anthracene	ug/kg	ND	328	126	03/24/21 15:07	
Dibenzofuran	ug/kg	ND	328	118	03/24/21 15:07	
Diethylphthalate	ug/kg	ND	328	120	03/24/21 15:07	
Dimethylphthalate	ug/kg	ND	328	119	03/24/21 15:07	
Fluoranthene	ug/kg	ND	328	112	03/24/21 15:07	
Fluorene	ug/kg	ND	328	115	03/24/21 15:07	
Hexachlorobenzene	ug/kg	ND	328	128	03/24/21 15:07	
Hexachlorocyclopentadiene	ug/kg	ND	328	188	03/24/21 15:07	
Hexachloroethane	ug/kg	ND	328	125	03/24/21 15:07	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	328	129	03/24/21 15:07	
Isophorone	ug/kg	ND	328	146	03/24/21 15:07	
N-Nitroso-di-n-propylamine	ug/kg	ND	328	123	03/24/21 15:07	
N-Nitrosodimethylamine	ug/kg	ND	328	110	03/24/21 15:07	
N-Nitrosodiphenylamine	ug/kg	ND	328	116	03/24/21 15:07	
Nitrobenzene	ug/kg	ND	328	152	03/24/21 15:07	
Pentachlorophenol	ug/kg	ND	656	321	03/24/21 15:07	
Phenanthrene	ug/kg	ND	328	107	03/24/21 15:07	
Phenol	ug/kg	ND	328	146	03/24/21 15:07	
Pyrene	ug/kg	ND	328	133	03/24/21 15:07	
Pyridine	ug/kg	ND	328	103	03/24/21 15:07	
2,4,6-Tribromophenol (S)	%	73	18-130		03/24/21 15:07	
2-Fluorobiphenyl (S)	%	79	19-130		03/24/21 15:07	
2-Fluorophenol (S)	%	79	18-130		03/24/21 15:07	
Nitrobenzene-d5 (S)	%	82	21-130		03/24/21 15:07	
Phenol-d6 (S)	%	74	18-130		03/24/21 15:07	
Terphenyl-d14 (S)	%	115	15-130		03/24/21 15:07	

LABORATORY CONTROL SAMPLE: 3206788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1660	1340	81	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1660	1290	78	38-130	
2,4,5-Trichlorophenol	ug/kg	1660	1550	94	49-130	
2,4,6-Trichlorophenol	ug/kg	1660	1470	89	50-130	
2,4-Dichlorophenol	ug/kg	1660	1390	84	51-130	
2,4-Dimethylphenol	ug/kg	1660	1440	87	53-130	
2,4-Dinitrophenol	ug/kg	8280	6880	83	39-130	
2,4-Dinitrotoluene	ug/kg	1660	1510	91	53-130	
2,6-Dinitrotoluene	ug/kg	1660	1570	95	55-130	
2-Chloronaphthalene	ug/kg	1660	1520	92	48-130	
2-Chlorophenol	ug/kg	1660	1390	84	54-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3206788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1660	1360	82	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1660	1400	84	50-130	
2-Nitroaniline	ug/kg	3310	3090	93	49-130	
2-Nitrophenol	ug/kg	1660	1480	90	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1660	1310	79	50-130	
3,3'-Dichlorobenzidine	ug/kg	3310	2970	90	47-130	IL
3-Nitroaniline	ug/kg	3310	3160	95	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3310	3040	92	50-142	
4-Bromophenylphenyl ether	ug/kg	1660	1540	93	55-130	
4-Chloro-3-methylphenol	ug/kg	3310	2750	83	52-130	
4-Chloroaniline	ug/kg	3310	2550	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1660	1430	86	53-130	
4-Nitroaniline	ug/kg	3310	2750	83	51-130	
4-Nitrophenol	ug/kg	8280	7050	85	40-130	
Acenaphthene	ug/kg	1660	1490	90	56-130	
Acenaphthylene	ug/kg	1660	1550	94	58-130	
Aniline	ug/kg	1660	1180	71	44-130	
Anthracene	ug/kg	1660	1520	92	60-130	
Benzo(a)anthracene	ug/kg	1660	1740	105	59-130	
Benzo(a)pyrene	ug/kg	1660	1610	97	57-130	
Benzo(b)fluoranthene	ug/kg	1660	1590	96	54-130	
Benzo(g,h,i)perylene	ug/kg	1660	1580	95	59-130	v1
Benzo(k)fluoranthene	ug/kg	1660	1590	96	54-130	
Benzoic Acid	ug/kg	8280	5680	69	19-130	
Benzyl alcohol	ug/kg	3310	2570	78	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1660	1370	83	55-130	
bis(2-Chloroethyl) ether	ug/kg	1660	1410	85	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1660	1810	109	58-130	
Butylbenzylphthalate	ug/kg	1660	1860	112	46-138	v1
Chrysene	ug/kg	1660	1740	105	57-130	
Di-n-butylphthalate	ug/kg	1660	1590	96	57-130	
Di-n-octylphthalate	ug/kg	1660	1920	116	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1660	1520	92	60-130	
Dibenzofuran	ug/kg	1660	1490	90	54-130	
Diethylphthalate	ug/kg	1660	1540	93	55-130	
Dimethylphthalate	ug/kg	1660	1520	92	57-130	
Fluoranthene	ug/kg	1660	1520	92	57-130	
Fluorene	ug/kg	1660	1490	90	56-130	
Hexachlorobenzene	ug/kg	1660	1550	93	53-130	
Hexachlorocyclopentadiene	ug/kg	1660	1030	62	23-130	
Hexachloroethane	ug/kg	1660	1410	85	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1660	1590	96	61-130	
Isophorone	ug/kg	1660	1340	81	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1660	1280	77	52-130	
N-Nitrosodimethylamine	ug/kg	1660	1490	90	45-130	
N-Nitrosodiphenylamine	ug/kg	1660	1560	94	56-130	
Nitrobenzene	ug/kg	1660	1500	91	50-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

LABORATORY CONTROL SAMPLE: 3206788

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3310	2690	81	33-130	
Phenanthrene	ug/kg	1660	1580	96	60-130	
Phenol	ug/kg	1660	1480	90	54-130	
Pyrene	ug/kg	1660	1800	109	61-130	
Pyridine	ug/kg	1660	1250	76	35-130	
2,4,6-Tribromophenol (S)	%			83	18-130	
2-Fluorobiphenyl (S)	%			83	19-130	
2-Fluorophenol (S)	%			84	18-130	
Nitrobenzene-d5 (S)	%			81	21-130	
Phenol-d6 (S)	%			77	18-130	
Terphenyl-d14 (S)	%			115	15-130	

MATRIX SPIKE SAMPLE: 3206789

Parameter	Units	92528011017 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1960	1210	62	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1960	1110	57	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1960	1620	83	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1960	1450	74	23-130	
2,4-Dichlorophenol	ug/kg	ND	1960	1220	62	29-130	
2,4-Dimethylphenol	ug/kg	ND	1960	1070	55	13-130	
2,4-Dinitrophenol	ug/kg	ND	9800	7440	76	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1960	1660	85	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1960	1690	86	36-130	
2-Chloronaphthalene	ug/kg	ND	1960	1400	71	27-130	
2-Chlorophenol	ug/kg	ND	1960	1190	61	29-130	
2-Methylnaphthalene	ug/kg	ND	1960	1230	63	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1960	1090	56	20-130	
2-Nitroaniline	ug/kg	ND	3910	3340	85	29-130	
2-Nitrophenol	ug/kg	ND	1960	1340	68	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1960	1060	54	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3910	3260	83	15-130 IL	
3-Nitroaniline	ug/kg	ND	3910	3410	87	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3910	3410	87	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1960	1640	83	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3910	2770	71	30-130	
4-Chloroaniline	ug/kg	ND	3910	2340	60	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1960	1460	75	32-130	
4-Nitroaniline	ug/kg	ND	3910	3150	80	30-130	
4-Nitrophenol	ug/kg	ND	9800	7760	79	17-130	
Acenaphthene	ug/kg	ND	1960	1490	76	29-130	
Acenaphthylene	ug/kg	ND	1960	1550	79	31-130	
Aniline	ug/kg	ND	1960	848	43	10-130	
Anthracene	ug/kg	ND	1960	1630	83	33-130	
Benzo(a)anthracene	ug/kg	ND	1960	1870	96	32-130	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

MATRIX SPIKE SAMPLE: 3206789		92528011017	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	1960	1800	92	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1960	1620	83	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1960	2020	103	28-130	v1
Benzo(k)fluoranthene	ug/kg	ND	1960	1720	88	31-130	
Benzoic Acid	ug/kg	ND	9800	3310	34	10-130	
Benzyl alcohol	ug/kg	ND	3910	2230	57	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1960	1220	62	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1960	1230	63	68-130	M1
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1960	1910	98	40-130	
Butylbenzylphthalate	ug/kg	ND	1960	2000	102	40-130	v1
Chrysene	ug/kg	ND	1960	1870	95	30-130	
Di-n-butylphthalate	ug/kg	ND	1960	1700	87	41-130	
Di-n-octylphthalate	ug/kg	ND	1960	2010	102	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	1960	2020	103	27-130	
Dibenzofuran	ug/kg	ND	1960	1540	78	32-130	
Diethylphthalate	ug/kg	ND	1960	1690	86	40-130	
Dimethylphthalate	ug/kg	ND	1960	1670	85	37-130	
Fluoranthene	ug/kg	ND	1960	1660	85	26-130	
Fluorene	ug/kg	ND	1960	1560	79	31-130	
Hexachlorobenzene	ug/kg	ND	1960	1670	85	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1960	814	42	10-130	
Hexachloroethane	ug/kg	ND	1960	1200	61	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1960	2020	103	28-130	
Isophorone	ug/kg	ND	1960	1260	64	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1960	1130	57	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1960	1210	62	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1960	1680	86	32-130	
Nitrobenzene	ug/kg	ND	1960	1300	66	25-130	
Pentachlorophenol	ug/kg	ND	3910	2790	71	10-130	
Phenanthrene	ug/kg	ND	1960	1730	88	34-130	
Phenol	ug/kg	ND	1960	1200	61	14-130	
Pyrene	ug/kg	ND	1960	2110	108	31-130	
Pyridine	ug/kg	ND	1960	936	48	10-130	
2,4,6-Tribromophenol (S)	%				64	18-130	
2-Fluorobiphenyl (S)	%				57	19-130	
2-Fluorophenol (S)	%				50	18-130	
Nitrobenzene-d5 (S)	%				55	21-130	
Phenol-d6 (S)	%				48	18-130	
Terphenyl-d14 (S)	%				99	15-130	

SAMPLE DUPLICATE: 3206790

Parameter	Units	92528011017	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3206790

Parameter	Units	92528011017 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	136J		30	
Benzo(a)pyrene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	v1
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	v1
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	v1
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	327J		30	
Fluorene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

SAMPLE DUPLICATE: 3206790

Parameter	Units	92528011017 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	329J		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	311J		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	60	62			
2-Fluorobiphenyl (S)	%	62	38			
2-Fluorophenol (S)	%	57	64			
Nitrobenzene-d5 (S)	%	63	64			
Phenol-d6 (S)	%	55	62			
Terphenyl-d14 (S)	%	90	50			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

QC Batch:	607298	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92528011001, 92528011002, 92528011003, 92528011004, 92528011005, 92528011006, 92528011007, 92528011008, 92528011009, 92528011010, 92528011011, 92528011012, 92528011013, 92528011014, 92528011015, 92528011016, 92528011017, 92528011018, 92528011019, 92528011020

SAMPLE DUPLICATE: 3199386

Parameter	Units	92528011001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.3	14.0	2	25	N2

SAMPLE DUPLICATE: 3199387

Parameter	Units	92528011020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	33.1	37.1	11	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C8	Result may be biased high due to carryover from previously analyzed sample.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRAMLETTE J21030497
Pace Project No.: 92528011

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528011001	RI-SB-13 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011002	RI-SB-13 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011003	RI-SB-14 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011004	RI-SB-14 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011005	RI-SB-15 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011006	RI-SB-15 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011007	RI-SB-16 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011008	RI-SB-16 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011009	RI-SB-17 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011010	RI-SB-17 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011011	RI-SB-18 (0.5-1.0)	EPA 3546	607315	EPA 8270E	607499
92528011012	RI-SB-18 (5.5-6.0)	EPA 3546	607315	EPA 8270E	607499
92528011017	RI-SB-23 (0.5-1.0)	EPA 3546	608843	EPA 8270E	609141
92528011018	RI-SB-23 (5.5-6.0)	EPA 3546	608843	EPA 8270E	609141
92528011019	RI-SB-24 (0.5-1.0)	EPA 3546	608843	EPA 8270E	609141
92528011020	RI-SB-24 (5.5-6.0)	EPA 3546	608843	EPA 8270E	609141
92528011021	TRIP BLANK	EPA 8260D	607594		
92528011001	RI-SB-13 (0.5-1.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011002	RI-SB-13 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011003	RI-SB-14 (0.5-1.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011004	RI-SB-14 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011005	RI-SB-15 (0.5-1.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011006	RI-SB-15 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011007	RI-SB-16 (0.5-1.0)	EPA 5035A/5030B	607623	EPA 8260D	607658
92528011008	RI-SB-16 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011009	RI-SB-17 (0.5-1.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011010	RI-SB-17 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011011	RI-SB-18 (0.5-1.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011012	RI-SB-18 (5.5-6.0)	EPA 5035A/5030B	607356	EPA 8260D	607409
92528011017	RI-SB-23 (0.5-1.0)	EPA 5035A/5030B	608883	EPA 8260D	608896
92528011018	RI-SB-23 (5.5-6.0)	EPA 5035A/5030B	608883	EPA 8260D	608896
92528011019	RI-SB-24 (0.5-1.0)	EPA 5035A/5030B	608883	EPA 8260D	608896
92528011020	RI-SB-24 (5.5-6.0)	EPA 5035A/5030B	608883	EPA 8260D	608896
92528011001	RI-SB-13 (0.5-1.0)	SW-846	607298		
92528011002	RI-SB-13 (5.5-6.0)	SW-846	607298		
92528011003	RI-SB-14 (0.5-1.0)	SW-846	607298		
92528011004	RI-SB-14 (5.5-6.0)	SW-846	607298		
92528011005	RI-SB-15 (0.5-1.0)	SW-846	607298		
92528011006	RI-SB-15 (5.5-6.0)	SW-846	607298		
92528011007	RI-SB-16 (0.5-1.0)	SW-846	607298		
92528011008	RI-SB-16 (5.5-6.0)	SW-846	607298		
92528011009	RI-SB-17 (0.5-1.0)	SW-846	607298		
92528011010	RI-SB-17 (5.5-6.0)	SW-846	607298		
92528011011	RI-SB-18 (0.5-1.0)	SW-846	607298		
92528011012	RI-SB-18 (5.5-6.0)	SW-846	607298		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BRAMLETTE J21030497

Pace Project No.: 92528011

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528011013	RI-SB-21 (0.5-1.0)	SW-846	607298		
92528011014	RI-SB-21 (5.5-6.0)	SW-846	607298		
92528011015	RI-SB-22 (0.5-1.0)	SW-846	607298		
92528011016	RI-SB-22 (5.5-6.0)	SW-846	607298		
92528011017	RI-SB-23 (0.5-1.0)	SW-846	607298		
92528011018	RI-SB-23 (5.5-6.0)	SW-846	607298		
92528011019	RI-SB-24 (0.5-1.0)	SW-846	607298		
92528011020	RI-SB-24 (5.5-6.0)	SW-846	607298		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: Systera

Project #: **WO#: 92528011**

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Date/Initials Person Examining Contents: 9/26/11

Custody Seal Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: A3T071 Type of Ice: Wet Blue None

Cooler Temp: 2.1/3.8/5.8/3.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 2.1/3.8/5.8/3.1

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>3 Day TAT</u>
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	9. <u>Additional samples not listed on COC</u>
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY _____ Field Data Required? Yes No

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION _____

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO# : 92528011

PM: KLH1 Due Date: 03/19/21

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-Duke Ener

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Sample Receiving Non-Conformance Form (NCF)

Date: <u>3/16/21</u>	Evaluated by: <u>Chris Deroc...</u>
Client: <u>Synterra</u>	

A **WO# : 92528011**

PM: KLH1 Due Date: 03/19/21

CLIENT: 92-Duke Ener

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	<input checked="" type="checkbox"/> Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above: *Did not receive samples listed on COC 2062.*

Rec'd the Following Samples not listed on COC

<i>RI-SB-21-50-0.5 @ 15:05 3/15</i>	<i>RI-SB-22-50-5.5 @ 15:30 3/15</i>	<i>RI-SB-24-50-0.5 @ 15:55 3/15</i>
<i>RI-SB-21-50-5.5 @ 15:10 3/15</i>	<i>RI-SB-23-50-0.5 @ 15:35 3/15</i>	<i>RI-SB-24-50-5.5 @ 16:00 3/15</i>
<i>RI-SB-22-50-0.5 @ 15:25 3/15</i>	<i>RI-SB-23-50-5.5 @ 15:40 3/15</i>	

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:
PM Initials:	Date/Time:

Client Comments/Instructions:



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: Synterra Address: 148 River Street Suite 220, Greenville, SC 29601 Phone: (803) 429-3668 Fax: Requested Due Date: 3 Day TAT

Section B Requested Project Information: Report To: Heather Smith Purchase Order #: Project Name: Brantle Soil Sampling Project #: 50,2731,00,032

Section C Invoice Information: Attention: Company Name: Address: Pace Quote: Pace Project Manager: kevin.herring@pacelabs.com, Pace Profile #: 7754 State / Location: SC

Page: 1 of 3

ITEM #	MATRIX One Character per box. (A-Z, 0-9 / . -) Sample Ids must be unique	MATRIX CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Other OT Tissue TS	COLLECTED		DATE	TIME	DATE	TIME	RELIQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLER NAME AND SIGNATURE
			START	END											
1	RI-SB-13-50-05-1.0-20210315				3/15/21	1035				3/15/21	1700	Synterra Cold Storage	3/15/21	1700	
2	RI-SR-13-50-55-6.0-20210315				3/15/21	1035				3/15/21	0930	Tenkey Cold Storage	3/16/21	0930	
3	RI-SB-14-50-05-1.0-20210315				3/15/21	1040				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
4	RI-SB-14-50-55-6.0-20210315				3/15/21	1040				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
5	RI-SB-15-50-05-1.0-20210315				3/15/21	1130				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
6	RI-SB-15-50-55-6.0-20210315				3/15/21	1135				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
7	RI-SB-16-50-05-1.0-20210315				3/15/21	1145				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
8	RI-SB-16-50-55-6.0-20210315				3/15/21	1150				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
9	RI-SB-17-50-05-1.0-20210315				3/15/21	1330				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
10	RI-SB-17-50-55-6.0-20210315				3/15/21	1335				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
11	RI-SB-18-50-05-1.0-20210315				3/15/21	1345				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	
12	RI-SB-18-50-55-6.0-20210315				3/15/21	1350				3/16/21	1000	Tenkey Cold Storage	3/16/21	1000	

ADDITIONAL COMMENTS: Tom Key 12 Key, Synterra Cold Storage, Tom Key 12 Key, Tyler Wagoner / Tom Wagoner

SAMPLER NAME AND SIGNATURE: Tom Key

PRINT Name of SAMPLER: Tom Key

SIGNATURE of SAMPLER: [Signature]

DATE Signed: 3/16/21

TEMP in C: _____

Received on Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____



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CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Section B Required Project Information: Section C Invoice Information: Regulatory Agency: State / Location

Company: Synterra
Address: 148 River Street
Suite 220, Greenville, SC 29601
Phone: (803)429-3668 Fax: [blank]
Email: [blank]
Requested Due Date: 3 days TAT

Report To: Heather Smith
Copy To: [blank]
Purchase Order #: [blank]
Project Name: Barnette Soil Sampling
Project #: [blank]

Attention: [blank]
Company Name: [blank]
Address: [blank]
City/State: [blank]
Zip: [blank]
Phone: [blank] Fax: [blank]
E-mail: [blank]
Requested Analysis Filtered (Y/N): [blank]

Regulatory Agency: SC
State / Location: SC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 / . -) Sample IDs must be unique	MATRIX Drinking Water Water Waste Water Product Soil/solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	COLLECTED		SAMPLE TEMP AT COLLECTION	PRESERVATIVES						Analyses Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	TEMP in C	SAMPLE CONDITIONS																						
				START DATE	END DATE		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3					Methanol	Other	VOC's	SVOC's	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)																
1	RI-513-14-50-0.5-1.0-20210315		SL 6	3/5/21	1415																																		
2	RI-513-14-50-5.5-6.8-20210315		SL 6	3/5/21	1420						X				X																								
3	RI-513-20-50-0.5-1.0-20210315		SL 6	3/5/21	1430						X				X																								
4	RI-513-20-50-5.5-6.8-20210315		SL 6	3/5/21	1435						X				X																								
5	Trip Blank		WT 6	3/16/21	1000																																		
6																																							
7																																							
8																																							
9																																							
10																																							
11																																							
12																																							

RELINQUISHED BY / AFFILIATION: Tom King / Z Corp
DATE: 3/5/21
TIME: 1700
ACCEPTED BY / AFFILIATION: System Cold Storage
DATE: 3/16/21
TIME: 0930

PRINT Name of SAMPLER: Tom King
SIGNATURE of SAMPLER: [Signature]
DATE Signed: 3/16/21

RECEIVED BY / AFFILIATION: Tom King / Z Corp
DATE: 3/16/21
TIME: 1145

SAMPLER NAME AND SIGNATURE: [Signature]
DATE: 3-16-21 1330

TEMP in C: [blank]
Received on Ice (Y/N): [blank]
Custody Sealed Cooler (Y/N): [blank]
Samples Intact (Y/N): [blank]

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Section B Required Project Information: Section C Invoice Information:

Company: Synterra	Report To: Tom King	Attention:
Address: 148 River Street	Copy To: Heather Smith	Company Name:
Suite 220, Greenville, SC 29601		Address:
Email To: kking@synterraCorp.com	Purchase Order #: _____	Address:
Phone: _____ Fax: _____	Project Name: Former Bramlette MGP	Pace Quote:
Requested Due Date: 3-day TAT	Project Number: 00.2731.00.08	Pace Project Manager: Kevin Herring
		Pace Profile #: 7754
		Regulatory Agency
		State / Location

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	HOLD SAMPLE
			START DATE TIME	END DATE TIME								
1	RI-SB-21_SO_0.5-1.0_20210315	SL G	3/15/2021 1505			4		8260				
2	RI-SB-21_SO_5.5-6.0_20210315	SL G	3/15/2021 1510			4		8270				
3	RI-SB-22_SO_0.5-1.0_20210315	SL G	3/15/2021 1525			4		Trip Blank				
4	RI-SB-22_SO_5.5-6.0_20210315	SL G	3/15/2021 1530			4						
5	RI-SB-23_SO_0.5-1.0_20210315	SL G	3/15/2021 1535			4						
6	RI-SB-23_SO_5.5-6.0_20210315	SL G	3/15/2021 1540			4						
7	RI-SB-24_SO_0.5-1.0_20210315	SL G	3/15/2021 1555			4						
8	RI-SB-24_SO_5.5-6.0_20210315	SL G	3/15/2021 1600			4						
9	Trip Blank	WT G	3/15/2021			2	X					
10												
11												
12												

SAMPLER NAME AND SIGNATURE	
PRINT Name of SAMPLER: Tom King	DATE Signed: 3/15/2021
SIGNATURE of SAMPLER:	

May 13, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 17, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92528353001	RI-SB-19_SO_0.5-1.0_20210315	Solid	03/15/21 14:15	03/17/21 10:45
92528353002	RI-SB-19_SO_5.5-6.0_20210315	Solid	03/15/21 14:20	03/17/21 10:45
92528353003	RI-SB-20_SO_0.5-1.0_20210315	Solid	03/15/21 14:30	03/17/21 10:45
92528353004	RI-SB-20_SO_5.5-6.0_20210315	Solid	03/15/21 14:35	03/17/21 10:45
92528353005	TRIP BLANK	Water	03/17/21 00:00	03/17/21 10:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92528353001	RI-SB-19_SO_0.5-1.0_20210315	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353002	RI-SB-19_SO_5.5-6.0_20210315	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353003	RI-SB-20_SO_0.5-1.0_20210315	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353004	RI-SB-20_SO_5.5-6.0_20210315	EPA 8270E	BPJ	69	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92528353005	TRIP BLANK	EPA 8260D	PM1	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92528353001	RI-SB-19_SO_0.5-1.0_20210315					
EPA 8260D	Acetone	97.3J	ug/kg	146	03/19/21 23:03	
EPA 8260D	2-Butanone (MEK)	47.6J	ug/kg	146	03/19/21 23:03	
EPA 8260D	Naphthalene	6.4J	ug/kg	7.3	03/19/21 23:03	
EPA 8260D	Toluene	5.7J	ug/kg	7.3	03/19/21 23:03	
SW-846	Percent Moisture	22.0	%	0.10	03/18/21 15:17	N2
92528353002	RI-SB-19_SO_5.5-6.0_20210315					
EPA 8260D	Ethylbenzene	9.2J	ug/kg	16.9	03/19/21 01:02	
EPA 8260D	Xylene (Total)	89.9	ug/kg	33.7	03/19/21 01:02	
EPA 8260D	m&p-Xylene	65.9	ug/kg	33.7	03/19/21 01:02	
EPA 8260D	o-Xylene	24.0	ug/kg	16.9	03/19/21 01:02	
SW-846	Percent Moisture	22.3	%	0.10	03/18/21 15:17	N2
92528353003	RI-SB-20_SO_0.5-1.0_20210315					
EPA 8260D	Toluene	14.1	ug/kg	6.6	03/19/21 01:55	
SW-846	Percent Moisture	13.2	%	0.10	03/18/21 15:17	N2
92528353004	RI-SB-20_SO_5.5-6.0_20210315					
EPA 8260D	Toluene	5.0J	ug/kg	6.3	03/19/21 01:20	
SW-846	Percent Moisture	18.9	%	0.10	03/18/21 15:17	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: May 13, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607492

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3200335)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- DUP (Lab ID: 3200338)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- LCS (Lab ID: 3200336)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- MS (Lab ID: 3200337)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- RI-SB-19_SO_0.5-1.0_20210315 (Lab ID: 92528353001)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate
- RI-SB-20_SO_0.5-1.0_20210315 (Lab ID: 92528353003)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: May 13, 2021

QC Batch: 607492

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Butylbenzylphthalate
- Di-n-octylphthalate
- bis(2-Ethylhexyl)phthalate
- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
 - Butylbenzylphthalate
 - Di-n-octylphthalate
 - bis(2-Ethylhexyl)phthalate

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607492

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92527967001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200337)
 - Benzoic Acid

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: May 13, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 608197

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3204047)
 - Bromoform
- LCS (Lab ID: 3204048)
 - Bromoform
- MS (Lab ID: 3204049)
 - Bromoform
- MSD (Lab ID: 3204050)
 - Bromoform
- TRIP BLANK (Lab ID: 92528353005)
 - Bromoform

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: May 13, 2021

General Information:

4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607623

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3200879)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- DUP (Lab ID: 3200881)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- LCS (Lab ID: 3200880)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- MS (Lab ID: 3200882)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
 - Bromomethane
 - Hexachloro-1,3-butadiene
- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
 - Hexachloro-1,3-butadiene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 607623

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3200879)
 - Bromomethane
- DUP (Lab ID: 3200881)
 - Bromomethane
- LCS (Lab ID: 3200880)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

QC Batch: 607623

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- Bromomethane
- MS (Lab ID: 3200882)
 - Bromomethane
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
 - Bromomethane

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3200879)
 - tert-Butylbenzene
- DUP (Lab ID: 3200881)
 - tert-Butylbenzene
- LCS (Lab ID: 3200880)
 - tert-Butylbenzene
- MS (Lab ID: 3200882)
 - tert-Butylbenzene
- RI-SB-19_SO_5.5-6.0_20210315 (Lab ID: 92528353002)
 - tert-Butylbenzene
- RI-SB-20_SO_5.5-6.0_20210315 (Lab ID: 92528353004)
 - tert-Butylbenzene

QC Batch: 608035

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3203111)
 - Bromomethane
- DUP (Lab ID: 3203113)
 - Bromomethane
- LCS (Lab ID: 3203112)
 - Bromomethane
- MS (Lab ID: 3203114)
 - Bromomethane
- RI-SB-19_SO_0.5-1.0_20210315 (Lab ID: 92528353001)
 - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3203114)
 - tert-Butylbenzene

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: May 13, 2021

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 607623

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3200880)
- Bromomethane

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 607623

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92528353002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3200882)
- Chloromethane

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 Lab ID: 92528353001 Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	83-32-9	
Acenaphthylene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	208-96-8	
Aniline	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	62-53-3	
Anthracene	ND	ug/kg	429	140	1	03/18/21 10:18	03/18/21 20:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	429	143	1	03/18/21 10:18	03/18/21 20:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	429	148	1	03/18/21 10:18	03/18/21 20:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	429	143	1	03/18/21 10:18	03/18/21 20:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	429	166	1	03/18/21 10:18	03/18/21 20:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	207-08-9	
Benzoic Acid	ND	ug/kg	2140	921	1	03/18/21 10:18	03/18/21 20:49	65-85-0	
Benzyl alcohol	ND	ug/kg	857	325	1	03/18/21 10:18	03/18/21 20:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	429	181	1	03/18/21 10:18	03/18/21 20:49	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	857	301	1	03/18/21 10:18	03/18/21 20:49	59-50-7	
4-Chloroaniline	ND	ug/kg	857	336	1	03/18/21 10:18	03/18/21 20:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	429	178	1	03/18/21 10:18	03/18/21 20:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	111-44-4	
2-Chloronaphthalene	ND	ug/kg	429	170	1	03/18/21 10:18	03/18/21 20:49	91-58-7	
2-Chlorophenol	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	429	160	1	03/18/21 10:18	03/18/21 20:49	7005-72-3	
Chrysene	ND	ug/kg	429	156	1	03/18/21 10:18	03/18/21 20:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	53-70-3	
Dibenzofuran	ND	ug/kg	429	155	1	03/18/21 10:18	03/18/21 20:49	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	857	290	1	03/18/21 10:18	03/18/21 20:49	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	120-83-2	
Diethylphthalate	ND	ug/kg	429	157	1	03/18/21 10:18	03/18/21 20:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	429	178	1	03/18/21 10:18	03/18/21 20:49	105-67-9	
Dimethylphthalate	ND	ug/kg	429	156	1	03/18/21 10:18	03/18/21 20:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	429	144	1	03/18/21 10:18	03/18/21 20:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	857	400	1	03/18/21 10:18	03/18/21 20:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2140	1320	1	03/18/21 10:18	03/18/21 20:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	429	165	1	03/18/21 10:18	03/18/21 20:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	429	157	1	03/18/21 10:18	03/18/21 20:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	429	169	1	03/18/21 10:18	03/18/21 20:49	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	429	166	1	03/18/21 10:18	03/18/21 20:49	117-81-7	v1
Fluoranthene	ND	ug/kg	429	147	1	03/18/21 10:18	03/18/21 20:49	206-44-0	
Fluorene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	86-73-7	
Hexachlorobenzene	ND	ug/kg	429	168	1	03/18/21 10:18	03/18/21 20:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	429	245	1	03/18/21 10:18	03/18/21 20:49	77-47-4	
Hexachloroethane	ND	ug/kg	429	164	1	03/18/21 10:18	03/18/21 20:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	429	169	1	03/18/21 10:18	03/18/21 20:49	193-39-5	
Isophorone	ND	ug/kg	429	191	1	03/18/21 10:18	03/18/21 20:49	78-59-1	
1-Methylnaphthalene	ND	ug/kg	429	151	1	03/18/21 10:18	03/18/21 20:49	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 Lab ID: 92528353001 Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylnaphthalene	ND	ug/kg	429	171	1	03/18/21 10:18	03/18/21 20:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	429	175	1	03/18/21 10:18	03/18/21 20:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	429	173	1	03/18/21 10:18	03/18/21 20:49	15831-10-4	
2-Nitroaniline	ND	ug/kg	2140	351	1	03/18/21 10:18	03/18/21 20:49	88-74-4	
3-Nitroaniline	ND	ug/kg	2140	336	1	03/18/21 10:18	03/18/21 20:49	99-09-2	
4-Nitroaniline	ND	ug/kg	857	326	1	03/18/21 10:18	03/18/21 20:49	100-01-6	
Nitrobenzene	ND	ug/kg	429	199	1	03/18/21 10:18	03/18/21 20:49	98-95-3	
2-Nitrophenol	ND	ug/kg	429	186	1	03/18/21 10:18	03/18/21 20:49	88-75-5	
4-Nitrophenol	ND	ug/kg	2140	829	1	03/18/21 10:18	03/18/21 20:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	429	144	1	03/18/21 10:18	03/18/21 20:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	429	161	1	03/18/21 10:18	03/18/21 20:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	429	152	1	03/18/21 10:18	03/18/21 20:49	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	429	204	1	03/18/21 10:18	03/18/21 20:49	108-60-1	
Pentachlorophenol	ND	ug/kg	857	420	1	03/18/21 10:18	03/18/21 20:49	87-86-5	
Phenanthrene	ND	ug/kg	429	140	1	03/18/21 10:18	03/18/21 20:49	85-01-8	
Phenol	ND	ug/kg	429	191	1	03/18/21 10:18	03/18/21 20:49	108-95-2	
Pyrene	ND	ug/kg	429	174	1	03/18/21 10:18	03/18/21 20:49	129-00-0	
Pyridine	ND	ug/kg	429	135	1	03/18/21 10:18	03/18/21 20:49	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	429	196	1	03/18/21 10:18	03/18/21 20:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	429	177	1	03/18/21 10:18	03/18/21 20:49	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	21-130		1	03/18/21 10:18	03/18/21 20:49	4165-60-0	
2-Fluorobiphenyl (S)	39	%	19-130		1	03/18/21 10:18	03/18/21 20:49	321-60-8	
Terphenyl-d14 (S)	65	%	15-130		1	03/18/21 10:18	03/18/21 20:49	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 20:49	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 20:49	367-12-4	
2,4,6-Tribromophenol (S)	63	%	18-130		1	03/18/21 10:18	03/18/21 20:49	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	97.3J	ug/kg	146	46.8	1	03/19/21 12:09	03/19/21 23:03	67-64-1	
Benzene	ND	ug/kg	7.3	2.9	1	03/19/21 12:09	03/19/21 23:03	71-43-2	
Bromobenzene	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	2.2	1	03/19/21 12:09	03/19/21 23:03	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	75-27-4	
Bromoform	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	75-25-2	
Bromomethane	ND	ug/kg	14.6	11.5	1	03/19/21 12:09	03/19/21 23:03	74-83-9	v1
2-Butanone (MEK)	47.6J	ug/kg	146	35.0	1	03/19/21 12:09	03/19/21 23:03	78-93-3	
n-Butylbenzene	ND	ug/kg	7.3	3.4	1	03/19/21 12:09	03/19/21 23:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	2.7	1	03/19/21 12:09	03/19/21 23:03	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1.4	1	03/19/21 12:09	03/19/21 23:03	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 Lab ID: 92528353001 Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/kg	14.6	5.6	1	03/19/21 12:09	03/19/21 23:03	75-00-3	
Chloroform	ND	ug/kg	7.3	4.4	1	03/19/21 12:09	03/19/21 23:03	67-66-3	
Chloromethane	ND	ug/kg	14.6	6.1	1	03/19/21 12:09	03/19/21 23:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1.3	1	03/19/21 12:09	03/19/21 23:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	4.1	1	03/19/21 12:09	03/19/21 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1.6	1	03/19/21 12:09	03/19/21 23:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.6	3.2	1	03/19/21 12:09	03/19/21 23:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.3	3.0	1	03/19/21 12:09	03/19/21 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	4.8	1	03/19/21 12:09	03/19/21 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	3.0	1	03/19/21 12:09	03/19/21 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	2.2	1	03/19/21 12:09	03/19/21 23:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.3	3.5	1	03/19/21 12:09	03/19/21 23:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	3.4	1	03/19/21 12:09	03/19/21 23:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.6	11.9	1	03/19/21 12:09	03/19/21 23:03	87-68-3	
2-Hexanone	ND	ug/kg	72.9	7.0	1	03/19/21 12:09	03/19/21 23:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	3.6	1	03/19/21 12:09	03/19/21 23:03	99-87-6	
Methylene Chloride	ND	ug/kg	29.2	20.0	1	03/19/21 12:09	03/19/21 23:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.9	7.0	1	03/19/21 12:09	03/19/21 23:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	2.7	1	03/19/21 12:09	03/19/21 23:03	1634-04-4	
Naphthalene	6.4J	ug/kg	7.3	3.8	1	03/19/21 12:09	03/19/21 23:03	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	2.6	1	03/19/21 12:09	03/19/21 23:03	103-65-1	
Styrene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	2.8	1	03/19/21 12:09	03/19/21 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	2.3	1	03/19/21 12:09	03/19/21 23:03	127-18-4	
Toluene	5.7J	ug/kg	7.3	2.1	1	03/19/21 12:09	03/19/21 23:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	5.9	1	03/19/21 12:09	03/19/21 23:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	6.1	1	03/19/21 12:09	03/19/21 23:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	3.8	1	03/19/21 12:09	03/19/21 23:03	71-55-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_0.5-1.0_20210315 **Lab ID:** 92528353001 Collected: 03/15/21 14:15 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report		DF	Prepared	Analyzed	CAS No.	Qual
			Limit	MDL					
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,2-Trichloroethane	ND	ug/kg	7.3	2.4	1	03/19/21 12:09	03/19/21 23:03	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1.9	1	03/19/21 12:09	03/19/21 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	4.0	1	03/19/21 12:09	03/19/21 23:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	3.7	1	03/19/21 12:09	03/19/21 23:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	2.0	1	03/19/21 12:09	03/19/21 23:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	2.5	1	03/19/21 12:09	03/19/21 23:03	108-67-8	
Vinyl acetate	ND	ug/kg	72.9	5.3	1	03/19/21 12:09	03/19/21 23:03	108-05-4	
Vinyl chloride	ND	ug/kg	14.6	3.7	1	03/19/21 12:09	03/19/21 23:03	75-01-4	
Xylene (Total)	ND	ug/kg	14.6	4.2	1	03/19/21 12:09	03/19/21 23:03	1330-20-7	
m&p-Xylene	ND	ug/kg	14.6	5.0	1	03/19/21 12:09	03/19/21 23:03	179601-23-1	
o-Xylene	ND	ug/kg	7.3	3.2	1	03/19/21 12:09	03/19/21 23:03	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	03/19/21 12:09	03/19/21 23:03	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/19/21 12:09	03/19/21 23:03	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	03/19/21 12:09	03/19/21 23:03	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	22.0	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID:** 92528353002 Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546							
		Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	83-32-9	
Acenaphthylene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	208-96-8	
Aniline	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	62-53-3	
Anthracene	ND	ug/kg	420	138	1	03/18/21 10:18	03/18/21 21:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	420	140	1	03/18/21 10:18	03/18/21 21:17	56-55-3	
Benzo(a)pyrene	ND	ug/kg	420	145	1	03/18/21 10:18	03/18/21 21:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	420	140	1	03/18/21 10:18	03/18/21 21:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	420	163	1	03/18/21 10:18	03/18/21 21:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	207-08-9	
Benzoic Acid	ND	ug/kg	2100	903	1	03/18/21 10:18	03/18/21 21:17	65-85-0	
Benzyl alcohol	ND	ug/kg	841	318	1	03/18/21 10:18	03/18/21 21:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	420	177	1	03/18/21 10:18	03/18/21 21:17	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	841	296	1	03/18/21 10:18	03/18/21 21:17	59-50-7	
4-Chloroaniline	ND	ug/kg	841	330	1	03/18/21 10:18	03/18/21 21:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	420	175	1	03/18/21 10:18	03/18/21 21:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	111-44-4	
2-Chloronaphthalene	ND	ug/kg	420	167	1	03/18/21 10:18	03/18/21 21:17	91-58-7	
2-Chlorophenol	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	420	157	1	03/18/21 10:18	03/18/21 21:17	7005-72-3	
Chrysene	ND	ug/kg	420	153	1	03/18/21 10:18	03/18/21 21:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	53-70-3	
Dibenzofuran	ND	ug/kg	420	152	1	03/18/21 10:18	03/18/21 21:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	841	284	1	03/18/21 10:18	03/18/21 21:17	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	120-83-2	
Diethylphthalate	ND	ug/kg	420	154	1	03/18/21 10:18	03/18/21 21:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	420	175	1	03/18/21 10:18	03/18/21 21:17	105-67-9	
Dimethylphthalate	ND	ug/kg	420	153	1	03/18/21 10:18	03/18/21 21:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	420	141	1	03/18/21 10:18	03/18/21 21:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	841	392	1	03/18/21 10:18	03/18/21 21:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1300	1	03/18/21 10:18	03/18/21 21:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	420	162	1	03/18/21 10:18	03/18/21 21:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	420	154	1	03/18/21 10:18	03/18/21 21:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	420	166	1	03/18/21 10:18	03/18/21 21:17	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	163	1	03/18/21 10:18	03/18/21 21:17	117-81-7	v1
Fluoranthene	ND	ug/kg	420	144	1	03/18/21 10:18	03/18/21 21:17	206-44-0	
Fluorene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	86-73-7	
Hexachlorobenzene	ND	ug/kg	420	164	1	03/18/21 10:18	03/18/21 21:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	420	241	1	03/18/21 10:18	03/18/21 21:17	77-47-4	
Hexachloroethane	ND	ug/kg	420	160	1	03/18/21 10:18	03/18/21 21:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	166	1	03/18/21 10:18	03/18/21 21:17	193-39-5	
Isophorone	ND	ug/kg	420	187	1	03/18/21 10:18	03/18/21 21:17	78-59-1	
1-Methylnaphthalene	ND	ug/kg	420	148	1	03/18/21 10:18	03/18/21 21:17	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 Lab ID: 92528353002 Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylnaphthalene	ND	ug/kg	420	168	1	03/18/21 10:18	03/18/21 21:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	420	172	1	03/18/21 10:18	03/18/21 21:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	420	169	1	03/18/21 10:18	03/18/21 21:17	15831-10-4	
2-Nitroaniline	ND	ug/kg	2100	344	1	03/18/21 10:18	03/18/21 21:17	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	330	1	03/18/21 10:18	03/18/21 21:17	99-09-2	
4-Nitroaniline	ND	ug/kg	841	320	1	03/18/21 10:18	03/18/21 21:17	100-01-6	
Nitrobenzene	ND	ug/kg	420	195	1	03/18/21 10:18	03/18/21 21:17	98-95-3	
2-Nitrophenol	ND	ug/kg	420	182	1	03/18/21 10:18	03/18/21 21:17	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	813	1	03/18/21 10:18	03/18/21 21:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	420	141	1	03/18/21 10:18	03/18/21 21:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	420	158	1	03/18/21 10:18	03/18/21 21:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	420	149	1	03/18/21 10:18	03/18/21 21:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	420	200	1	03/18/21 10:18	03/18/21 21:17	108-60-1	
Pentachlorophenol	ND	ug/kg	841	411	1	03/18/21 10:18	03/18/21 21:17	87-86-5	
Phenanthrene	ND	ug/kg	420	138	1	03/18/21 10:18	03/18/21 21:17	85-01-8	
Phenol	ND	ug/kg	420	187	1	03/18/21 10:18	03/18/21 21:17	108-95-2	
Pyrene	ND	ug/kg	420	171	1	03/18/21 10:18	03/18/21 21:17	129-00-0	
Pyridine	ND	ug/kg	420	132	1	03/18/21 10:18	03/18/21 21:17	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	420	192	1	03/18/21 10:18	03/18/21 21:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	420	173	1	03/18/21 10:18	03/18/21 21:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	21-130		1	03/18/21 10:18	03/18/21 21:17	4165-60-0	
2-Fluorobiphenyl (S)	27	%	19-130		1	03/18/21 10:18	03/18/21 21:17	321-60-8	
Terphenyl-d14 (S)	32	%	15-130		1	03/18/21 10:18	03/18/21 21:17	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:17	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:17	367-12-4	
2,4,6-Tribromophenol (S)	54	%	18-130		1	03/18/21 10:18	03/18/21 21:17	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	337	108	1	03/18/21 12:56	03/19/21 01:02	67-64-1	
Benzene	ND	ug/kg	16.9	6.7	1	03/18/21 12:56	03/19/21 01:02	71-43-2	
Bromobenzene	ND	ug/kg	16.9	5.5	1	03/18/21 12:56	03/19/21 01:02	108-86-1	
Bromochloromethane	ND	ug/kg	16.9	5.0	1	03/18/21 12:56	03/19/21 01:02	74-97-5	
Bromodichloromethane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	75-27-4	
Bromoform	ND	ug/kg	16.9	5.9	1	03/18/21 12:56	03/19/21 01:02	75-25-2	
Bromomethane	ND	ug/kg	33.7	26.6	1	03/18/21 12:56	03/19/21 01:02	74-83-9	IH,IK, L1,v1
2-Butanone (MEK)	ND	ug/kg	337	80.9	1	03/18/21 12:56	03/19/21 01:02	78-93-3	
n-Butylbenzene	ND	ug/kg	16.9	8.0	1	03/18/21 12:56	03/19/21 01:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	16.9	7.4	1	03/18/21 12:56	03/19/21 01:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	16.9	6.3	1	03/18/21 12:56	03/19/21 01:02	56-23-5	
Chlorobenzene	ND	ug/kg	16.9	3.2	1	03/18/21 12:56	03/19/21 01:02	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID:** 92528353002 Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/kg	33.7	13.0	1	03/18/21 12:56	03/19/21 01:02	75-00-3	
Chloroform	ND	ug/kg	16.9	10.2	1	03/18/21 12:56	03/19/21 01:02	67-66-3	
Chloromethane	ND	ug/kg	33.7	14.2	1	03/18/21 12:56	03/19/21 01:02	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	16.9	3.0	1	03/18/21 12:56	03/19/21 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	96-12-8	
Dibromochloromethane	ND	ug/kg	16.9	9.5	1	03/18/21 12:56	03/19/21 01:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.9	7.4	1	03/18/21 12:56	03/19/21 01:02	106-93-4	
Dibromomethane	ND	ug/kg	16.9	3.6	1	03/18/21 12:56	03/19/21 01:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.9	6.1	1	03/18/21 12:56	03/19/21 01:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.9	5.2	1	03/18/21 12:56	03/19/21 01:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.9	4.4	1	03/18/21 12:56	03/19/21 01:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	33.7	7.3	1	03/18/21 12:56	03/19/21 01:02	75-71-8	
1,1-Dichloroethane	ND	ug/kg	16.9	6.9	1	03/18/21 12:56	03/19/21 01:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.9	11.2	1	03/18/21 12:56	03/19/21 01:02	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.9	6.9	1	03/18/21 12:56	03/19/21 01:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.9	5.8	1	03/18/21 12:56	03/19/21 01:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.9	5.9	1	03/18/21 12:56	03/19/21 01:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.9	5.1	1	03/18/21 12:56	03/19/21 01:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.9	5.3	1	03/18/21 12:56	03/19/21 01:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.9	5.5	1	03/18/21 12:56	03/19/21 01:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	16.9	8.1	1	03/18/21 12:56	03/19/21 01:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.9	5.8	1	03/18/21 12:56	03/19/21 01:02	10061-02-6	
Diisopropyl ether	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	108-20-3	
Ethylbenzene	9.2J	ug/kg	16.9	7.9	1	03/18/21 12:56	03/19/21 01:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	33.7	27.6	1	03/18/21 12:56	03/19/21 01:02	87-68-3	IK
2-Hexanone	ND	ug/kg	169	16.3	1	03/18/21 12:56	03/19/21 01:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	16.9	5.7	1	03/18/21 12:56	03/19/21 01:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	16.9	8.3	1	03/18/21 12:56	03/19/21 01:02	99-87-6	
Methylene Chloride	ND	ug/kg	67.4	46.2	1	03/18/21 12:56	03/19/21 01:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	169	16.3	1	03/18/21 12:56	03/19/21 01:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	16.9	6.3	1	03/18/21 12:56	03/19/21 01:02	1634-04-4	
Naphthalene	ND	ug/kg	16.9	8.9	1	03/18/21 12:56	03/19/21 01:02	91-20-3	
n-Propylbenzene	ND	ug/kg	16.9	6.0	1	03/18/21 12:56	03/19/21 01:02	103-65-1	
Styrene	ND	ug/kg	16.9	4.5	1	03/18/21 12:56	03/19/21 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.9	6.5	1	03/18/21 12:56	03/19/21 01:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.9	4.5	1	03/18/21 12:56	03/19/21 01:02	79-34-5	
Tetrachloroethene	ND	ug/kg	16.9	5.3	1	03/18/21 12:56	03/19/21 01:02	127-18-4	
Toluene	ND	ug/kg	16.9	4.8	1	03/18/21 12:56	03/19/21 01:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	16.9	13.6	1	03/18/21 12:56	03/19/21 01:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.9	14.2	1	03/18/21 12:56	03/19/21 01:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.9	8.8	1	03/18/21 12:56	03/19/21 01:02	71-55-6	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-19_SO_5.5-6.0_20210315 **Lab ID:** 92528353002 Collected: 03/15/21 14:20 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,2-Trichloroethane	ND	ug/kg	16.9	5.6	1	03/18/21 12:56	03/19/21 01:02	79-00-5	
Trichloroethene	ND	ug/kg	16.9	4.3	1	03/18/21 12:56	03/19/21 01:02	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.9	9.3	1	03/18/21 12:56	03/19/21 01:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.9	8.5	1	03/18/21 12:56	03/19/21 01:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	16.9	4.6	1	03/18/21 12:56	03/19/21 01:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	16.9	5.7	1	03/18/21 12:56	03/19/21 01:02	108-67-8	
Vinyl acetate	ND	ug/kg	169	12.3	1	03/18/21 12:56	03/19/21 01:02	108-05-4	
Vinyl chloride	ND	ug/kg	33.7	8.6	1	03/18/21 12:56	03/19/21 01:02	75-01-4	
Xylene (Total)	89.9	ug/kg	33.7	9.6	1	03/18/21 12:56	03/19/21 01:02	1330-20-7	
m&p-Xylene	65.9	ug/kg	33.7	11.5	1	03/18/21 12:56	03/19/21 01:02	179601-23-1	
o-Xylene	24.0	ug/kg	16.9	7.5	1	03/18/21 12:56	03/19/21 01:02	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/18/21 12:56	03/19/21 01:02	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/18/21 12:56	03/19/21 01:02	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/18/21 12:56	03/19/21 01:02	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	22.3	%	0.10	0.10	1		03/18/21 15:17		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 Lab ID: 92528353003 Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	83-32-9	
Acenaphthylene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	208-96-8	
Aniline	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	62-53-3	
Anthracene	ND	ug/kg	383	125	1	03/18/21 10:18	03/18/21 21:45	120-12-7	
Benzo(a)anthracene	ND	ug/kg	383	128	1	03/18/21 10:18	03/18/21 21:45	56-55-3	
Benzo(a)pyrene	ND	ug/kg	383	132	1	03/18/21 10:18	03/18/21 21:45	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	383	128	1	03/18/21 10:18	03/18/21 21:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	383	149	1	03/18/21 10:18	03/18/21 21:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	207-08-9	
Benzoic Acid	ND	ug/kg	1910	823	1	03/18/21 10:18	03/18/21 21:45	65-85-0	
Benzyl alcohol	ND	ug/kg	766	290	1	03/18/21 10:18	03/18/21 21:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	101-55-3	
Butylbenzylphthalate	ND	ug/kg	383	161	1	03/18/21 10:18	03/18/21 21:45	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	766	269	1	03/18/21 10:18	03/18/21 21:45	59-50-7	
4-Chloroaniline	ND	ug/kg	766	300	1	03/18/21 10:18	03/18/21 21:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	383	159	1	03/18/21 10:18	03/18/21 21:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	111-44-4	
2-Chloronaphthalene	ND	ug/kg	383	152	1	03/18/21 10:18	03/18/21 21:45	91-58-7	
2-Chlorophenol	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	383	143	1	03/18/21 10:18	03/18/21 21:45	7005-72-3	
Chrysene	ND	ug/kg	383	139	1	03/18/21 10:18	03/18/21 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	53-70-3	
Dibenzofuran	ND	ug/kg	383	138	1	03/18/21 10:18	03/18/21 21:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	766	259	1	03/18/21 10:18	03/18/21 21:45	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	120-83-2	
Diethylphthalate	ND	ug/kg	383	140	1	03/18/21 10:18	03/18/21 21:45	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	383	159	1	03/18/21 10:18	03/18/21 21:45	105-67-9	
Dimethylphthalate	ND	ug/kg	383	139	1	03/18/21 10:18	03/18/21 21:45	131-11-3	
Di-n-butylphthalate	ND	ug/kg	383	129	1	03/18/21 10:18	03/18/21 21:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	766	357	1	03/18/21 10:18	03/18/21 21:45	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1180	1	03/18/21 10:18	03/18/21 21:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	383	147	1	03/18/21 10:18	03/18/21 21:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	383	140	1	03/18/21 10:18	03/18/21 21:45	606-20-2	
Di-n-octylphthalate	ND	ug/kg	383	151	1	03/18/21 10:18	03/18/21 21:45	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	383	149	1	03/18/21 10:18	03/18/21 21:45	117-81-7	v1
Fluoranthene	ND	ug/kg	383	131	1	03/18/21 10:18	03/18/21 21:45	206-44-0	
Fluorene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	86-73-7	
Hexachlorobenzene	ND	ug/kg	383	150	1	03/18/21 10:18	03/18/21 21:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	383	219	1	03/18/21 10:18	03/18/21 21:45	77-47-4	
Hexachloroethane	ND	ug/kg	383	146	1	03/18/21 10:18	03/18/21 21:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	383	151	1	03/18/21 10:18	03/18/21 21:45	193-39-5	
Isophorone	ND	ug/kg	383	171	1	03/18/21 10:18	03/18/21 21:45	78-59-1	
1-Methylnaphthalene	ND	ug/kg	383	135	1	03/18/21 10:18	03/18/21 21:45	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID:** 92528353003 **Collected:** 03/15/21 14:30 **Received:** 03/17/21 10:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
2-Methylnaphthalene	ND	ug/kg	383	153	1	03/18/21 10:18	03/18/21 21:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	383	157	1	03/18/21 10:18	03/18/21 21:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	383	154	1	03/18/21 10:18	03/18/21 21:45	15831-10-4	
2-Nitroaniline	ND	ug/kg	1910	313	1	03/18/21 10:18	03/18/21 21:45	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	300	1	03/18/21 10:18	03/18/21 21:45	99-09-2	
4-Nitroaniline	ND	ug/kg	766	291	1	03/18/21 10:18	03/18/21 21:45	100-01-6	
Nitrobenzene	ND	ug/kg	383	178	1	03/18/21 10:18	03/18/21 21:45	98-95-3	
2-Nitrophenol	ND	ug/kg	383	166	1	03/18/21 10:18	03/18/21 21:45	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	740	1	03/18/21 10:18	03/18/21 21:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	383	129	1	03/18/21 10:18	03/18/21 21:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	383	144	1	03/18/21 10:18	03/18/21 21:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	383	136	1	03/18/21 10:18	03/18/21 21:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	383	182	1	03/18/21 10:18	03/18/21 21:45	108-60-1	
Pentachlorophenol	ND	ug/kg	766	375	1	03/18/21 10:18	03/18/21 21:45	87-86-5	
Phenanthrene	ND	ug/kg	383	125	1	03/18/21 10:18	03/18/21 21:45	85-01-8	
Phenol	ND	ug/kg	383	171	1	03/18/21 10:18	03/18/21 21:45	108-95-2	
Pyrene	ND	ug/kg	383	155	1	03/18/21 10:18	03/18/21 21:45	129-00-0	
Pyridine	ND	ug/kg	383	121	1	03/18/21 10:18	03/18/21 21:45	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	383	175	1	03/18/21 10:18	03/18/21 21:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	383	158	1	03/18/21 10:18	03/18/21 21:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	21-130		1	03/18/21 10:18	03/18/21 21:45	4165-60-0	
2-Fluorobiphenyl (S)	61	%	19-130		1	03/18/21 10:18	03/18/21 21:45	321-60-8	
Terphenyl-d14 (S)	86	%	15-130		1	03/18/21 10:18	03/18/21 21:45	1718-51-0	
Phenol-d6 (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:45	13127-88-3	
2-Fluorophenol (S)	61	%	18-130		1	03/18/21 10:18	03/18/21 21:45	367-12-4	
2,4,6-Tribromophenol (S)	56	%	18-130		1	03/18/21 10:18	03/18/21 21:45	118-79-6	
8260D/5035A/5030B SC Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	131	42.1	1	03/18/21 12:56	03/19/21 01:55	67-64-1	
Benzene	ND	ug/kg	6.6	2.6	1	03/18/21 12:56	03/19/21 01:55	71-43-2	
Bromobenzene	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	1.9	1	03/18/21 12:56	03/19/21 01:55	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	75-27-4	
Bromoform	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	75-25-2	
Bromomethane	ND	ug/kg	13.1	10.4	1	03/18/21 12:56	03/19/21 01:55	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	131	31.5	1	03/18/21 12:56	03/19/21 01:55	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	3.1	1	03/18/21 12:56	03/19/21 01:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1.3	1	03/18/21 12:56	03/19/21 01:55	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID:** 92528353003 Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/kg	13.1	5.1	1	03/18/21 12:56	03/19/21 01:55	75-00-3	
Chloroform	ND	ug/kg	6.6	4.0	1	03/18/21 12:56	03/19/21 01:55	67-66-3	
Chloromethane	ND	ug/kg	13.1	5.5	1	03/18/21 12:56	03/19/21 01:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1.2	1	03/18/21 12:56	03/19/21 01:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	3.7	1	03/18/21 12:56	03/19/21 01:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1.4	1	03/18/21 12:56	03/19/21 01:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	2.4	1	03/18/21 12:56	03/19/21 01:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.1	2.8	1	03/18/21 12:56	03/19/21 01:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	2.7	1	03/18/21 12:56	03/19/21 01:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	4.3	1	03/18/21 12:56	03/19/21 01:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	2.7	1	03/18/21 12:56	03/19/21 01:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	2.0	1	03/18/21 12:56	03/19/21 01:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	3.2	1	03/18/21 12:56	03/19/21 01:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	108-20-3	
Ethylbenzene	ND	ug/kg	6.6	3.1	1	03/18/21 12:56	03/19/21 01:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.1	10.7	1	03/18/21 12:56	03/19/21 01:55	87-68-3	
2-Hexanone	ND	ug/kg	65.6	6.3	1	03/18/21 12:56	03/19/21 01:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	3.2	1	03/18/21 12:56	03/19/21 01:55	99-87-6	
Methylene Chloride	ND	ug/kg	26.3	18.0	1	03/18/21 12:56	03/19/21 01:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	65.6	6.3	1	03/18/21 12:56	03/19/21 01:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	1634-04-4	
Naphthalene	ND	ug/kg	6.6	3.5	1	03/18/21 12:56	03/19/21 01:55	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	2.3	1	03/18/21 12:56	03/19/21 01:55	103-65-1	
Styrene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	2.5	1	03/18/21 12:56	03/19/21 01:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	2.1	1	03/18/21 12:56	03/19/21 01:55	127-18-4	
Toluene	14.1	ug/kg	6.6	1.9	1	03/18/21 12:56	03/19/21 01:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	5.3	1	03/18/21 12:56	03/19/21 01:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	5.5	1	03/18/21 12:56	03/19/21 01:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	3.4	1	03/18/21 12:56	03/19/21 01:55	71-55-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-20_SO_0.5-1.0_20210315 **Lab ID:** 92528353003 Collected: 03/15/21 14:30 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,2-Trichloroethane	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1.7	1	03/18/21 12:56	03/19/21 01:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	3.6	1	03/18/21 12:56	03/19/21 01:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	3.3	1	03/18/21 12:56	03/19/21 01:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1.8	1	03/18/21 12:56	03/19/21 01:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	2.2	1	03/18/21 12:56	03/19/21 01:55	108-67-8	
Vinyl acetate	ND	ug/kg	65.6	4.8	1	03/18/21 12:56	03/19/21 01:55	108-05-4	
Vinyl chloride	ND	ug/kg	13.1	3.3	1	03/18/21 12:56	03/19/21 01:55	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	3.7	1	03/18/21 12:56	03/19/21 01:55	1330-20-7	
m&p-Xylene	ND	ug/kg	13.1	4.5	1	03/18/21 12:56	03/19/21 01:55	179601-23-1	
o-Xylene	ND	ug/kg	6.6	2.9	1	03/18/21 12:56	03/19/21 01:55	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	03/18/21 12:56	03/19/21 01:55	2037-26-5	
4-Bromofluorobenzene (S)	94	%	69-134		1	03/18/21 12:56	03/19/21 01:55	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	03/18/21 12:56	03/19/21 01:55	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	13.2	%	0.10	0.10	1		03/18/21 15:17		N2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID:** 92528353004 **Collected:** 03/15/21 14:35 **Received:** 03/17/21 10:45 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	83-32-9	
Acenaphthylene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	208-96-8	
Aniline	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	62-53-3	
Anthracene	ND	ug/kg	408	134	1	03/18/21 10:18	03/18/21 22:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	408	136	1	03/18/21 10:18	03/18/21 22:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	408	141	1	03/18/21 10:18	03/18/21 22:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	408	136	1	03/18/21 10:18	03/18/21 22:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	408	158	1	03/18/21 10:18	03/18/21 22:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	207-08-9	
Benzoic Acid	ND	ug/kg	2040	877	1	03/18/21 10:18	03/18/21 22:13	65-85-0	
Benzyl alcohol	ND	ug/kg	816	309	1	03/18/21 10:18	03/18/21 22:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	408	172	1	03/18/21 10:18	03/18/21 22:13	85-68-7	v1
4-Chloro-3-methylphenol	ND	ug/kg	816	287	1	03/18/21 10:18	03/18/21 22:13	59-50-7	
4-Chloroaniline	ND	ug/kg	816	320	1	03/18/21 10:18	03/18/21 22:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	408	169	1	03/18/21 10:18	03/18/21 22:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	111-44-4	
2-Chloronaphthalene	ND	ug/kg	408	162	1	03/18/21 10:18	03/18/21 22:13	91-58-7	
2-Chlorophenol	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	408	152	1	03/18/21 10:18	03/18/21 22:13	7005-72-3	
Chrysene	ND	ug/kg	408	148	1	03/18/21 10:18	03/18/21 22:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	53-70-3	
Dibenzofuran	ND	ug/kg	408	147	1	03/18/21 10:18	03/18/21 22:13	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	816	276	1	03/18/21 10:18	03/18/21 22:13	91-94-1	IL
2,4-Dichlorophenol	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	120-83-2	
Diethylphthalate	ND	ug/kg	408	150	1	03/18/21 10:18	03/18/21 22:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	408	169	1	03/18/21 10:18	03/18/21 22:13	105-67-9	
Dimethylphthalate	ND	ug/kg	408	148	1	03/18/21 10:18	03/18/21 22:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	408	137	1	03/18/21 10:18	03/18/21 22:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	816	381	1	03/18/21 10:18	03/18/21 22:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2040	1260	1	03/18/21 10:18	03/18/21 22:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	408	157	1	03/18/21 10:18	03/18/21 22:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	408	150	1	03/18/21 10:18	03/18/21 22:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	408	161	1	03/18/21 10:18	03/18/21 22:13	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/kg	408	158	1	03/18/21 10:18	03/18/21 22:13	117-81-7	v1
Fluoranthene	ND	ug/kg	408	140	1	03/18/21 10:18	03/18/21 22:13	206-44-0	
Fluorene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	86-73-7	
Hexachlorobenzene	ND	ug/kg	408	160	1	03/18/21 10:18	03/18/21 22:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	408	234	1	03/18/21 10:18	03/18/21 22:13	77-47-4	
Hexachloroethane	ND	ug/kg	408	156	1	03/18/21 10:18	03/18/21 22:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	408	161	1	03/18/21 10:18	03/18/21 22:13	193-39-5	
Isophorone	ND	ug/kg	408	182	1	03/18/21 10:18	03/18/21 22:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	408	143	1	03/18/21 10:18	03/18/21 22:13	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 Lab ID: 92528353004 Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
2-Methylnaphthalene	ND	ug/kg	408	163	1	03/18/21 10:18	03/18/21 22:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	408	167	1	03/18/21 10:18	03/18/21 22:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	408	165	1	03/18/21 10:18	03/18/21 22:13	15831-10-4	
2-Nitroaniline	ND	ug/kg	2040	334	1	03/18/21 10:18	03/18/21 22:13	88-74-4	
3-Nitroaniline	ND	ug/kg	2040	320	1	03/18/21 10:18	03/18/21 22:13	99-09-2	
4-Nitroaniline	ND	ug/kg	816	310	1	03/18/21 10:18	03/18/21 22:13	100-01-6	
Nitrobenzene	ND	ug/kg	408	189	1	03/18/21 10:18	03/18/21 22:13	98-95-3	
2-Nitrophenol	ND	ug/kg	408	177	1	03/18/21 10:18	03/18/21 22:13	88-75-5	
4-Nitrophenol	ND	ug/kg	2040	789	1	03/18/21 10:18	03/18/21 22:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	408	137	1	03/18/21 10:18	03/18/21 22:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	408	153	1	03/18/21 10:18	03/18/21 22:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	408	145	1	03/18/21 10:18	03/18/21 22:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	408	194	1	03/18/21 10:18	03/18/21 22:13	108-60-1	
Pentachlorophenol	ND	ug/kg	816	400	1	03/18/21 10:18	03/18/21 22:13	87-86-5	
Phenanthrene	ND	ug/kg	408	134	1	03/18/21 10:18	03/18/21 22:13	85-01-8	
Phenol	ND	ug/kg	408	182	1	03/18/21 10:18	03/18/21 22:13	108-95-2	
Pyrene	ND	ug/kg	408	166	1	03/18/21 10:18	03/18/21 22:13	129-00-0	
Pyridine	ND	ug/kg	408	129	1	03/18/21 10:18	03/18/21 22:13	110-86-1	
2,4,5-Trichlorophenol	ND	ug/kg	408	187	1	03/18/21 10:18	03/18/21 22:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	408	168	1	03/18/21 10:18	03/18/21 22:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	21-130		1	03/18/21 10:18	03/18/21 22:13	4165-60-0	
2-Fluorobiphenyl (S)	62	%	19-130		1	03/18/21 10:18	03/18/21 22:13	321-60-8	
Terphenyl-d14 (S)	66	%	15-130		1	03/18/21 10:18	03/18/21 22:13	1718-51-0	
Phenol-d6 (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	13127-88-3	
2-Fluorophenol (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	367-12-4	
2,4,6-Tribromophenol (S)	64	%	18-130		1	03/18/21 10:18	03/18/21 22:13	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	126	40.6	1	03/18/21 12:56	03/19/21 01:20	67-64-1	
Benzene	ND	ug/kg	6.3	2.5	1	03/18/21 12:56	03/19/21 01:20	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	03/18/21 12:56	03/19/21 01:20	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	75-25-2	
Bromomethane	ND	ug/kg	12.6	10	1	03/18/21 12:56	03/19/21 01:20	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	126	30.3	1	03/18/21 12:56	03/19/21 01:20	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	03/18/21 12:56	03/19/21 01:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	98-06-6	v2
Carbon tetrachloride	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1.2	1	03/18/21 12:56	03/19/21 01:20	108-90-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID:** 92528353004 Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Chloroethane	ND	ug/kg	12.6	4.9	1	03/18/21 12:56	03/19/21 01:20	75-00-3	
Chloroform	ND	ug/kg	6.3	3.8	1	03/18/21 12:56	03/19/21 01:20	67-66-3	
Chloromethane	ND	ug/kg	12.6	5.3	1	03/18/21 12:56	03/19/21 01:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	03/18/21 12:56	03/19/21 01:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.5	1	03/18/21 12:56	03/19/21 01:20	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.6	1	03/18/21 12:56	03/19/21 01:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.4	1	03/18/21 12:56	03/19/21 01:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	03/18/21 12:56	03/19/21 01:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.6	2.7	1	03/18/21 12:56	03/19/21 01:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	03/18/21 12:56	03/19/21 01:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.2	1	03/18/21 12:56	03/19/21 01:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	03/18/21 12:56	03/19/21 01:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	03/18/21 12:56	03/19/21 01:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	03/18/21 12:56	03/19/21 01:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	03/18/21 12:56	03/19/21 01:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	2.9	1	03/18/21 12:56	03/19/21 01:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.6	10.3	1	03/18/21 12:56	03/19/21 01:20	87-68-3	IK
2-Hexanone	ND	ug/kg	63.2	6.1	1	03/18/21 12:56	03/19/21 01:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	3.1	1	03/18/21 12:56	03/19/21 01:20	99-87-6	
Methylene Chloride	ND	ug/kg	25.3	17.3	1	03/18/21 12:56	03/19/21 01:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.2	6.1	1	03/18/21 12:56	03/19/21 01:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	1634-04-4	
Naphthalene	ND	ug/kg	6.3	3.3	1	03/18/21 12:56	03/19/21 01:20	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.3	1	03/18/21 12:56	03/19/21 01:20	103-65-1	
Styrene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	03/18/21 12:56	03/19/21 01:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	03/18/21 12:56	03/19/21 01:20	127-18-4	
Toluene	5.0J	ug/kg	6.3	1.8	1	03/18/21 12:56	03/19/21 01:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	03/18/21 12:56	03/19/21 01:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	03/18/21 12:56	03/19/21 01:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	03/18/21 12:56	03/19/21 01:20	71-55-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Sample: RI-SB-20_SO_5.5-6.0_20210315 **Lab ID:** 92528353004 Collected: 03/15/21 14:35 Received: 03/17/21 10:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1.6	1	03/18/21 12:56	03/19/21 01:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	3.5	1	03/18/21 12:56	03/19/21 01:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	03/18/21 12:56	03/19/21 01:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.7	1	03/18/21 12:56	03/19/21 01:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.1	1	03/18/21 12:56	03/19/21 01:20	108-67-8	
Vinyl acetate	ND	ug/kg	63.2	4.6	1	03/18/21 12:56	03/19/21 01:20	108-05-4	
Vinyl chloride	ND	ug/kg	12.6	3.2	1	03/18/21 12:56	03/19/21 01:20	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	3.6	1	03/18/21 12:56	03/19/21 01:20	1330-20-7	
m&p-Xylene	ND	ug/kg	12.6	4.3	1	03/18/21 12:56	03/19/21 01:20	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.8	1	03/18/21 12:56	03/19/21 01:20	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	03/18/21 12:56	03/19/21 01:20	2037-26-5	
4-Bromofluorobenzene (S)	93	%	69-134		1	03/18/21 12:56	03/19/21 01:20	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	03/18/21 12:56	03/19/21 01:20	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	18.9	%	0.10	0.10	1		03/18/21 15:17		N2

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: TRIP BLANK **Lab ID: 92528353005** Collected: 03/17/21 00:00 Received: 03/17/21 10:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/22/21 13:48	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/22/21 13:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/22/21 13:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/22/21 13:48	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		03/22/21 13:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/22/21 13:48	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/22/21 13:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/22/21 13:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/22/21 13:48	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/22/21 13:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/22/21 13:48	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:48	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/22/21 13:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/22/21 13:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/22/21 13:48	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/22/21 13:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/22/21 13:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/22/21 13:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/22/21 13:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/22/21 13:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/22/21 13:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/22/21 13:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/22/21 13:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/22/21 13:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/22/21 13:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/22/21 13:48	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/22/21 13:48	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/22/21 13:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/22/21 13:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/22/21 13:48	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/22/21 13:48	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/22/21 13:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/22/21 13:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/22/21 13:48	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/22/21 13:48	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/22/21 13:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/22/21 13:48	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Sample: TRIP BLANK **Lab ID: 92528353005** Collected: 03/17/21 00:00 Received: 03/17/21 10:45 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/22/21 13:48	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/22/21 13:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/22/21 13:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/22/21 13:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/22/21 13:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/22/21 13:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/22/21 13:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/22/21 13:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/22/21 13:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/22/21 13:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/22/21 13:48	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/22/21 13:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/22/21 13:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/22/21 13:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/22/21 13:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		03/22/21 13:48	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		03/22/21 13:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

QC Batch: 608197

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353005

METHOD BLANK: 3204047

Matrix: Water

Associated Lab Samples: 92528353005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/22/21 12:38	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/22/21 12:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/22/21 12:38	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/22/21 12:38	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/22/21 12:38	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/22/21 12:38	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/22/21 12:38	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/22/21 12:38	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/22/21 12:38	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/22/21 12:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/22/21 12:38	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/22/21 12:38	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/22/21 12:38	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/22/21 12:38	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/22/21 12:38	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/22/21 12:38	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/22/21 12:38	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 12:38	
2-Hexanone	ug/L	ND	5.0	0.48	03/22/21 12:38	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/22/21 12:38	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/22/21 12:38	
Acetone	ug/L	ND	25.0	5.1	03/22/21 12:38	
Benzene	ug/L	ND	1.0	0.34	03/22/21 12:38	
Bromobenzene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Bromochloromethane	ug/L	ND	1.0	0.47	03/22/21 12:38	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/22/21 12:38	
Bromoform	ug/L	ND	1.0	0.34	03/22/21 12:38	IK
Bromomethane	ug/L	ND	2.0	1.7	03/22/21 12:38	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/22/21 12:38	
Chlorobenzene	ug/L	ND	1.0	0.28	03/22/21 12:38	
Chloroethane	ug/L	ND	1.0	0.65	03/22/21 12:38	
Chloroform	ug/L	ND	5.0	1.6	03/22/21 12:38	
Chloromethane	ug/L	ND	1.0	0.54	03/22/21 12:38	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/22/21 12:38	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 12:38	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/22/21 12:38	
Dibromomethane	ug/L	ND	1.0	0.39	03/22/21 12:38	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/22/21 12:38	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3204047 Matrix: Water
Associated Lab Samples: 92528353005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/22/21 12:38	
Ethylbenzene	ug/L	ND	1.0	0.30	03/22/21 12:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/22/21 12:38	
m&p-Xylene	ug/L	ND	2.0	0.71	03/22/21 12:38	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/22/21 12:38	
Methylene Chloride	ug/L	ND	5.0	2.0	03/22/21 12:38	
Naphthalene	ug/L	ND	1.0	0.64	03/22/21 12:38	
o-Xylene	ug/L	ND	1.0	0.34	03/22/21 12:38	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/22/21 12:38	
Styrene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/22/21 12:38	
Toluene	ug/L	ND	1.0	0.48	03/22/21 12:38	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/22/21 12:38	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/22/21 12:38	
Trichloroethene	ug/L	ND	1.0	0.38	03/22/21 12:38	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/22/21 12:38	
Vinyl acetate	ug/L	ND	2.0	1.3	03/22/21 12:38	
Vinyl chloride	ug/L	ND	1.0	0.39	03/22/21 12:38	
Xylene (Total)	ug/L	ND	1.0	0.34	03/22/21 12:38	
1,2-Dichloroethane-d4 (S)	%	103	70-130		03/22/21 12:38	
4-Bromofluorobenzene (S)	%	103	70-130		03/22/21 12:38	
Toluene-d8 (S)	%	104	70-130		03/22/21 12:38	

LABORATORY CONTROL SAMPLE: 3204048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.3	97	70-130	
1,1,2-Trichloroethane	ug/L	50	49.0	98	70-130	
1,1-Dichloroethane	ug/L	50	44.8	90	70-130	
1,1-Dichloroethene	ug/L	50	46.3	93	70-130	
1,1-Dichloropropene	ug/L	50	46.0	92	70-130	
1,2,3-Trichlorobenzene	ug/L	50	47.9	96	70-130	
1,2,3-Trichloropropane	ug/L	50	48.1	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dichloroethane	ug/L	50	48.6	97	70-130	
1,2-Dichloropropane	ug/L	50	47.5	95	70-130	
1,3-Dichlorobenzene	ug/L	50	45.9	92	70-130	
1,3-Dichloropropane	ug/L	50	47.2	94	70-130	
1,4-Dichlorobenzene	ug/L	50	46.3	93	70-130	
2,2-Dichloropropane	ug/L	50	47.8	96	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3204048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	108	108	70-130	
2-Chlorotoluene	ug/L	50	45.6	91	70-130	
2-Hexanone	ug/L	100	108	108	70-130	
4-Chlorotoluene	ug/L	50	45.3	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-130	
Acetone	ug/L	100	106	106	70-130	
Benzene	ug/L	50	45.6	91	70-130	
Bromobenzene	ug/L	50	45.5	91	70-130	
Bromochloromethane	ug/L	50	46.4	93	70-130	
Bromodichloromethane	ug/L	50	48.9	98	70-130	
Bromoform	ug/L	50	44.7	89	70-130	IK
Bromomethane	ug/L	50	36.3	73	70-130	
Carbon tetrachloride	ug/L	50	49.8	100	70-130	
Chlorobenzene	ug/L	50	47.4	95	70-130	
Chloroethane	ug/L	50	37.8	76	70-130	
Chloroform	ug/L	50	45.1	90	70-130	
Chloromethane	ug/L	50	36.6	73	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.6	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.4	103	70-130	
Dibromochloromethane	ug/L	50	52.2	104	70-130	
Dibromomethane	ug/L	50	49.9	100	70-130	
Dichlorodifluoromethane	ug/L	50	39.2	78	70-130	
Diisopropyl ether	ug/L	50	46.5	93	70-130	
Ethylbenzene	ug/L	50	46.3	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	45.6	91	70-130	
m&p-Xylene	ug/L	100	92.8	93	70-130	
Methyl-tert-butyl ether	ug/L	50	45.7	91	70-130	
Methylene Chloride	ug/L	50	44.5	89	70-130	
Naphthalene	ug/L	50	47.6	95	70-130	
o-Xylene	ug/L	50	47.7	95	70-130	
p-Isopropyltoluene	ug/L	50	47.5	95	70-130	
Styrene	ug/L	50	47.7	95	70-130	
Tetrachloroethene	ug/L	50	45.6	91	70-130	
Toluene	ug/L	50	47.4	95	70-130	
trans-1,2-Dichloroethene	ug/L	50	45.4	91	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.3	101	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	39.7	79	70-130	
Vinyl acetate	ug/L	100	117	117	70-130	
Vinyl chloride	ug/L	50	37.3	75	70-130	
Xylene (Total)	ug/L	150	140	94	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Parameter	Units	3204049		3204050		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.8	20.8	104	104	73-134	0	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	24.6	23.2	123	116	82-143	6	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.8	21.2	104	106	70-136	2	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	22.2	22.1	111	110	70-135	1	30		
1,1-Dichloroethane	ug/L	ND	20	20	23.0	21.6	115	108	70-139	6	30		
1,1-Dichloroethene	ug/L	ND	20	20	25.3	23.1	127	115	70-154	9	30		
1,1-Dichloropropene	ug/L	ND	20	20	23.1	23.6	116	118	70-149	2	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.4	20.7	102	104	70-135	1	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	22.1	21.7	110	109	71-137	2	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.4	22.1	102	110	73-140	8	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.4	19.0	97	95	65-134	2	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	20.4	20.0	102	100	70-133	2	30		
1,2-Dichloroethane	ug/L	ND	20	20	23.9	22.9	120	114	70-137	4	30		
1,2-Dichloropropane	ug/L	ND	20	20	22.6	21.2	113	106	70-140	6	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	19.8	20.3	99	102	70-135	3	30		
1,3-Dichloropropane	ug/L	ND	20	20	21.4	20.6	107	103	70-143	4	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	19.7	20.6	99	103	70-133	4	30		
2,2-Dichloropropane	ug/L	ND	20	20	23.8	23.6	119	118	61-148	1	30		
2-Butanone (MEK)	ug/L	ND	40	40	48.0	45.9	120	115	60-139	4	30		
2-Chlorotoluene	ug/L	ND	20	20	20.3	20.1	101	101	70-144	1	30		
2-Hexanone	ug/L	ND	40	40	44.5	43.0	111	108	65-138	3	30		
4-Chlorotoluene	ug/L	ND	20	20	19.6	20.0	98	100	70-137	2	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	45.5	43.6	114	109	65-135	4	30		
Acetone	ug/L	ND	40	40	47.3	45.7	118	114	60-148	3	30		
Benzene	ug/L	ND	20	20	22.0	21.1	110	105	70-151	4	30		
Bromobenzene	ug/L	ND	20	20	19.5	19.3	98	97	70-136	1	30		
Bromochloromethane	ug/L	ND	20	20	23.8	22.4	119	112	70-141	6	30		
Bromodichloromethane	ug/L	ND	20	20	22.0	21.0	110	105	70-138	5	30		
Bromoform	ug/L	ND	20	20	17.3	17.6	87	88	63-130	1	30	IK	
Bromomethane	ug/L	ND	20	20	20.1	19.1	100	96	15-152	5	30		
Carbon tetrachloride	ug/L	ND	20	20	24.7	23.2	124	116	70-143	6	30		
Chlorobenzene	ug/L	ND	20	20	21.4	20.6	107	103	70-138	3	30		
Chloroethane	ug/L	ND	20	20	23.7	22.5	118	112	52-163	5	30		
Chloroform	ug/L	ND	20	20	23.0	22.5	115	113	70-139	2	30		
Chloromethane	ug/L	ND	20	20	19.0	18.4	95	92	41-139	3	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.4	21.4	112	107	70-141	5	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	21.6	112	108	70-137	4	30		
Dibromochloromethane	ug/L	ND	20	20	21.9	21.3	110	107	70-134	3	30		
Dibromomethane	ug/L	ND	20	20	23.2	22.7	116	113	70-138	2	30		
Dichlorodifluoromethane	ug/L	ND	20	20	22.2	20.9	111	104	47-155	6	30		
Diisopropyl ether	ug/L	ND	20	20	21.6	20.5	108	103	63-144	5	30		
Ethylbenzene	ug/L	ND	20	20	21.2	20.8	106	104	66-153	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.5	20.5	103	103	65-149	0	30		
m&p-Xylene	ug/L	ND	40	40	41.8	41.5	105	104	69-152	1	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3204049		3204050		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92527658007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	20	20	21.7	20.5	108	102	54-156	6	30		
Methylene Chloride	ug/L	ND	20	20	22.4	21.6	112	108	42-159	4	30		
Naphthalene	ug/L	ND	20	20	18.5	19.7	93	98	61-148	6	30		
o-Xylene	ug/L	ND	20	20	21.1	20.9	105	105	70-148	1	30		
p-Isopropyltoluene	ug/L	ND	20	20	21.7	21.2	108	106	70-146	2	30		
Styrene	ug/L	ND	20	20	20.5	20.9	102	104	70-135	2	30		
Tetrachloroethene	ug/L	ND	20	20	21.7	21.1	109	105	59-143	3	30		
Toluene	ug/L	ND	20	20	22.2	21.3	111	106	59-148	4	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.7	22.7	118	114	70-146	4	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.5	20.9	108	105	70-135	3	30		
Trichloroethene	ug/L	ND	20	20	23.3	22.1	116	110	70-147	5	30		
Trichlorofluoromethane	ug/L	ND	20	20	23.8	22.3	119	112	70-148	6	30		
Vinyl acetate	ug/L	ND	40	40	52.7	50.2	132	126	49-151	5	30		
Vinyl chloride	ug/L	ND	20	20	20.2	19.6	101	98	70-156	3	30		
Xylene (Total)	ug/L	ND	60	60	62.9	62.4	105	104	63-158	1	30		
1,2-Dichloroethane-d4 (S)	%						104	105	70-130				
4-Bromofluorobenzene (S)	%						100	100	70-130				
Toluene-d8 (S)	%						100	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 607623 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92528353002, 92528353003, 92528353004

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/18/21 17:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/18/21 17:44	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/18/21 17:44	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/18/21 17:44	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/18/21 17:44	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/18/21 17:44	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/18/21 17:44	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/18/21 17:44	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/18/21 17:44	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/18/21 17:44	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
2-Hexanone	ug/kg	ND	50.0	4.8	03/18/21 17:44	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/18/21 17:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/18/21 17:44	
Acetone	ug/kg	ND	100	32.1	03/18/21 17:44	
Benzene	ug/kg	ND	5.0	2.0	03/18/21 17:44	
Bromobenzene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/18/21 17:44	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Bromoform	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Bromomethane	ug/kg	ND	10.0	7.9	03/18/21 17:44	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/18/21 17:44	
Chloroethane	ug/kg	ND	10.0	3.9	03/18/21 17:44	
Chloroform	ug/kg	ND	5.0	3.0	03/18/21 17:44	
Chloromethane	ug/kg	ND	10.0	4.2	03/18/21 17:44	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/18/21 17:44	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

METHOD BLANK: 3200879 Matrix: Solid
Associated Lab Samples: 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Dibromomethane	ug/kg	ND	5.0	1.1	03/18/21 17:44	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/18/21 17:44	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/18/21 17:44	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/18/21 17:44	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/18/21 17:44	IK
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/18/21 17:44	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/18/21 17:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/18/21 17:44	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/18/21 17:44	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/18/21 17:44	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
Naphthalene	ug/kg	ND	5.0	2.6	03/18/21 17:44	
o-Xylene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/18/21 17:44	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/18/21 17:44	
Styrene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/18/21 17:44	v2
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/18/21 17:44	
Toluene	ug/kg	ND	5.0	1.4	03/18/21 17:44	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/18/21 17:44	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/18/21 17:44	
Trichloroethene	ug/kg	ND	5.0	1.3	03/18/21 17:44	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/18/21 17:44	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/18/21 17:44	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/18/21 17:44	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/18/21 17:44	
1,2-Dichloroethane-d4 (S)	%	112	70-130		03/18/21 17:44	
4-Bromofluorobenzene (S)	%	92	69-134		03/18/21 17:44	
Toluene-d8 (S)	%	101	70-130		03/18/21 17:44	

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1280	102	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1310	105	70-130	
1,1-Dichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1200	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1280	102	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1290	103	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1290	103	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1320	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1330	106	70-130	
1,2-Dichloroethane	ug/kg	1250	1150	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1290	103	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1280	103	70-130	
2,2-Dichloropropane	ug/kg	1250	1270	101	66-130	
2-Butanone (MEK)	ug/kg	2500	2270	91	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2490	99	70-130	
4-Chlorotoluene	ug/kg	1250	1340	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2420	97	70-130	
Acetone	ug/kg	2500	2310	93	69-130	
Benzene	ug/kg	1250	1260	101	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1320	106	70-130	
Bromodichloromethane	ug/kg	1250	1160	93	69-130	
Bromoform	ug/kg	1250	1360	109	70-130	
Bromomethane	ug/kg	1250	1820	146	52-130	IH,IK,L1,v1
Carbon tetrachloride	ug/kg	1250	1220	98	70-130	
Chlorobenzene	ug/kg	1250	1290	103	70-130	
Chloroethane	ug/kg	1250	1270	102	65-130	
Chloroform	ug/kg	1250	1190	95	70-130	
Chloromethane	ug/kg	1250	1330	107	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1190	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1260	101	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1270	102	70-130	
Dichlorodifluoromethane	ug/kg	1250	1340	108	45-156	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1340	107	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1370	109	66-130	IK
Isopropylbenzene (Cumene)	ug/kg	1250	1310	105	70-130	
m&p-Xylene	ug/kg	2500	2600	104	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1180	95	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1330	107	67-130	
n-Propylbenzene	ug/kg	1250	1330	107	70-130	
Naphthalene	ug/kg	1250	1200	96	70-130	
o-Xylene	ug/kg	1250	1330	107	70-130	
p-Isopropyltoluene	ug/kg	1250	1300	104	67-130	
sec-Butylbenzene	ug/kg	1250	1280	102	69-130	
Styrene	ug/kg	1250	1350	108	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	923	74	67-130	v2
Tetrachloroethene	ug/kg	1250	1290	103	70-130	
Toluene	ug/kg	1250	1190	95	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1260	101	68-130	
Trichloroethene	ug/kg	1250	1280	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	98	70-130	
Vinyl acetate	ug/kg	2500	2920	117	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3940	105	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 3200882

Parameter	Units	92528353002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	1690	1890	112	70-131	
1,1,1-Trichloroethane	ug/kg	ND	1690	1860	110	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1690	1820	108	66-130	
1,1,2-Trichloroethane	ug/kg	ND	1690	1970	117	66-133	
1,1-Dichloroethane	ug/kg	ND	1690	1910	113	65-130	
1,1-Dichloroethene	ug/kg	ND	1690	1950	115	10-158	
1,1-Dichloropropene	ug/kg	ND	1690	1860	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	1690	1610	95	27-138	
1,2,3-Trichloropropane	ug/kg	ND	1690	1770	105	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	1690	1710	101	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	1690	1890	112	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	1690	1430	85	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	1690	1890	112	70-130	
1,2-Dichlorobenzene	ug/kg	ND	1690	2020	120	69-130	
1,2-Dichloroethane	ug/kg	ND	1690	1820	108	59-130	
1,2-Dichloropropane	ug/kg	ND	1690	1990	118	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	1690	1880	111	65-137	
1,3-Dichlorobenzene	ug/kg	ND	1690	1890	112	70-130	
1,3-Dichloropropane	ug/kg	ND	1690	1980	118	70-130	
1,4-Dichlorobenzene	ug/kg	ND	1690	1880	111	68-130	
2,2-Dichloropropane	ug/kg	ND	1690	1810	107	32-130	
2-Butanone (MEK)	ug/kg	ND	3370	2940	87	10-136	
2-Chlorotoluene	ug/kg	ND	1690	1930	115	69-141	
2-Hexanone	ug/kg	ND	3370	3140	93	10-144	
4-Chlorotoluene	ug/kg	ND	1690	1970	117	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	3370	3340	99	25-143	
Acetone	ug/kg	ND	3370	2430	72	10-130	
Benzene	ug/kg	ND	1690	1960	116	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3200882		92528353002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	1690	1900	112	70-130	
Bromochloromethane	ug/kg	ND	1690	2100	125	69-134	
Bromodichloromethane	ug/kg	ND	1690	1710	101	64-130	
Bromoform	ug/kg	ND	1690	1780	106	62-130	
Bromomethane	ug/kg	ND	1690	1990	118	20-176	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	1690	1790	106	65-140	
Chlorobenzene	ug/kg	ND	1690	1950	116	70-130	
Chloroethane	ug/kg	ND	1690	713	42	10-130	
Chloroform	ug/kg	ND	1690	1940	115	63-130	
Chloromethane	ug/kg	ND	1690	2290	136	58-130	M1
cis-1,2-Dichloroethene	ug/kg	ND	1690	1880	112	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	1690	1860	110	67-130	
Dibromochloromethane	ug/kg	ND	1690	1860	110	67-130	
Dibromomethane	ug/kg	ND	1690	1890	112	63-131	
Dichlorodifluoromethane	ug/kg	ND	1690	2000	118	44-180	
Diisopropyl ether	ug/kg	ND	1690	1850	110	63-130	
Ethylbenzene	ug/kg	9.2J	1690	2030	120	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	1690	1920	114	64-150	IK
Isopropylbenzene (Cumene)	ug/kg	ND	1690	1920	114	69-135	
m&p-Xylene	ug/kg	65.9	3370	3890	113	60-133	
Methyl-tert-butyl ether	ug/kg	ND	1690	1800	106	65-130	
Methylene Chloride	ug/kg	ND	1690	1990	118	61-130	
n-Butylbenzene	ug/kg	ND	1690	1880	111	65-140	
n-Propylbenzene	ug/kg	ND	1690	1960	116	67-140	
Naphthalene	ug/kg	ND	1690	1460	86	15-145	
o-Xylene	ug/kg	24.0	1690	1950	114	66-133	
p-Isopropyltoluene	ug/kg	ND	1690	1870	111	56-147	
sec-Butylbenzene	ug/kg	ND	1690	1900	113	65-139	
Styrene	ug/kg	ND	1690	1990	118	70-132	
tert-Butylbenzene	ug/kg	ND	1690	1400	83	62-135	v2
Tetrachloroethene	ug/kg	ND	1690	1840	109	70-135	
Toluene	ug/kg	ND	1690	1810	107	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	1690	2000	119	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	1690	1750	104	62-130	
Trichloroethene	ug/kg	ND	1690	1990	118	70-135	
Trichlorofluoromethane	ug/kg	ND	1690	800	47	10-130	
Vinyl acetate	ug/kg	ND	3370	4030	120	53-130	
Vinyl chloride	ug/kg	ND	1690	1930	115	61-148	
Xylene (Total)	ug/kg	89.9	5060	5840	114	63-132	
1,2-Dichloroethane-d4 (S)	%				126	70-130	
4-Bromofluorobenzene (S)	%				97	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	3.4J	2.5J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	IH,IK,v1
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	IK
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200881

Parameter	Units	92528011007 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	10.5J	8.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	7.8	7.7	1	30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30 v2	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	9.7	8.8	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	10.5J	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	108			
4-Bromofluorobenzene (S)	%	91	93			
Toluene-d8 (S)	%	102	102			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

QC Batch: 608035 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353001

METHOD BLANK: 3203111 Matrix: Solid

Associated Lab Samples: 92528353001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	03/19/21 15:50	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	03/19/21 15:50	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	03/19/21 15:50	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	03/19/21 15:50	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	03/19/21 15:50	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	03/19/21 15:50	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	03/19/21 15:50	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	03/19/21 15:50	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	03/19/21 15:50	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	03/19/21 15:50	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	03/19/21 15:50	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	03/19/21 15:50	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	03/19/21 15:50	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	03/19/21 15:50	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	03/19/21 15:50	
2-Butanone (MEK)	ug/kg	ND	100	24.0	03/19/21 15:50	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
2-Hexanone	ug/kg	ND	50.0	4.8	03/19/21 15:50	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	03/19/21 15:50	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	03/19/21 15:50	
Acetone	ug/kg	ND	100	32.1	03/19/21 15:50	
Benzene	ug/kg	ND	5.0	2.0	03/19/21 15:50	
Bromobenzene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
Bromochloromethane	ug/kg	ND	5.0	1.5	03/19/21 15:50	
Bromodichloromethane	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Bromoform	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Bromomethane	ug/kg	ND	10.0	7.9	03/19/21 15:50	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Chlorobenzene	ug/kg	ND	5.0	0.96	03/19/21 15:50	
Chloroethane	ug/kg	ND	10.0	3.9	03/19/21 15:50	
Chloroform	ug/kg	ND	5.0	3.0	03/19/21 15:50	
Chloromethane	ug/kg	ND	10.0	4.2	03/19/21 15:50	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	03/19/21 15:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

METHOD BLANK: 3203111

Matrix: Solid

Associated Lab Samples: 92528353001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	03/19/21 15:50	
Dibromomethane	ug/kg	ND	5.0	1.1	03/19/21 15:50	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	03/19/21 15:50	
Diisopropyl ether	ug/kg	ND	5.0	1.4	03/19/21 15:50	
Ethylbenzene	ug/kg	ND	5.0	2.3	03/19/21 15:50	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	03/19/21 15:50	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	03/19/21 15:50	
m&p-Xylene	ug/kg	ND	10.0	3.4	03/19/21 15:50	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	03/19/21 15:50	
Methylene Chloride	ug/kg	ND	20.0	13.7	03/19/21 15:50	
n-Butylbenzene	ug/kg	ND	5.0	2.4	03/19/21 15:50	
n-Propylbenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Naphthalene	ug/kg	ND	5.0	2.6	03/19/21 15:50	
o-Xylene	ug/kg	ND	5.0	2.2	03/19/21 15:50	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	03/19/21 15:50	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	03/19/21 15:50	
Styrene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
Tetrachloroethene	ug/kg	ND	5.0	1.6	03/19/21 15:50	
Toluene	ug/kg	ND	5.0	1.4	03/19/21 15:50	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	03/19/21 15:50	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	03/19/21 15:50	
Trichloroethene	ug/kg	ND	5.0	1.3	03/19/21 15:50	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	03/19/21 15:50	
Vinyl acetate	ug/kg	ND	50.0	3.6	03/19/21 15:50	
Vinyl chloride	ug/kg	ND	10.0	2.5	03/19/21 15:50	
Xylene (Total)	ug/kg	ND	10.0	2.8	03/19/21 15:50	
1,2-Dichloroethane-d4 (S)	%	106	70-130		03/19/21 15:50	
4-Bromofluorobenzene (S)	%	96	69-134		03/19/21 15:50	
Toluene-d8 (S)	%	100	70-130		03/19/21 15:50	

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1260	101	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1180	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1-Dichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1250	100	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1250	100	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1160	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1240	99	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1270	101	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1260	101	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	97	70-130	
1,2-Dichloroethane	ug/kg	1250	1210	97	63-130	
1,2-Dichloropropane	ug/kg	1250	1190	95	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1160	92	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichloropropane	ug/kg	1250	1230	98	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2390	95	70-130	
2-Chlorotoluene	ug/kg	1250	1210	97	70-130	
2-Hexanone	ug/kg	2500	2250	90	70-130	
4-Chlorotoluene	ug/kg	1250	1130	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2290	91	70-130	
Acetone	ug/kg	2500	2420	97	69-130	
Benzene	ug/kg	1250	1240	99	70-130	
Bromobenzene	ug/kg	1250	1240	99	70-130	
Bromochloromethane	ug/kg	1250	1330	107	70-130	
Bromodichloromethane	ug/kg	1250	1140	91	69-130	
Bromoform	ug/kg	1250	1320	105	70-130	
Bromomethane	ug/kg	1250	1560	125	52-130 v1	
Carbon tetrachloride	ug/kg	1250	1270	101	70-130	
Chlorobenzene	ug/kg	1250	1210	97	70-130	
Chloroethane	ug/kg	1250	1350	108	65-130	
Chloroform	ug/kg	1250	1160	93	70-130	
Chloromethane	ug/kg	1250	1100	88	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1180	95	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1230	98	70-130	
Dibromochloromethane	ug/kg	1250	1320	106	70-130	
Dibromomethane	ug/kg	1250	1340	107	70-130	
Dichlorodifluoromethane	ug/kg	1250	1360	109	45-156	
Diisopropyl ether	ug/kg	1250	1130	91	70-130	
Ethylbenzene	ug/kg	1250	1140	91	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1260	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1200	96	70-130	
m&p-Xylene	ug/kg	2500	2350	94	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1200	96	70-130	
Methylene Chloride	ug/kg	1250	1190	95	65-130	
n-Butylbenzene	ug/kg	1250	1130	91	67-130	
n-Propylbenzene	ug/kg	1250	1160	93	70-130	
Naphthalene	ug/kg	1250	1220	97	70-130	
o-Xylene	ug/kg	1250	1200	96	70-130	
p-Isopropyltoluene	ug/kg	1250	1180	94	67-130	
sec-Butylbenzene	ug/kg	1250	1140	91	69-130	
Styrene	ug/kg	1250	1270	102	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3203112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1120	90	67-130	
Tetrachloroethene	ug/kg	1250	1240	99	70-130	
Toluene	ug/kg	1250	1230	99	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1210	96	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	97	68-130	
Trichloroethene	ug/kg	1250	1270	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1380	110	70-130	
Vinyl acetate	ug/kg	2500	2600	104	70-130	
Vinyl chloride	ug/kg	1250	1280	102	61-130	
Xylene (Total)	ug/kg	3750	3550	95	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			94	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3203114

Parameter	Units	92528603024 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	516	496	96	70-131	
1,1,1-Trichloroethane	ug/kg	ND	516	457	89	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	516	471	91	66-130	
1,1,2-Trichloroethane	ug/kg	ND	516	511	99	66-133	
1,1-Dichloroethane	ug/kg	ND	516	447	87	65-130	
1,1-Dichloroethene	ug/kg	ND	516	459	89	10-158	
1,1-Dichloropropene	ug/kg	ND	516	455	88	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	516	433	84	27-138	
1,2,3-Trichloropropane	ug/kg	ND	516	460	89	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	516	454	88	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	516	479	93	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	516	393	76	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	516	489	95	70-130	
1,2-Dichlorobenzene	ug/kg	ND	516	505	98	69-130	
1,2-Dichloroethane	ug/kg	ND	516	427	83	59-130	
1,2-Dichloropropane	ug/kg	ND	516	499	97	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	516	487	94	65-137	
1,3-Dichlorobenzene	ug/kg	ND	516	478	93	70-130	
1,3-Dichloropropane	ug/kg	ND	516	498	97	70-130	
1,4-Dichlorobenzene	ug/kg	ND	516	476	92	68-130	
2,2-Dichloropropane	ug/kg	ND	516	450	87	32-130	
2-Butanone (MEK)	ug/kg	ND	1030	691	67	10-136	
2-Chlorotoluene	ug/kg	ND	516	488	94	69-141	
2-Hexanone	ug/kg	ND	1030	788	76	10-144	
4-Chlorotoluene	ug/kg	ND	516	490	95	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1030	811	79	25-143	
Acetone	ug/kg	ND	1030	537	52	10-130	
Benzene	ug/kg	ND	516	498	97	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3203114		92528603024	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	516	552	107	70-130	
Bromochloromethane	ug/kg	ND	516	503	98	69-134	
Bromodichloromethane	ug/kg	ND	516	433	84	64-130	
Bromoform	ug/kg	ND	516	470	91	62-130	
Bromomethane	ug/kg	ND	516	381	74	20-176	v1
Carbon tetrachloride	ug/kg	ND	516	461	89	65-140	
Chlorobenzene	ug/kg	ND	516	492	95	70-130	
Chloroethane	ug/kg	ND	516	141	27	10-130	
Chloroform	ug/kg	ND	516	473	92	63-130	
Chloromethane	ug/kg	ND	516	564	109	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	516	453	88	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	516	460	89	67-130	
Dibromochloromethane	ug/kg	ND	516	487	94	67-130	
Dibromomethane	ug/kg	ND	516	488	95	63-131	
Dichlorodifluoromethane	ug/kg	ND	516	499	97	44-180	
Diisopropyl ether	ug/kg	ND	516	427	83	63-130	
Ethylbenzene	ug/kg	ND	516	510	99	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	516	575	111	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	516	512	99	69-135	
m&p-Xylene	ug/kg	ND	1030	974	94	60-133	
Methyl-tert-butyl ether	ug/kg	ND	516	456	88	65-130	
Methylene Chloride	ug/kg	ND	516	468	91	61-130	
n-Butylbenzene	ug/kg	ND	516	503	97	65-140	
n-Propylbenzene	ug/kg	ND	516	506	98	67-140	
Naphthalene	ug/kg	ND	516	407	79	15-145	
o-Xylene	ug/kg	ND	516	508	98	66-133	
p-Isopropyltoluene	ug/kg	ND	516	501	97	56-147	
sec-Butylbenzene	ug/kg	ND	516	497	96	65-139	
Styrene	ug/kg	ND	516	504	98	70-132	
tert-Butylbenzene	ug/kg	ND	516	373	72	62-135	v3
Tetrachloroethene	ug/kg	ND	516	471	91	70-135	
Toluene	ug/kg	ND	516	467	90	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	516	470	91	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	516	448	87	62-130	
Trichloroethene	ug/kg	ND	516	504	98	70-135	
Trichlorofluoromethane	ug/kg	ND	516	161	31	10-130	
Vinyl acetate	ug/kg	ND	1030	930	90	53-130	
Vinyl chloride	ug/kg	ND	516	474	92	61-148	
Xylene (Total)	ug/kg	ND	1550	1480	96	63-132	
1,2-Dichloroethane-d4 (S)	%				115	70-130	
4-Bromofluorobenzene (S)	%				99	69-134	
Toluene-d8 (S)	%				99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3203113

Parameter	Units	92528603005 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	5.3	4.0J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	3.6J	3.2J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30 v1	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	12.5	12.0	4	30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3203113

Parameter	Units	92528603005 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	21.5	20.6	4	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	3.5J	3.3J		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	9.6	9.5	2	30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	31.1	30.1	3	30	
1,2-Dichloroethane-d4 (S)	%	104	107			
4-Bromofluorobenzene (S)	%	96	97			
Toluene-d8 (S)	%	102	101			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

QC Batch:	607492	Analysis Method:	EPA 8270E
QC Batch Method:	EPA 3546	Analysis Description:	8270E Solid MSSV Microwave
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

METHOD BLANK: 3200335 Matrix: Solid

Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	336	118	03/18/21 15:41	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	336	160	03/18/21 15:41	
2,4,5-Trichlorophenol	ug/kg	ND	336	154	03/18/21 15:41	
2,4,6-Trichlorophenol	ug/kg	ND	336	138	03/18/21 15:41	
2,4-Dichlorophenol	ug/kg	ND	336	131	03/18/21 15:41	
2,4-Dimethylphenol	ug/kg	ND	336	139	03/18/21 15:41	
2,4-Dinitrophenol	ug/kg	ND	1680	1040	03/18/21 15:41	
2,4-Dinitrotoluene	ug/kg	ND	336	129	03/18/21 15:41	
2,6-Dinitrotoluene	ug/kg	ND	336	123	03/18/21 15:41	
2-Chloronaphthalene	ug/kg	ND	336	133	03/18/21 15:41	
2-Chlorophenol	ug/kg	ND	336	126	03/18/21 15:41	
2-Methylnaphthalene	ug/kg	ND	336	134	03/18/21 15:41	
2-Methylphenol(o-Cresol)	ug/kg	ND	336	137	03/18/21 15:41	
2-Nitroaniline	ug/kg	ND	1680	275	03/18/21 15:41	
2-Nitrophenol	ug/kg	ND	336	145	03/18/21 15:41	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	336	135	03/18/21 15:41	
3,3'-Dichlorobenzidine	ug/kg	ND	671	227	03/18/21 15:41	IL
3-Nitroaniline	ug/kg	ND	1680	263	03/18/21 15:41	
4,6-Dinitro-2-methylphenol	ug/kg	ND	671	313	03/18/21 15:41	
4-Bromophenylphenyl ether	ug/kg	ND	336	129	03/18/21 15:41	
4-Chloro-3-methylphenol	ug/kg	ND	671	236	03/18/21 15:41	
4-Chloroaniline	ug/kg	ND	671	263	03/18/21 15:41	
4-Chlorophenylphenyl ether	ug/kg	ND	336	125	03/18/21 15:41	
4-Nitroaniline	ug/kg	ND	671	255	03/18/21 15:41	
4-Nitrophenol	ug/kg	ND	1680	649	03/18/21 15:41	
Acenaphthene	ug/kg	ND	336	118	03/18/21 15:41	
Acenaphthylene	ug/kg	ND	336	118	03/18/21 15:41	
Aniline	ug/kg	ND	336	131	03/18/21 15:41	
Anthracene	ug/kg	ND	336	110	03/18/21 15:41	
Benzo(a)anthracene	ug/kg	ND	336	112	03/18/21 15:41	
Benzo(a)pyrene	ug/kg	ND	336	116	03/18/21 15:41	
Benzo(b)fluoranthene	ug/kg	ND	336	112	03/18/21 15:41	
Benzo(g,h,i)perylene	ug/kg	ND	336	130	03/18/21 15:41	
Benzo(k)fluoranthene	ug/kg	ND	336	118	03/18/21 15:41	
Benzoic Acid	ug/kg	ND	1680	721	03/18/21 15:41	
Benzyl alcohol	ug/kg	ND	671	254	03/18/21 15:41	
bis(2-Chloroethoxy)methane	ug/kg	ND	336	139	03/18/21 15:41	
bis(2-Chloroethyl) ether	ug/kg	ND	336	126	03/18/21 15:41	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	336	130	03/18/21 15:41	v1
Butylbenzylphthalate	ug/kg	ND	336	141	03/18/21 15:41	v1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

METHOD BLANK: 3200335

Matrix: Solid

Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chrysene	ug/kg	ND	336	122	03/18/21 15:41	
Di-n-butylphthalate	ug/kg	ND	336	113	03/18/21 15:41	
Di-n-octylphthalate	ug/kg	ND	336	132	03/18/21 15:41	v1
Dibenz(a,h)anthracene	ug/kg	ND	336	129	03/18/21 15:41	
Dibenzofuran	ug/kg	ND	336	121	03/18/21 15:41	
Diethylphthalate	ug/kg	ND	336	123	03/18/21 15:41	
Dimethylphthalate	ug/kg	ND	336	122	03/18/21 15:41	
Fluoranthene	ug/kg	ND	336	115	03/18/21 15:41	
Fluorene	ug/kg	ND	336	118	03/18/21 15:41	
Hexachlorobenzene	ug/kg	ND	336	131	03/18/21 15:41	
Hexachlorocyclopentadiene	ug/kg	ND	336	192	03/18/21 15:41	
Hexachloroethane	ug/kg	ND	336	128	03/18/21 15:41	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	336	132	03/18/21 15:41	
Isophorone	ug/kg	ND	336	149	03/18/21 15:41	
N-Nitroso-di-n-propylamine	ug/kg	ND	336	126	03/18/21 15:41	
N-Nitrosodimethylamine	ug/kg	ND	336	113	03/18/21 15:41	
N-Nitrosodiphenylamine	ug/kg	ND	336	119	03/18/21 15:41	
Nitrobenzene	ug/kg	ND	336	156	03/18/21 15:41	
Pentachlorophenol	ug/kg	ND	671	328	03/18/21 15:41	
Phenanthrene	ug/kg	ND	336	110	03/18/21 15:41	
Phenol	ug/kg	ND	336	149	03/18/21 15:41	
Pyrene	ug/kg	ND	336	136	03/18/21 15:41	
Pyridine	ug/kg	ND	336	106	03/18/21 15:41	
2,4,6-Tribromophenol (S)	%	71	18-130		03/18/21 15:41	
2-Fluorobiphenyl (S)	%	75	19-130		03/18/21 15:41	
2-Fluorophenol (S)	%	77	18-130		03/18/21 15:41	
Nitrobenzene-d5 (S)	%	75	21-130		03/18/21 15:41	
Phenol-d6 (S)	%	70	18-130		03/18/21 15:41	
Terphenyl-d14 (S)	%	102	15-130		03/18/21 15:41	

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1680	1170	70	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1680	1080	65	38-130	
2,4,5-Trichlorophenol	ug/kg	1680	1280	76	49-130	
2,4,6-Trichlorophenol	ug/kg	1680	1230	73	50-130	
2,4-Dichlorophenol	ug/kg	1680	1190	71	51-130	
2,4-Dimethylphenol	ug/kg	1680	1230	73	53-130	
2,4-Dinitrophenol	ug/kg	8390	5420	65	39-130	
2,4-Dinitrotoluene	ug/kg	1680	1250	74	53-130	
2,6-Dinitrotoluene	ug/kg	1680	1280	77	55-130	
2-Chloronaphthalene	ug/kg	1680	1270	76	48-130	
2-Chlorophenol	ug/kg	1680	1180	70	54-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylnaphthalene	ug/kg	1680	1180	71	57-130	
2-Methylphenol(o-Cresol)	ug/kg	1680	1190	71	50-130	
2-Nitroaniline	ug/kg	3360	2530	75	49-130	
2-Nitrophenol	ug/kg	1680	1240	74	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1680	1140	68	50-130	
3,3'-Dichlorobenzidine	ug/kg	3360	2290	68	47-130	IL
3-Nitroaniline	ug/kg	3360	2610	78	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3360	2430	72	50-142	
4-Bromophenylphenyl ether	ug/kg	1680	1270	75	55-130	
4-Chloro-3-methylphenol	ug/kg	3360	2390	71	52-130	
4-Chloroaniline	ug/kg	3360	2190	65	49-130	
4-Chlorophenylphenyl ether	ug/kg	1680	1170	70	53-130	
4-Nitroaniline	ug/kg	3360	2330	70	51-130	
4-Nitrophenol	ug/kg	8390	5640	67	40-130	
Acenaphthene	ug/kg	1680	1270	76	56-130	
Acenaphthylene	ug/kg	1680	1320	78	58-130	
Aniline	ug/kg	1680	1030	61	44-130	
Anthracene	ug/kg	1680	1290	77	60-130	
Benzo(a)anthracene	ug/kg	1680	1430	85	59-130	
Benzo(a)pyrene	ug/kg	1680	1350	80	57-130	
Benzo(b)fluoranthene	ug/kg	1680	1290	77	54-130	
Benzo(g,h,i)perylene	ug/kg	1680	1420	85	59-130	
Benzo(k)fluoranthene	ug/kg	1680	1310	78	54-130	
Benzoic Acid	ug/kg	8390	4200	50	19-130	
Benzyl alcohol	ug/kg	3360	2210	66	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1680	1190	71	55-130	
bis(2-Chloroethyl) ether	ug/kg	1680	1210	72	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1680	1430	85	58-130	v1
Butylbenzylphthalate	ug/kg	1680	1490	89	46-138	v1
Chrysene	ug/kg	1680	1440	86	57-130	
Di-n-butylphthalate	ug/kg	1680	1270	76	57-130	
Di-n-octylphthalate	ug/kg	1680	1520	91	57-130	v1
Dibenz(a,h)anthracene	ug/kg	1680	1400	84	60-130	
Dibenzofuran	ug/kg	1680	1250	75	54-130	
Diethylphthalate	ug/kg	1680	1260	75	55-130	
Dimethylphthalate	ug/kg	1680	1240	74	57-130	
Fluoranthene	ug/kg	1680	1240	74	57-130	
Fluorene	ug/kg	1680	1240	74	56-130	
Hexachlorobenzene	ug/kg	1680	1280	76	53-130	
Hexachlorocyclopentadiene	ug/kg	1680	843	50	23-130	
Hexachloroethane	ug/kg	1680	1190	71	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1680	1440	86	61-130	
Isophorone	ug/kg	1680	1180	70	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1680	1100	65	52-130	
N-Nitrosodimethylamine	ug/kg	1680	1270	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1680	1290	77	56-130	
Nitrobenzene	ug/kg	1680	1320	79	50-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

LABORATORY CONTROL SAMPLE: 3200336

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pentachlorophenol	ug/kg	3360	2180	65	33-130	
Phenanthrene	ug/kg	1680	1300	78	60-130	
Phenol	ug/kg	1680	1250	74	54-130	
Pyrene	ug/kg	1680	1480	88	61-130	
Pyridine	ug/kg	1680	1030	62	35-130	
2,4,6-Tribromophenol (S)	%			72	18-130	
2-Fluorobiphenyl (S)	%			71	19-130	
2-Fluorophenol (S)	%			72	18-130	
Nitrobenzene-d5 (S)	%			70	21-130	
Phenol-d6 (S)	%			67	18-130	
Terphenyl-d14 (S)	%			95	15-130	

MATRIX SPIKE SAMPLE: 3200337

Parameter	Units	92527967001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	1950	1230	63	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	1950	1230	63	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	1950	1380	71	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	1950	1220	63	23-130	
2,4-Dichlorophenol	ug/kg	ND	1950	1320	68	29-130	
2,4-Dimethylphenol	ug/kg	ND	1950	1380	71	13-130	
2,4-Dinitrophenol	ug/kg	ND	9710	ND	10	10-131	
2,4-Dinitrotoluene	ug/kg	ND	1950	1420	73	28-130	
2,6-Dinitrotoluene	ug/kg	ND	1950	1470	75	36-130	
2-Chloronaphthalene	ug/kg	ND	1950	1290	66	27-130	
2-Chlorophenol	ug/kg	ND	1950	1340	69	29-130	
2-Methylnaphthalene	ug/kg	ND	1950	1220	63	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	1950	1320	68	20-130	
2-Nitroaniline	ug/kg	ND	3880	2930	75	29-130	
2-Nitrophenol	ug/kg	ND	1950	1380	71	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1950	1250	64	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	3880	2900	75	15-130 IL	
3-Nitroaniline	ug/kg	ND	3880	2940	76	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	3880	1700	44	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	1950	1290	67	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	3880	2700	69	30-130	
4-Chloroaniline	ug/kg	ND	3880	2510	65	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	1950	1200	62	32-130	
4-Nitroaniline	ug/kg	ND	3880	2750	71	30-130	
4-Nitrophenol	ug/kg	ND	9710	4760	49	17-130	
Acenaphthene	ug/kg	ND	1950	1310	67	29-130	
Acenaphthylene	ug/kg	ND	1950	1350	69	31-130	
Aniline	ug/kg	ND	1950	1160	60	10-130	
Anthracene	ug/kg	ND	1950	1330	69	33-130	
Benzo(a)anthracene	ug/kg	ND	1950	1460	75	32-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

MATRIX SPIKE SAMPLE: 3200337		92527967001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(a)pyrene	ug/kg	ND	1950	1380	71	32-130	
Benzo(b)fluoranthene	ug/kg	ND	1950	1320	68	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	1950	1490	77	28-130	
Benzo(k)fluoranthene	ug/kg	ND	1950	1370	71	31-130	
Benzoic Acid	ug/kg	ND	9710	ND	1	10-130	M1
Benzyl alcohol	ug/kg	ND	3880	2440	63	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	1950	1310	68	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	1950	1360	70	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	1950	1470	76	40-130	v1
Butylbenzylphthalate	ug/kg	ND	1950	1520	78	40-130	v1
Chrysene	ug/kg	ND	1950	1470	76	30-130	
Di-n-butylphthalate	ug/kg	ND	1950	1270	65	41-130	
Di-n-octylphthalate	ug/kg	ND	1950	1540	79	42-130	v1
Dibenz(a,h)anthracene	ug/kg	ND	1950	1530	79	27-130	
Dibenzofuran	ug/kg	ND	1950	1290	67	32-130	
Diethylphthalate	ug/kg	ND	1950	1410	72	40-130	
Dimethylphthalate	ug/kg	ND	1950	1450	75	37-130	
Fluoranthene	ug/kg	ND	1950	1280	66	26-130	
Fluorene	ug/kg	ND	1950	1270	66	31-130	
Hexachlorobenzene	ug/kg	ND	1950	1320	68	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	1950	814	42	10-130	
Hexachloroethane	ug/kg	ND	1950	1280	66	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1950	1510	78	28-130	
Isophorone	ug/kg	ND	1950	1300	67	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	1950	1230	63	31-130	
N-Nitrosodimethylamine	ug/kg	ND	1950	1350	69	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	1950	1410	72	32-130	
Nitrobenzene	ug/kg	ND	1950	1450	75	25-130	
Pentachlorophenol	ug/kg	ND	3880	1950	50	10-130	
Phenanthrene	ug/kg	ND	1950	1350	70	34-130	
Phenol	ug/kg	ND	1950	1380	71	14-130	
Pyrene	ug/kg	ND	1950	1500	77	31-130	
Pyridine	ug/kg	ND	1950	1180	61	10-130	
2,4,6-Tribromophenol (S)	%				68	18-130	
2-Fluorobiphenyl (S)	%				61	19-130	
2-Fluorophenol (S)	%				65	18-130	
Nitrobenzene-d5 (S)	%				68	21-130	
Phenol-d6 (S)	%				63	18-130	
Terphenyl-d14 (S)	%				82	15-130	

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(a)pyrene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	v1
Butylbenzylphthalate	ug/kg	ND	ND		30	v1
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	v1
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

SAMPLE DUPLICATE: 3200338

Parameter	Units	92527967002 Result	Dup Result	RPD	Max RPD	Qualifiers
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	67	68			
2-Fluorobiphenyl (S)	%	62	65			
2-Fluorophenol (S)	%	64	71			
Nitrobenzene-d5 (S)	%	67	73			
Phenol-d6 (S)	%	61	67			
Terphenyl-d14 (S)	%	94	92			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21030498

Pace Project No.: 92528353

QC Batch: 607682

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92528353001, 92528353002, 92528353003, 92528353004

SAMPLE DUPLICATE: 3201328

Parameter	Units	92528230001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	26.7	27.0	1	25	N2

SAMPLE DUPLICATE: 3201329

Parameter	Units	92528389002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.9	16.9	6	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- IK The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
- IL This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
- L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
- v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
- v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21030498
Pace Project No.: 92528353

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92528353001	RI-SB-19_SO_0.5-1.0_20210315	EPA 3546	607492	EPA 8270E	607663
92528353002	RI-SB-19_SO_5.5-6.0_20210315	EPA 3546	607492	EPA 8270E	607663
92528353003	RI-SB-20_SO_0.5-1.0_20210315	EPA 3546	607492	EPA 8270E	607663
92528353004	RI-SB-20_SO_5.5-6.0_20210315	EPA 3546	607492	EPA 8270E	607663
92528353005	TRIP BLANK	EPA 8260D	608197		
92528353001	RI-SB-19_SO_0.5-1.0_20210315	EPA 5035A/5030B	608035	EPA 8260D	608070
92528353002	RI-SB-19_SO_5.5-6.0_20210315	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353003	RI-SB-20_SO_0.5-1.0_20210315	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353004	RI-SB-20_SO_5.5-6.0_20210315	EPA 5035A/5030B	607623	EPA 8260D	607658
92528353001	RI-SB-19_SO_0.5-1.0_20210315	SW-846	607682		
92528353002	RI-SB-19_SO_5.5-6.0_20210315	SW-846	607682		
92528353003	RI-SB-20_SO_0.5-1.0_20210315	SW-846	607682		
92528353004	RI-SB-20_SO_5.5-6.0_20210315	SW-846	607682		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: Synterra Project #:

WO# : 92528353

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-18-21
AMK

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?
 Yes No N/A

Thermometer: IR Gun ID: 92T064 Type of Ice: Wet Blue None

Cooler Temp: 1.8 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.8
 USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. <i>AMK 3-18</i>
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92528353

PM: KLH1

Due Date: 03/22/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGJU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VDOK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A -- lab)	SP2T-250 mL Sterile Plastic (N/A -- lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/
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8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company: **Synterra**
 Address: **148 River Street**
 Suite **220**, **Greenville, SC 29601**
 Email To: **king@synterracorp.com**
 Phone: _____ Fax: _____
 Requested Due Date: **3-day TAT**

Section B
Reported Project Information:

Report To: **Tom King**
 Copy To: **Heather Smith**
 Purchase Order #: _____
 Project Name: **Former Bramlette MGP**
 Project Number: **00.2731.00.08**

Section C
Invoice Information:

Attention: _____
 Company Name: _____
 Address: _____
 Pace Quote: _____
 Pace Project Manager: **Kevin Herring**
 Pace Profile #: **7754**

Regulatory Agency: _____

State / Location: **SC**

ITEM #	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives						Analyses Test	Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	
			START	END			H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					Other
			DATE	TIME			DATE	TIME	Unpreserved								
1	RI-SB-19_SO_0.5-1.0_20210315	SL G	3/15/2021	1415	--	4								X			
2	RI-SB-19_SO_5.5-6.0_20210315	SL G	3/15/2021	1420	--	4								X			
3	RI-SB-20_SO_0.5-1.0_20210315	SL G	3/15/2021	1430	--	4								X			
4	RI-SB-20_SO_5.5-6.0_20210315	SL G	3/15/2021	1435	--	4								X			
5	Trip Blank	WT G	3/17/2021	--	--	2								X			
6																	
7																	
8																	
9																	
10																	
11																	
12																	

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Tom King / Synterra Corp	3/15/21	1700	Tom King / Synterra Corp	3/15/21	1700	
Tom King / Synterra Corp	3/17/21	0900	Tom King / Synterra Corp	3/17/21	0900	
Tom King / Pace	3/17/21	1045	Tom King / Pace	3/17/21	1045	
Tom King / Pace	3/17/21	1205	Tom King / Pace	3/17/21	1205	

Ca, Mg, Fe, Mn + Hardness

TEMP in C: _____

Received on Ice (Y/N): _____

Custody Sealed Cooler (Y/N): _____

Samples Intact (Y/N): _____

DATE Signed: **3/17/21**

PRINT Name of SAMPLER: **Tom King**

SIGNATURE of SAMPLER: *[Signature]*

DATE Signed: **3/17/21**

PRINT Name of ANALYST: **PAUCE HWL**

SIGNATURE of ANALYST: *[Signature]*

April 28, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531096001	RI-SB-31_SO_0.5-1.0_20210317	Solid	03/17/21 10:25	04/02/21 09:40
92531096002	RI-SB-31_SO_5.5-6.0_20210317	Solid	03/17/21 10:30	04/02/21 09:40
92531096003	RI-SB-32_SO_0.5-1.0_20210317	Solid	03/17/21 10:50	04/02/21 09:40
92531096004	RI-SB-32_SO_5.5-6.0_20210317	Solid	03/17/21 10:55	04/02/21 09:40
92531096005	TRIP BLANK	Water	04/02/21 00:00	04/02/21 09:40

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531096001	RI-SB-31_SO_0.5-1.0_20210317	EPA 8270E	PKS	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531096002	RI-SB-31_SO_5.5-6.0_20210317	EPA 8270E	PKS	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531096003	RI-SB-32_SO_0.5-1.0_20210317	EPA 8270E	PKS	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531096004	RI-SB-32_SO_5.5-6.0_20210317	EPA 8270E	PKS	4	PASI-C
		EPA 8270E	SEM	68	PASI-C
		EPA 8260D	CL	70	PASI-C
		SW-846	KDF	1	PASI-C
92531096005	TRIP BLANK	EPA 8260D	BSH	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Lab Sample ID	Client Sample ID	Result	Units	Report Limit	Analyzed	Qualifiers
Method	Parameters					
92531096001	RI-SB-31_SO_0.5-1.0_20210317					
EPA 8270E	Benzo(a)pyrene	10.4J	ug/kg	11.5	04/25/21 12:20	H3
EPA 8270E	Phenanthrene	177J	ug/kg	382	04/26/21 11:27	H3
EPA 8260D	Acetone	61.2J	ug/kg	114	04/22/21 20:53	H3
EPA 8260D	p-Isopropyltoluene	7.1	ug/kg	5.7	04/22/21 20:53	H3
EPA 8260D	Naphthalene	14.9	ug/kg	5.7	04/22/21 20:53	H3
EPA 8260D	Styrene	192	ug/kg	5.7	04/22/21 20:53	H3
EPA 8260D	Toluene	8.6	ug/kg	5.7	04/22/21 20:53	H3
SW-846	Percent Moisture	14.5	%	0.10	04/22/21 15:03	N2
92531096002	RI-SB-31_SO_5.5-6.0_20210317					
EPA 8270E	Benzo(a)pyrene	132	ug/kg	13.7	04/26/21 17:37	H3
EPA 8260D	Acetone	185J	ug/kg	188	04/27/21 06:59	H3
EPA 8260D	Benzene	31.1	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	2-Butanone (MEK)	64.0J	ug/kg	188	04/27/21 06:59	H3
EPA 8260D	Chlorobenzene	30.0	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	1,4-Dichlorobenzene	6.0J	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	Ethylbenzene	103	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	Isopropylbenzene (Cumene)	193	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	p-Isopropyltoluene	98.1	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	Naphthalene	959	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	n-Propylbenzene	31.5	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	Toluene	214	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	1,2,4-Trimethylbenzene	207	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	1,3,5-Trimethylbenzene	82.7	ug/kg	9.4	04/27/21 06:59	H3
EPA 8260D	Xylene (Total)	632	ug/kg	18.8	04/27/21 06:59	
EPA 8260D	m&p-Xylene	396	ug/kg	18.8	04/27/21 06:59	H3
EPA 8260D	o-Xylene	237	ug/kg	9.4	04/27/21 06:59	H3
SW-846	Percent Moisture	25.8	%	0.10	04/22/21 15:04	N2
92531096003	RI-SB-32_SO_0.5-1.0_20210317					
EPA 8270E	Benzo(a)pyrene	13.9	ug/kg	11.8	04/25/21 13:48	H3
EPA 8260D	p-Isopropyltoluene	25.2	ug/kg	5.8	04/22/21 21:11	H3
EPA 8260D	Naphthalene	8.3	ug/kg	5.8	04/22/21 21:11	H3
EPA 8260D	Toluene	4.6J	ug/kg	5.8	04/22/21 21:11	H3
EPA 8260D	1,2,4-Trimethylbenzene	11.8	ug/kg	5.8	04/22/21 21:11	H3
EPA 8260D	Xylene (Total)	10.1J	ug/kg	11.6	04/22/21 21:11	
EPA 8260D	m&p-Xylene	6.8J	ug/kg	11.6	04/22/21 21:11	H3
EPA 8260D	o-Xylene	3.3J	ug/kg	5.8	04/22/21 21:11	H3
SW-846	Percent Moisture	15.0	%	0.10	04/22/21 15:04	N2
92531096004	RI-SB-32_SO_5.5-6.0_20210317					
EPA 8270E	Benzo(a)pyrene	11.7J	ug/kg	12.1	04/25/21 14:10	H3
EPA 8270E	Acenaphthene	219J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Benzo(a)anthracene	525	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Benzo(b)fluoranthene	999	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Benzo(g,h,i)perylene	782	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Benzo(k)fluoranthene	400J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Chrysene	413	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Fluoranthene	225J	ug/kg	402	04/26/21 12:50	H3

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92531096004	RI-SB-32_SO_5.5-6.0_20210317					
EPA 8270E	Fluorene	169J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Indeno(1,2,3-cd)pyrene	717	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	1-Methylnaphthalene	304J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	2-Methylnaphthalene	319J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Phenanthrene	398J	ug/kg	402	04/26/21 12:50	H3
EPA 8270E	Pyrene	294J	ug/kg	402	04/26/21 12:50	H3
EPA 8260D	Acetone	62.5J	ug/kg	116	04/22/21 21:29	H3
EPA 8260D	Ethylbenzene	5.7J	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	p-Isopropyltoluene	32.1	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	Naphthalene	18.3	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	n-Propylbenzene	178	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	Toluene	5.1J	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	1,2,4-Trimethylbenzene	22.4	ug/kg	5.8	04/22/21 21:29	H3
EPA 8260D	Xylene (Total)	22.4	ug/kg	11.6	04/22/21 21:29	
EPA 8260D	m&p-Xylene	10.9J	ug/kg	11.6	04/22/21 21:29	H3
EPA 8260D	o-Xylene	11.5	ug/kg	5.8	04/22/21 21:29	H3
SW-846	Percent Moisture	18.0	%	0.10	04/22/21 15:04	N2

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Method: EPA 8270E

Description: 8270E MSSV MW PAH by SIM

Client: Duke Energy

Date: April 28, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- RI-SB-31_SO_0.5-1.0_20210317 (Lab ID: 92531096001)
- RI-SB-31_SO_5.5-6.0_20210317 (Lab ID: 92531096002)
- RI-SB-32_SO_0.5-1.0_20210317 (Lab ID: 92531096003)
- RI-SB-32_SO_5.5-6.0_20210317 (Lab ID: 92531096004)

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 28, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- RI-SB-31_SO_0.5-1.0_20210317 (Lab ID: 92531096001)
- RI-SB-31_SO_5.5-6.0_20210317 (Lab ID: 92531096002)
- RI-SB-32_SO_0.5-1.0_20210317 (Lab ID: 92531096003)
- RI-SB-32_SO_5.5-6.0_20210317 (Lab ID: 92531096004)

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 615749

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92534135002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3240201)
 - Benzoic Acid

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Method: EPA 8270E

Description: 8270E MSSV Microwave

Client: Duke Energy

Date: April 28, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 28, 2021

General Information:

1 sample was analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

- H1: Analysis conducted outside the EPA method holding time.
- TRIP BLANK (Lab ID: 92531096005)

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 615558

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- BLANK (Lab ID: 3239276)
 - Chloroethane
- LCS (Lab ID: 3239277)
 - Chloroethane
- TRIP BLANK (Lab ID: 92531096005)
 - Chloroethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3239278)
 - Dichlorodifluoromethane
- MSD (Lab ID: 3239279)
 - Dichlorodifluoromethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 28, 2021

QC Batch: 615558

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3239277)
- Vinyl acetate

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

Method: EPA 8260D
Description: 8260D/5035A/5030B SC Volatiles
Client: Duke Energy
Date: April 28, 2021

General Information:

4 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

H3: Sample was received or analysis requested beyond the recognized method holding time.

- RI-SB-31_SO_0.5-1.0_20210317 (Lab ID: 92531096001)
- RI-SB-31_SO_5.5-6.0_20210317 (Lab ID: 92531096002)
- RI-SB-32_SO_0.5-1.0_20210317 (Lab ID: 92531096003)
- RI-SB-32_SO_5.5-6.0_20210317 (Lab ID: 92531096004)

Sample Preparation:

The samples were prepared in accordance with EPA 5035A/5030B with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 615494

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92534491002

R1: RPD value was outside control limits.

- MSD (Lab ID: 3243822)
 - 2,2-Dichloropropane

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Method: EPA 8260D

Description: 8260D/5035A/5030B SC Volatiles

Client: Duke Energy

Date: April 28, 2021

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_0.5-1.0_20210317 **Lab ID:** 92531096001 **Collected:** 03/17/21 10:25 **Received:** 04/02/21 09:40 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	10.4J	ug/kg	11.5	1.2	1	04/24/21 15:57	04/25/21 12:20	50-32-8	H3
Surrogates									
2-Fluorobiphenyl (S)	52	%	31-130		1	04/24/21 15:57	04/25/21 12:20	321-60-8	
Nitrobenzene-d5 (S)	54	%	32-130		1	04/24/21 15:57	04/25/21 12:20	4165-60-0	
Terphenyl-d14 (S)	47	%	24-130		1	04/24/21 15:57	04/25/21 12:20	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	382	134	1	04/23/21 11:32	04/26/21 11:27	83-32-9	H3
Acenaphthylene	ND	ug/kg	382	134	1	04/23/21 11:32	04/26/21 11:27	208-96-8	H3
Aniline	ND	ug/kg	382	149	1	04/23/21 11:32	04/26/21 11:27	62-53-3	H3
Anthracene	ND	ug/kg	382	125	1	04/23/21 11:32	04/26/21 11:27	120-12-7	H3
Benzo(a)anthracene	ND	ug/kg	382	127	1	04/23/21 11:32	04/26/21 11:27	56-55-3	H3
Benzo(b)fluoranthene	ND	ug/kg	382	127	1	04/23/21 11:32	04/26/21 11:27	205-99-2	H3
Benzo(g,h,i)perylene	ND	ug/kg	382	148	1	04/23/21 11:32	04/26/21 11:27	191-24-2	H3
Benzo(k)fluoranthene	ND	ug/kg	382	134	1	04/23/21 11:32	04/26/21 11:27	207-08-9	H3
Benzoic Acid	ND	ug/kg	1910	821	1	04/23/21 11:32	04/26/21 11:27	65-85-0	H3
Benzyl alcohol	ND	ug/kg	764	290	1	04/23/21 11:32	04/26/21 11:27	100-51-6	H3
4-Bromophenylphenyl ether	ND	ug/kg	382	147	1	04/23/21 11:32	04/26/21 11:27	101-55-3	H3
Butylbenzylphthalate	ND	ug/kg	382	161	1	04/23/21 11:32	04/26/21 11:27	85-68-7	H3
4-Chloro-3-methylphenol	ND	ug/kg	764	269	1	04/23/21 11:32	04/26/21 11:27	59-50-7	H3
4-Chloroaniline	ND	ug/kg	764	300	1	04/23/21 11:32	04/26/21 11:27	106-47-8	H3
bis(2-Chloroethoxy)methane	ND	ug/kg	382	159	1	04/23/21 11:32	04/26/21 11:27	111-91-1	H3
bis(2-Chloroethyl) ether	ND	ug/kg	382	144	1	04/23/21 11:32	04/26/21 11:27	111-44-4	H3
2-Chloronaphthalene	ND	ug/kg	382	152	1	04/23/21 11:32	04/26/21 11:27	91-58-7	H3
2-Chlorophenol	ND	ug/kg	382	144	1	04/23/21 11:32	04/26/21 11:27	95-57-8	H3
4-Chlorophenylphenyl ether	ND	ug/kg	382	142	1	04/23/21 11:32	04/26/21 11:27	7005-72-3	H3
Chrysene	ND	ug/kg	382	139	1	04/23/21 11:32	04/26/21 11:27	218-01-9	H3
Dibenz(a,h)anthracene	ND	ug/kg	382	147	1	04/23/21 11:32	04/26/21 11:27	53-70-3	H3
Dibenzofuran	ND	ug/kg	382	138	1	04/23/21 11:32	04/26/21 11:27	132-64-9	H3
3,3'-Dichlorobenzidine	ND	ug/kg	764	258	1	04/23/21 11:32	04/26/21 11:27	91-94-1	H3,IL
2,4-Dichlorophenol	ND	ug/kg	382	149	1	04/23/21 11:32	04/26/21 11:27	120-83-2	H3
Diethylphthalate	ND	ug/kg	382	140	1	04/23/21 11:32	04/26/21 11:27	84-66-2	H3
2,4-Dimethylphenol	ND	ug/kg	382	159	1	04/23/21 11:32	04/26/21 11:27	105-67-9	H3
Dimethylphthalate	ND	ug/kg	382	139	1	04/23/21 11:32	04/26/21 11:27	131-11-3	H3
Di-n-butylphthalate	ND	ug/kg	382	129	1	04/23/21 11:32	04/26/21 11:27	84-74-2	H3
4,6-Dinitro-2-methylphenol	ND	ug/kg	764	357	1	04/23/21 11:32	04/26/21 11:27	534-52-1	H3
2,4-Dinitrophenol	ND	ug/kg	1910	1180	1	04/23/21 11:32	04/26/21 11:27	51-28-5	H3
2,4-Dinitrotoluene	ND	ug/kg	382	147	1	04/23/21 11:32	04/26/21 11:27	121-14-2	H3
2,6-Dinitrotoluene	ND	ug/kg	382	140	1	04/23/21 11:32	04/26/21 11:27	606-20-2	H3
Di-n-octylphthalate	ND	ug/kg	382	151	1	04/23/21 11:32	04/26/21 11:27	117-84-0	H3
bis(2-Ethylhexyl)phthalate	ND	ug/kg	382	148	1	04/23/21 11:32	04/26/21 11:27	117-81-7	H3
Fluoranthene	ND	ug/kg	382	131	1	04/23/21 11:32	04/26/21 11:27	206-44-0	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

Sample: RI-SB-31_SO_0.5-1.0_20210317 **Lab ID:** 92531096001 Collected: 03/17/21 10:25 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/kg	382	134	1	04/23/21 11:32	04/26/21 11:27	86-73-7	H3
Hexachlorobenzene	ND	ug/kg	382	149	1	04/23/21 11:32	04/26/21 11:27	118-74-1	H3
Hexachlorocyclopentadiene	ND	ug/kg	382	219	1	04/23/21 11:32	04/26/21 11:27	77-47-4	H3
Hexachloroethane	ND	ug/kg	382	146	1	04/23/21 11:32	04/26/21 11:27	67-72-1	H3
Indeno(1,2,3-cd)pyrene	ND	ug/kg	382	151	1	04/23/21 11:32	04/26/21 11:27	193-39-5	H3
Isophorone	ND	ug/kg	382	170	1	04/23/21 11:32	04/26/21 11:27	78-59-1	H3
1-Methylnaphthalene	ND	ug/kg	382	134	1	04/23/21 11:32	04/26/21 11:27	90-12-0	H3
2-Methylnaphthalene	ND	ug/kg	382	153	1	04/23/21 11:32	04/26/21 11:27	91-57-6	H3
2-Methylphenol(o-Cresol)	ND	ug/kg	382	156	1	04/23/21 11:32	04/26/21 11:27	95-48-7	H3
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	382	154	1	04/23/21 11:32	04/26/21 11:27	15831-10-4	H3
2-Nitroaniline	ND	ug/kg	1910	313	1	04/23/21 11:32	04/26/21 11:27	88-74-4	H3
3-Nitroaniline	ND	ug/kg	1910	300	1	04/23/21 11:32	04/26/21 11:27	99-09-2	H3
4-Nitroaniline	ND	ug/kg	764	291	1	04/23/21 11:32	04/26/21 11:27	100-01-6	H3
Nitrobenzene	ND	ug/kg	382	177	1	04/23/21 11:32	04/26/21 11:27	98-95-3	H3
2-Nitrophenol	ND	ug/kg	382	166	1	04/23/21 11:32	04/26/21 11:27	88-75-5	H3
4-Nitrophenol	ND	ug/kg	1910	739	1	04/23/21 11:32	04/26/21 11:27	100-02-7	H3
N-Nitrosodimethylamine	ND	ug/kg	382	129	1	04/23/21 11:32	04/26/21 11:27	62-75-9	H3
N-Nitroso-di-n-propylamine	ND	ug/kg	382	144	1	04/23/21 11:32	04/26/21 11:27	621-64-7	H3
N-Nitrosodiphenylamine	ND	ug/kg	382	136	1	04/23/21 11:32	04/26/21 11:27	86-30-6	H3
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	382	182	1	04/23/21 11:32	04/26/21 11:27	108-60-1	H3
Pentachlorophenol	ND	ug/kg	764	374	1	04/23/21 11:32	04/26/21 11:27	87-86-5	H3
Phenanthrene	177J	ug/kg	382	125	1	04/23/21 11:32	04/26/21 11:27	85-01-8	H3
Phenol	ND	ug/kg	382	170	1	04/23/21 11:32	04/26/21 11:27	108-95-2	H3
Pyrene	ND	ug/kg	382	155	1	04/23/21 11:32	04/26/21 11:27	129-00-0	H3
Pyridine	ND	ug/kg	382	120	1	04/23/21 11:32	04/26/21 11:27	110-86-1	H3
2,4,5-Trichlorophenol	ND	ug/kg	382	175	1	04/23/21 11:32	04/26/21 11:27	95-95-4	H3
2,4,6-Trichlorophenol	ND	ug/kg	382	158	1	04/23/21 11:32	04/26/21 11:27	88-06-2	H3
Surrogates									
Nitrobenzene-d5 (S)	74	%	21-130		1	04/23/21 11:32	04/26/21 11:27	4165-60-0	
2-Fluorobiphenyl (S)	73	%	19-130		1	04/23/21 11:32	04/26/21 11:27	321-60-8	
Terphenyl-d14 (S)	62	%	15-130		1	04/23/21 11:32	04/26/21 11:27	1718-51-0	
Phenol-d6 (S)	66	%	18-130		1	04/23/21 11:32	04/26/21 11:27	13127-88-3	
2-Fluorophenol (S)	62	%	18-130		1	04/23/21 11:32	04/26/21 11:27	367-12-4	
2,4,6-Tribromophenol (S)	66	%	18-130		1	04/23/21 11:32	04/26/21 11:27	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	61.2J	ug/kg	114	36.5	1	04/22/21 11:42	04/22/21 20:53	67-64-1	H3
Benzene	ND	ug/kg	5.7	2.3	1	04/22/21 11:42	04/22/21 20:53	71-43-2	H3
Bromobenzene	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	108-86-1	H3
Bromochloromethane	ND	ug/kg	5.7	1.7	1	04/22/21 11:42	04/22/21 20:53	74-97-5	H3
Bromodichloromethane	ND	ug/kg	5.7	2.2	1	04/22/21 11:42	04/22/21 20:53	75-27-4	H3
Bromoform	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	75-25-2	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_0.5-1.0_20210317 Lab ID: 92531096001 Collected: 03/17/21 10:25 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Bromomethane	ND	ug/kg	11.4	9.0	1	04/22/21 11:42	04/22/21 20:53	74-83-9	H3
2-Butanone (MEK)	ND	ug/kg	114	27.3	1	04/22/21 11:42	04/22/21 20:53	78-93-3	H3
n-Butylbenzene	ND	ug/kg	5.7	2.7	1	04/22/21 11:42	04/22/21 20:53	104-51-8	H3
sec-Butylbenzene	ND	ug/kg	5.7	2.5	1	04/22/21 11:42	04/22/21 20:53	135-98-8	H3
tert-Butylbenzene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	98-06-6	H3
Carbon tetrachloride	ND	ug/kg	5.7	2.1	1	04/22/21 11:42	04/22/21 20:53	56-23-5	H3
Chlorobenzene	ND	ug/kg	5.7	1.1	1	04/22/21 11:42	04/22/21 20:53	108-90-7	H3
Chloroethane	ND	ug/kg	11.4	4.4	1	04/22/21 11:42	04/22/21 20:53	75-00-3	H3
Chloroform	ND	ug/kg	5.7	3.5	1	04/22/21 11:42	04/22/21 20:53	67-66-3	H3
Chloromethane	ND	ug/kg	11.4	4.8	1	04/22/21 11:42	04/22/21 20:53	74-87-3	H3
2-Chlorotoluene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	95-49-8	H3
4-Chlorotoluene	ND	ug/kg	5.7	1.0	1	04/22/21 11:42	04/22/21 20:53	106-43-4	H3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	2.2	1	04/22/21 11:42	04/22/21 20:53	96-12-8	H3
Dibromochloromethane	ND	ug/kg	5.7	3.2	1	04/22/21 11:42	04/22/21 20:53	124-48-1	H3
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	2.5	1	04/22/21 11:42	04/22/21 20:53	106-93-4	H3
Dibromomethane	ND	ug/kg	5.7	1.2	1	04/22/21 11:42	04/22/21 20:53	74-95-3	H3
1,2-Dichlorobenzene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	95-50-1	H3
1,3-Dichlorobenzene	ND	ug/kg	5.7	1.8	1	04/22/21 11:42	04/22/21 20:53	541-73-1	H3
1,4-Dichlorobenzene	ND	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	106-46-7	H3
Dichlorodifluoromethane	ND	ug/kg	11.4	2.5	1	04/22/21 11:42	04/22/21 20:53	75-71-8	H3
1,1-Dichloroethane	ND	ug/kg	5.7	2.3	1	04/22/21 11:42	04/22/21 20:53	75-34-3	H3
1,2-Dichloroethane	ND	ug/kg	5.7	3.8	1	04/22/21 11:42	04/22/21 20:53	107-06-2	H3
1,1-Dichloroethene	ND	ug/kg	5.7	2.3	1	04/22/21 11:42	04/22/21 20:53	75-35-4	H3
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	156-59-2	H3
trans-1,2-Dichloroethene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	156-60-5	H3
1,2-Dichloropropane	ND	ug/kg	5.7	1.7	1	04/22/21 11:42	04/22/21 20:53	78-87-5	H3
1,3-Dichloropropane	ND	ug/kg	5.7	1.8	1	04/22/21 11:42	04/22/21 20:53	142-28-9	H3
2,2-Dichloropropane	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	594-20-7	H3
1,1-Dichloropropene	ND	ug/kg	5.7	2.7	1	04/22/21 11:42	04/22/21 20:53	563-58-6	H3
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	10061-01-5	H3
trans-1,3-Dichloropropene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	10061-02-6	H3
Diisopropyl ether	ND	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	108-20-3	H3
Ethylbenzene	ND	ug/kg	5.7	2.7	1	04/22/21 11:42	04/22/21 20:53	100-41-4	H3
Hexachloro-1,3-butadiene	ND	ug/kg	11.4	9.3	1	04/22/21 11:42	04/22/21 20:53	87-68-3	H3
2-Hexanone	ND	ug/kg	56.9	5.5	1	04/22/21 11:42	04/22/21 20:53	591-78-6	H3
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	98-82-8	H3
p-Isopropyltoluene	7.1	ug/kg	5.7	2.8	1	04/22/21 11:42	04/22/21 20:53	99-87-6	H3
Methylene Chloride	ND	ug/kg	22.8	15.6	1	04/22/21 11:42	04/22/21 20:53	75-09-2	H3
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.9	5.5	1	04/22/21 11:42	04/22/21 20:53	108-10-1	H3
Methyl-tert-butyl ether	ND	ug/kg	5.7	2.1	1	04/22/21 11:42	04/22/21 20:53	1634-04-4	H3
Naphthalene	14.9	ug/kg	5.7	3.0	1	04/22/21 11:42	04/22/21 20:53	91-20-3	H3
n-Propylbenzene	ND	ug/kg	5.7	2.0	1	04/22/21 11:42	04/22/21 20:53	103-65-1	H3
Styrene	192	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	100-42-5	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_0.5-1.0_20210317 **Lab ID:** 92531096001 Collected: 03/17/21 10:25 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	2.2	1	04/22/21 11:42	04/22/21 20:53	630-20-6	H3
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	79-34-5	H3
Tetrachloroethene	ND	ug/kg	5.7	1.8	1	04/22/21 11:42	04/22/21 20:53	127-18-4	H3
Toluene	8.6	ug/kg	5.7	1.6	1	04/22/21 11:42	04/22/21 20:53	108-88-3	H3
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	4.6	1	04/22/21 11:42	04/22/21 20:53	87-61-6	H3
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	4.8	1	04/22/21 11:42	04/22/21 20:53	120-82-1	H3
1,1,1-Trichloroethane	ND	ug/kg	5.7	3.0	1	04/22/21 11:42	04/22/21 20:53	71-55-6	H3
1,1,2-Trichloroethane	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	79-00-5	H3
Trichloroethene	ND	ug/kg	5.7	1.5	1	04/22/21 11:42	04/22/21 20:53	79-01-6	H3
Trichlorofluoromethane	ND	ug/kg	5.7	3.1	1	04/22/21 11:42	04/22/21 20:53	75-69-4	H3
1,2,3-Trichloropropane	ND	ug/kg	5.7	2.9	1	04/22/21 11:42	04/22/21 20:53	96-18-4	H3
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1.6	1	04/22/21 11:42	04/22/21 20:53	95-63-6	H3
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1.9	1	04/22/21 11:42	04/22/21 20:53	108-67-8	H3
Vinyl acetate	ND	ug/kg	56.9	4.1	1	04/22/21 11:42	04/22/21 20:53	108-05-4	H3
Vinyl chloride	ND	ug/kg	11.4	2.9	1	04/22/21 11:42	04/22/21 20:53	75-01-4	H3
Xylene (Total)	ND	ug/kg	11.4	3.2	1	04/22/21 11:42	04/22/21 20:53	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	3.9	1	04/22/21 11:42	04/22/21 20:53	179601-23-1	H3
o-Xylene	ND	ug/kg	5.7	2.5	1	04/22/21 11:42	04/22/21 20:53	95-47-6	H3
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/22/21 11:42	04/22/21 20:53	2037-26-5	
4-Bromofluorobenzene (S)	105	%	69-134		1	04/22/21 11:42	04/22/21 20:53	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	04/22/21 11:42	04/22/21 20:53	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	14.5	%	0.10	0.10	1		04/22/21 15:03		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_5.5-6.0_20210317 Lab ID: 92531096002 Collected: 03/17/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	132	ug/kg	13.7	1.4	1	04/26/21 13:44	04/26/21 17:37	50-32-8	H3
Surrogates									
2-Fluorobiphenyl (S)	82	%	31-130		1	04/26/21 13:44	04/26/21 17:37	321-60-8	
Nitrobenzene-d5 (S)	81	%	32-130		1	04/26/21 13:44	04/26/21 17:37	4165-60-0	
Terphenyl-d14 (S)	74	%	24-130		1	04/26/21 13:44	04/26/21 17:37	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	445	156	1	04/23/21 11:32	04/26/21 11:55	83-32-9	H3
Acenaphthylene	ND	ug/kg	445	156	1	04/23/21 11:32	04/26/21 11:55	208-96-8	H3
Aniline	ND	ug/kg	445	174	1	04/23/21 11:32	04/26/21 11:55	62-53-3	H3
Anthracene	ND	ug/kg	445	145	1	04/23/21 11:32	04/26/21 11:55	120-12-7	H3
Benzo(a)anthracene	ND	ug/kg	445	148	1	04/23/21 11:32	04/26/21 11:55	56-55-3	H3
Benzo(b)fluoranthene	ND	ug/kg	445	148	1	04/23/21 11:32	04/26/21 11:55	205-99-2	H3
Benzo(g,h,i)perylene	ND	ug/kg	445	172	1	04/23/21 11:32	04/26/21 11:55	191-24-2	H3
Benzo(k)fluoranthene	ND	ug/kg	445	156	1	04/23/21 11:32	04/26/21 11:55	207-08-9	H3
Benzoic Acid	ND	ug/kg	2220	955	1	04/23/21 11:32	04/26/21 11:55	65-85-0	H3
Benzyl alcohol	ND	ug/kg	889	337	1	04/23/21 11:32	04/26/21 11:55	100-51-6	H3
4-Bromophenylphenyl ether	ND	ug/kg	445	171	1	04/23/21 11:32	04/26/21 11:55	101-55-3	H3
Butylbenzylphthalate	ND	ug/kg	445	187	1	04/23/21 11:32	04/26/21 11:55	85-68-7	H3
4-Chloro-3-methylphenol	ND	ug/kg	889	313	1	04/23/21 11:32	04/26/21 11:55	59-50-7	H3
4-Chloroaniline	ND	ug/kg	889	349	1	04/23/21 11:32	04/26/21 11:55	106-47-8	H3
bis(2-Chloroethoxy)methane	ND	ug/kg	445	185	1	04/23/21 11:32	04/26/21 11:55	111-91-1	H3
bis(2-Chloroethyl) ether	ND	ug/kg	445	167	1	04/23/21 11:32	04/26/21 11:55	111-44-4	H3
2-Chloronaphthalene	ND	ug/kg	445	176	1	04/23/21 11:32	04/26/21 11:55	91-58-7	H3
2-Chlorophenol	ND	ug/kg	445	167	1	04/23/21 11:32	04/26/21 11:55	95-57-8	H3
4-Chlorophenylphenyl ether	ND	ug/kg	445	166	1	04/23/21 11:32	04/26/21 11:55	7005-72-3	H3
Chrysene	ND	ug/kg	445	162	1	04/23/21 11:32	04/26/21 11:55	218-01-9	H3
Dibenz(a,h)anthracene	ND	ug/kg	445	171	1	04/23/21 11:32	04/26/21 11:55	53-70-3	H3
Dibenzofuran	ND	ug/kg	445	160	1	04/23/21 11:32	04/26/21 11:55	132-64-9	H3
3,3'-Dichlorobenzidine	ND	ug/kg	889	300	1	04/23/21 11:32	04/26/21 11:55	91-94-1	H3,IL
2,4-Dichlorophenol	ND	ug/kg	445	174	1	04/23/21 11:32	04/26/21 11:55	120-83-2	H3
Diethylphthalate	ND	ug/kg	445	163	1	04/23/21 11:32	04/26/21 11:55	84-66-2	H3
2,4-Dimethylphenol	ND	ug/kg	445	185	1	04/23/21 11:32	04/26/21 11:55	105-67-9	H3
Dimethylphthalate	ND	ug/kg	445	162	1	04/23/21 11:32	04/26/21 11:55	131-11-3	H3
Di-n-butylphthalate	ND	ug/kg	445	150	1	04/23/21 11:32	04/26/21 11:55	84-74-2	H3
4,6-Dinitro-2-methylphenol	ND	ug/kg	889	415	1	04/23/21 11:32	04/26/21 11:55	534-52-1	H3
2,4-Dinitrophenol	ND	ug/kg	2220	1370	1	04/23/21 11:32	04/26/21 11:55	51-28-5	H3
2,4-Dinitrotoluene	ND	ug/kg	445	171	1	04/23/21 11:32	04/26/21 11:55	121-14-2	H3
2,6-Dinitrotoluene	ND	ug/kg	445	163	1	04/23/21 11:32	04/26/21 11:55	606-20-2	H3
Di-n-octylphthalate	ND	ug/kg	445	175	1	04/23/21 11:32	04/26/21 11:55	117-84-0	H3
bis(2-Ethylhexyl)phthalate	ND	ug/kg	445	172	1	04/23/21 11:32	04/26/21 11:55	117-81-7	H3
Fluoranthene	ND	ug/kg	445	152	1	04/23/21 11:32	04/26/21 11:55	206-44-0	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_5.5-6.0_20210317 **Lab ID:** 92531096002 Collected: 03/17/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/kg	445	156	1	04/23/21 11:32	04/26/21 11:55	86-73-7	H3
Hexachlorobenzene	ND	ug/kg	445	174	1	04/23/21 11:32	04/26/21 11:55	118-74-1	H3
Hexachlorocyclopentadiene	ND	ug/kg	445	255	1	04/23/21 11:32	04/26/21 11:55	77-47-4	H3
Hexachloroethane	ND	ug/kg	445	170	1	04/23/21 11:32	04/26/21 11:55	67-72-1	H3
Indeno(1,2,3-cd)pyrene	ND	ug/kg	445	175	1	04/23/21 11:32	04/26/21 11:55	193-39-5	H3
Isophorone	ND	ug/kg	445	198	1	04/23/21 11:32	04/26/21 11:55	78-59-1	H3
1-Methylnaphthalene	ND	ug/kg	445	156	1	04/23/21 11:32	04/26/21 11:55	90-12-0	H3
2-Methylnaphthalene	ND	ug/kg	445	178	1	04/23/21 11:32	04/26/21 11:55	91-57-6	H3
2-Methylphenol(o-Cresol)	ND	ug/kg	445	182	1	04/23/21 11:32	04/26/21 11:55	95-48-7	H3
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	445	179	1	04/23/21 11:32	04/26/21 11:55	15831-10-4	H3
2-Nitroaniline	ND	ug/kg	2220	364	1	04/23/21 11:32	04/26/21 11:55	88-74-4	H3
3-Nitroaniline	ND	ug/kg	2220	349	1	04/23/21 11:32	04/26/21 11:55	99-09-2	H3
4-Nitroaniline	ND	ug/kg	889	338	1	04/23/21 11:32	04/26/21 11:55	100-01-6	H3
Nitrobenzene	ND	ug/kg	445	206	1	04/23/21 11:32	04/26/21 11:55	98-95-3	H3
2-Nitrophenol	ND	ug/kg	445	193	1	04/23/21 11:32	04/26/21 11:55	88-75-5	H3
4-Nitrophenol	ND	ug/kg	2220	859	1	04/23/21 11:32	04/26/21 11:55	100-02-7	H3
N-Nitrosodimethylamine	ND	ug/kg	445	150	1	04/23/21 11:32	04/26/21 11:55	62-75-9	H3
N-Nitroso-di-n-propylamine	ND	ug/kg	445	167	1	04/23/21 11:32	04/26/21 11:55	621-64-7	H3
N-Nitrosodiphenylamine	ND	ug/kg	445	158	1	04/23/21 11:32	04/26/21 11:55	86-30-6	H3
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	445	211	1	04/23/21 11:32	04/26/21 11:55	108-60-1	H3
Pentachlorophenol	ND	ug/kg	889	435	1	04/23/21 11:32	04/26/21 11:55	87-86-5	H3
Phenanthrene	ND	ug/kg	445	145	1	04/23/21 11:32	04/26/21 11:55	85-01-8	H3
Phenol	ND	ug/kg	445	198	1	04/23/21 11:32	04/26/21 11:55	108-95-2	H3
Pyrene	ND	ug/kg	445	181	1	04/23/21 11:32	04/26/21 11:55	129-00-0	H3
Pyridine	ND	ug/kg	445	140	1	04/23/21 11:32	04/26/21 11:55	110-86-1	H3
2,4,5-Trichlorophenol	ND	ug/kg	445	203	1	04/23/21 11:32	04/26/21 11:55	95-95-4	H3
2,4,6-Trichlorophenol	ND	ug/kg	445	183	1	04/23/21 11:32	04/26/21 11:55	88-06-2	H3
Surrogates									
Nitrobenzene-d5 (S)	71	%	21-130		1	04/23/21 11:32	04/26/21 11:55	4165-60-0	
2-Fluorobiphenyl (S)	60	%	19-130		1	04/23/21 11:32	04/26/21 11:55	321-60-8	
Terphenyl-d14 (S)	58	%	15-130		1	04/23/21 11:32	04/26/21 11:55	1718-51-0	
Phenol-d6 (S)	66	%	18-130		1	04/23/21 11:32	04/26/21 11:55	13127-88-3	
2-Fluorophenol (S)	66	%	18-130		1	04/23/21 11:32	04/26/21 11:55	367-12-4	
2,4,6-Tribromophenol (S)	78	%	18-130		1	04/23/21 11:32	04/26/21 11:55	118-79-6	

8260D/5035A/5030B SC Volatiles

Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B

Pace Analytical Services - Charlotte

Acetone	185J	ug/kg	188	60.2	1	04/26/21 16:28	04/27/21 06:59	67-64-1	H3
Benzene	31.1	ug/kg	9.4	3.7	1	04/26/21 16:28	04/27/21 06:59	71-43-2	H3
Bromobenzene	ND	ug/kg	9.4	3.1	1	04/26/21 16:28	04/27/21 06:59	108-86-1	H3
Bromochloromethane	ND	ug/kg	9.4	2.8	1	04/26/21 16:28	04/27/21 06:59	74-97-5	H3
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	04/26/21 16:28	04/27/21 06:59	75-27-4	H3
Bromoform	ND	ug/kg	9.4	3.3	1	04/26/21 16:28	04/27/21 06:59	75-25-2	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-31_SO_5.5-6.0_20210317 Lab ID: 92531096002 Collected: 03/17/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Bromomethane	ND	ug/kg	18.8	14.8	1	04/26/21 16:28	04/27/21 06:59	74-83-9	H3
2-Butanone (MEK)	64.0J	ug/kg	188	45.0	1	04/26/21 16:28	04/27/21 06:59	78-93-3	H3
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	04/26/21 16:28	04/27/21 06:59	104-51-8	H3
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	04/26/21 16:28	04/27/21 06:59	135-98-8	H3
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	04/26/21 16:28	04/27/21 06:59	98-06-6	H3
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	04/26/21 16:28	04/27/21 06:59	56-23-5	H3
Chlorobenzene	30.0	ug/kg	9.4	1.8	1	04/26/21 16:28	04/27/21 06:59	108-90-7	H3
Chloroethane	ND	ug/kg	18.8	7.2	1	04/26/21 16:28	04/27/21 06:59	75-00-3	H3
Chloroform	ND	ug/kg	9.4	5.7	1	04/26/21 16:28	04/27/21 06:59	67-66-3	H3
Chloromethane	ND	ug/kg	18.8	7.9	1	04/26/21 16:28	04/27/21 06:59	74-87-3	H3
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	04/26/21 16:28	04/27/21 06:59	95-49-8	H3
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	04/26/21 16:28	04/27/21 06:59	106-43-4	H3
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	04/26/21 16:28	04/27/21 06:59	96-12-8	H3
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	04/26/21 16:28	04/27/21 06:59	124-48-1	H3
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	04/26/21 16:28	04/27/21 06:59	106-93-4	H3
Dibromomethane	ND	ug/kg	9.4	2.0	1	04/26/21 16:28	04/27/21 06:59	74-95-3	H3
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	04/26/21 16:28	04/27/21 06:59	95-50-1	H3
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	04/26/21 16:28	04/27/21 06:59	541-73-1	H3
1,4-Dichlorobenzene	6.0J	ug/kg	9.4	2.4	1	04/26/21 16:28	04/27/21 06:59	106-46-7	H3
Dichlorodifluoromethane	ND	ug/kg	18.8	4.1	1	04/26/21 16:28	04/27/21 06:59	75-71-8	H3
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	04/26/21 16:28	04/27/21 06:59	75-34-3	H3
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	04/26/21 16:28	04/27/21 06:59	107-06-2	H3
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	04/26/21 16:28	04/27/21 06:59	75-35-4	H3
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	04/26/21 16:28	04/27/21 06:59	156-59-2	H3
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	04/26/21 16:28	04/27/21 06:59	156-60-5	H3
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	04/26/21 16:28	04/27/21 06:59	78-87-5	H3
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	04/26/21 16:28	04/27/21 06:59	142-28-9	H3
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	04/26/21 16:28	04/27/21 06:59	594-20-7	H3
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	04/26/21 16:28	04/27/21 06:59	563-58-6	H3
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.6	1	04/26/21 16:28	04/27/21 06:59	10061-01-5	H3
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	04/26/21 16:28	04/27/21 06:59	10061-02-6	H3
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	04/26/21 16:28	04/27/21 06:59	108-20-3	H3
Ethylbenzene	103	ug/kg	9.4	4.4	1	04/26/21 16:28	04/27/21 06:59	100-41-4	H3
Hexachloro-1,3-butadiene	ND	ug/kg	18.8	15.3	1	04/26/21 16:28	04/27/21 06:59	87-68-3	H3
2-Hexanone	ND	ug/kg	93.8	9.0	1	04/26/21 16:28	04/27/21 06:59	591-78-6	H3
Isopropylbenzene (Cumene)	193	ug/kg	9.4	3.2	1	04/26/21 16:28	04/27/21 06:59	98-82-8	H3
p-Isopropyltoluene	98.1	ug/kg	9.4	4.6	1	04/26/21 16:28	04/27/21 06:59	99-87-6	H3
Methylene Chloride	ND	ug/kg	37.5	25.7	1	04/26/21 16:28	04/27/21 06:59	75-09-2	H3
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.8	9.0	1	04/26/21 16:28	04/27/21 06:59	108-10-1	H3
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	04/26/21 16:28	04/27/21 06:59	1634-04-4	H3
Naphthalene	959	ug/kg	9.4	4.9	1	04/26/21 16:28	04/27/21 06:59	91-20-3	H3
n-Propylbenzene	31.5	ug/kg	9.4	3.3	1	04/26/21 16:28	04/27/21 06:59	103-65-1	H3
Styrene	ND	ug/kg	9.4	2.5	1	04/26/21 16:28	04/27/21 06:59	100-42-5	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

Sample: RI-SB-31_SO_5.5-6.0_20210317 **Lab ID:** 92531096002 Collected: 03/17/21 10:30 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	04/26/21 16:28	04/27/21 06:59	630-20-6	H3
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	04/26/21 16:28	04/27/21 06:59	79-34-5	H3
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	04/26/21 16:28	04/27/21 06:59	127-18-4	H3
Toluene	214	ug/kg	9.4	2.7	1	04/26/21 16:28	04/27/21 06:59	108-88-3	H3
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	04/26/21 16:28	04/27/21 06:59	87-61-6	H3
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	04/26/21 16:28	04/27/21 06:59	120-82-1	H3
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	04/26/21 16:28	04/27/21 06:59	71-55-6	H3
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	04/26/21 16:28	04/27/21 06:59	79-00-5	H3
Trichloroethene	ND	ug/kg	9.4	2.4	1	04/26/21 16:28	04/27/21 06:59	79-01-6	H3
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	04/26/21 16:28	04/27/21 06:59	75-69-4	H3
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.7	1	04/26/21 16:28	04/27/21 06:59	96-18-4	H3
1,2,4-Trimethylbenzene	207	ug/kg	9.4	2.6	1	04/26/21 16:28	04/27/21 06:59	95-63-6	H3
1,3,5-Trimethylbenzene	82.7	ug/kg	9.4	3.2	1	04/26/21 16:28	04/27/21 06:59	108-67-8	H3
Vinyl acetate	ND	ug/kg	93.8	6.8	1	04/26/21 16:28	04/27/21 06:59	108-05-4	H3
Vinyl chloride	ND	ug/kg	18.8	4.8	1	04/26/21 16:28	04/27/21 06:59	75-01-4	H3
Xylene (Total)	632	ug/kg	18.8	5.3	1	04/26/21 16:28	04/27/21 06:59	1330-20-7	
m&p-Xylene	396	ug/kg	18.8	6.4	1	04/26/21 16:28	04/27/21 06:59	179601-23-1	H3
o-Xylene	237	ug/kg	9.4	4.1	1	04/26/21 16:28	04/27/21 06:59	95-47-6	H3
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	04/26/21 16:28	04/27/21 06:59	2037-26-5	
4-Bromofluorobenzene (S)	106	%	69-134		1	04/26/21 16:28	04/27/21 06:59	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1	04/26/21 16:28	04/27/21 06:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846
Pace Analytical Services - Charlotte

Percent Moisture	25.8	%	0.10	0.10	1		04/22/21 15:04		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_0.5-1.0_20210317 Lab ID: 92531096003 Collected: 03/17/21 10:50 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	13.9	ug/kg	11.8	1.2	1	04/24/21 15:57	04/25/21 13:48	50-32-8	H3
Surrogates									
2-Fluorobiphenyl (S)	65	%	31-130		1	04/24/21 15:57	04/25/21 13:48	321-60-8	
Nitrobenzene-d5 (S)	55	%	32-130		1	04/24/21 15:57	04/25/21 13:48	4165-60-0	
Terphenyl-d14 (S)	46	%	24-130		1	04/24/21 15:57	04/25/21 13:48	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/kg	391	137	1	04/23/21 11:32	04/26/21 12:22	83-32-9	H3
Acenaphthylene	ND	ug/kg	391	137	1	04/23/21 11:32	04/26/21 12:22	208-96-8	H3
Aniline	ND	ug/kg	391	153	1	04/23/21 11:32	04/26/21 12:22	62-53-3	H3
Anthracene	ND	ug/kg	391	128	1	04/23/21 11:32	04/26/21 12:22	120-12-7	H3
Benzo(a)anthracene	ND	ug/kg	391	130	1	04/23/21 11:32	04/26/21 12:22	56-55-3	H3
Benzo(b)fluoranthene	ND	ug/kg	391	130	1	04/23/21 11:32	04/26/21 12:22	205-99-2	H3
Benzo(g,h,i)perylene	ND	ug/kg	391	152	1	04/23/21 11:32	04/26/21 12:22	191-24-2	H3
Benzo(k)fluoranthene	ND	ug/kg	391	137	1	04/23/21 11:32	04/26/21 12:22	207-08-9	H3
Benzoic Acid	ND	ug/kg	1950	840	1	04/23/21 11:32	04/26/21 12:22	65-85-0	H3
Benzyl alcohol	ND	ug/kg	782	296	1	04/23/21 11:32	04/26/21 12:22	100-51-6	H3
4-Bromophenylphenyl ether	ND	ug/kg	391	150	1	04/23/21 11:32	04/26/21 12:22	101-55-3	H3
Butylbenzylphthalate	ND	ug/kg	391	165	1	04/23/21 11:32	04/26/21 12:22	85-68-7	H3
4-Chloro-3-methylphenol	ND	ug/kg	782	275	1	04/23/21 11:32	04/26/21 12:22	59-50-7	H3
4-Chloroaniline	ND	ug/kg	782	307	1	04/23/21 11:32	04/26/21 12:22	106-47-8	H3
bis(2-Chloroethoxy)methane	ND	ug/kg	391	162	1	04/23/21 11:32	04/26/21 12:22	111-91-1	H3
bis(2-Chloroethyl) ether	ND	ug/kg	391	147	1	04/23/21 11:32	04/26/21 12:22	111-44-4	H3
2-Chloronaphthalene	ND	ug/kg	391	155	1	04/23/21 11:32	04/26/21 12:22	91-58-7	H3
2-Chlorophenol	ND	ug/kg	391	147	1	04/23/21 11:32	04/26/21 12:22	95-57-8	H3
4-Chlorophenylphenyl ether	ND	ug/kg	391	146	1	04/23/21 11:32	04/26/21 12:22	7005-72-3	H3
Chrysene	ND	ug/kg	391	142	1	04/23/21 11:32	04/26/21 12:22	218-01-9	H3
Dibenz(a,h)anthracene	ND	ug/kg	391	150	1	04/23/21 11:32	04/26/21 12:22	53-70-3	H3
Dibenzofuran	ND	ug/kg	391	141	1	04/23/21 11:32	04/26/21 12:22	132-64-9	H3
3,3'-Dichlorobenzidine	ND	ug/kg	782	264	1	04/23/21 11:32	04/26/21 12:22	91-94-1	H3,IL
2,4-Dichlorophenol	ND	ug/kg	391	153	1	04/23/21 11:32	04/26/21 12:22	120-83-2	H3
Diethylphthalate	ND	ug/kg	391	143	1	04/23/21 11:32	04/26/21 12:22	84-66-2	H3
2,4-Dimethylphenol	ND	ug/kg	391	162	1	04/23/21 11:32	04/26/21 12:22	105-67-9	H3
Dimethylphthalate	ND	ug/kg	391	142	1	04/23/21 11:32	04/26/21 12:22	131-11-3	H3
Di-n-butylphthalate	ND	ug/kg	391	131	1	04/23/21 11:32	04/26/21 12:22	84-74-2	H3
4,6-Dinitro-2-methylphenol	ND	ug/kg	782	365	1	04/23/21 11:32	04/26/21 12:22	534-52-1	H3
2,4-Dinitrophenol	ND	ug/kg	1950	1210	1	04/23/21 11:32	04/26/21 12:22	51-28-5	H3
2,4-Dinitrotoluene	ND	ug/kg	391	150	1	04/23/21 11:32	04/26/21 12:22	121-14-2	H3
2,6-Dinitrotoluene	ND	ug/kg	391	143	1	04/23/21 11:32	04/26/21 12:22	606-20-2	H3
Di-n-octylphthalate	ND	ug/kg	391	154	1	04/23/21 11:32	04/26/21 12:22	117-84-0	H3
bis(2-Ethylhexyl)phthalate	ND	ug/kg	391	152	1	04/23/21 11:32	04/26/21 12:22	117-81-7	H3
Fluoranthene	ND	ug/kg	391	134	1	04/23/21 11:32	04/26/21 12:22	206-44-0	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_0.5-1.0_20210317 **Lab ID:** 92531096003 Collected: 03/17/21 10:50 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Fluorene	ND	ug/kg	391	137	1	04/23/21 11:32	04/26/21 12:22	86-73-7	H3
Hexachlorobenzene	ND	ug/kg	391	153	1	04/23/21 11:32	04/26/21 12:22	118-74-1	H3
Hexachlorocyclopentadiene	ND	ug/kg	391	224	1	04/23/21 11:32	04/26/21 12:22	77-47-4	H3
Hexachloroethane	ND	ug/kg	391	149	1	04/23/21 11:32	04/26/21 12:22	67-72-1	H3
Indeno(1,2,3-cd)pyrene	ND	ug/kg	391	154	1	04/23/21 11:32	04/26/21 12:22	193-39-5	H3
Isophorone	ND	ug/kg	391	174	1	04/23/21 11:32	04/26/21 12:22	78-59-1	H3
1-Methylnaphthalene	ND	ug/kg	391	137	1	04/23/21 11:32	04/26/21 12:22	90-12-0	H3
2-Methylnaphthalene	ND	ug/kg	391	156	1	04/23/21 11:32	04/26/21 12:22	91-57-6	H3
2-Methylphenol(o-Cresol)	ND	ug/kg	391	160	1	04/23/21 11:32	04/26/21 12:22	95-48-7	H3
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	391	158	1	04/23/21 11:32	04/26/21 12:22	15831-10-4	H3
2-Nitroaniline	ND	ug/kg	1950	320	1	04/23/21 11:32	04/26/21 12:22	88-74-4	H3
3-Nitroaniline	ND	ug/kg	1950	307	1	04/23/21 11:32	04/26/21 12:22	99-09-2	H3
4-Nitroaniline	ND	ug/kg	782	297	1	04/23/21 11:32	04/26/21 12:22	100-01-6	H3
Nitrobenzene	ND	ug/kg	391	181	1	04/23/21 11:32	04/26/21 12:22	98-95-3	H3
2-Nitrophenol	ND	ug/kg	391	169	1	04/23/21 11:32	04/26/21 12:22	88-75-5	H3
4-Nitrophenol	ND	ug/kg	1950	756	1	04/23/21 11:32	04/26/21 12:22	100-02-7	H3
N-Nitrosodimethylamine	ND	ug/kg	391	131	1	04/23/21 11:32	04/26/21 12:22	62-75-9	H3
N-Nitroso-di-n-propylamine	ND	ug/kg	391	147	1	04/23/21 11:32	04/26/21 12:22	621-64-7	H3
N-Nitrosodiphenylamine	ND	ug/kg	391	139	1	04/23/21 11:32	04/26/21 12:22	86-30-6	H3
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	391	186	1	04/23/21 11:32	04/26/21 12:22	108-60-1	H3
Pentachlorophenol	ND	ug/kg	782	383	1	04/23/21 11:32	04/26/21 12:22	87-86-5	H3
Phenanthrene	ND	ug/kg	391	128	1	04/23/21 11:32	04/26/21 12:22	85-01-8	H3
Phenol	ND	ug/kg	391	174	1	04/23/21 11:32	04/26/21 12:22	108-95-2	H3
Pyrene	ND	ug/kg	391	159	1	04/23/21 11:32	04/26/21 12:22	129-00-0	H3
Pyridine	ND	ug/kg	391	123	1	04/23/21 11:32	04/26/21 12:22	110-86-1	H3
2,4,5-Trichlorophenol	ND	ug/kg	391	179	1	04/23/21 11:32	04/26/21 12:22	95-95-4	H3
2,4,6-Trichlorophenol	ND	ug/kg	391	161	1	04/23/21 11:32	04/26/21 12:22	88-06-2	H3
Surrogates									
Nitrobenzene-d5 (S)	76	%	21-130		1	04/23/21 11:32	04/26/21 12:22	4165-60-0	
2-Fluorobiphenyl (S)	74	%	19-130		1	04/23/21 11:32	04/26/21 12:22	321-60-8	
Terphenyl-d14 (S)	62	%	15-130		1	04/23/21 11:32	04/26/21 12:22	1718-51-0	
Phenol-d6 (S)	69	%	18-130		1	04/23/21 11:32	04/26/21 12:22	13127-88-3	
2-Fluorophenol (S)	67	%	18-130		1	04/23/21 11:32	04/26/21 12:22	367-12-4	
2,4,6-Tribromophenol (S)	76	%	18-130		1	04/23/21 11:32	04/26/21 12:22	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	116	37.1	1	04/22/21 11:42	04/22/21 21:11	67-64-1	H3
Benzene	ND	ug/kg	5.8	2.3	1	04/22/21 11:42	04/22/21 21:11	71-43-2	H3
Bromobenzene	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:11	108-86-1	H3
Bromochloromethane	ND	ug/kg	5.8	1.7	1	04/22/21 11:42	04/22/21 21:11	74-97-5	H3
Bromodichloromethane	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:11	75-27-4	H3
Bromoform	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	75-25-2	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_0.5-1.0_20210317 Lab ID: 92531096003 Collected: 03/17/21 10:50 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Bromomethane	ND	ug/kg	11.6	9.1	1	04/22/21 11:42	04/22/21 21:11	74-83-9	H3
2-Butanone (MEK)	ND	ug/kg	116	27.8	1	04/22/21 11:42	04/22/21 21:11	78-93-3	H3
n-Butylbenzene	ND	ug/kg	5.8	2.7	1	04/22/21 11:42	04/22/21 21:11	104-51-8	H3
sec-Butylbenzene	ND	ug/kg	5.8	2.5	1	04/22/21 11:42	04/22/21 21:11	135-98-8	H3
tert-Butylbenzene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:11	98-06-6	H3
Carbon tetrachloride	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:11	56-23-5	H3
Chlorobenzene	ND	ug/kg	5.8	1.1	1	04/22/21 11:42	04/22/21 21:11	108-90-7	H3
Chloroethane	ND	ug/kg	11.6	4.5	1	04/22/21 11:42	04/22/21 21:11	75-00-3	H3
Chloroform	ND	ug/kg	5.8	3.5	1	04/22/21 11:42	04/22/21 21:11	67-66-3	H3
Chloromethane	ND	ug/kg	11.6	4.9	1	04/22/21 11:42	04/22/21 21:11	74-87-3	H3
2-Chlorotoluene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	95-49-8	H3
4-Chlorotoluene	ND	ug/kg	5.8	1.0	1	04/22/21 11:42	04/22/21 21:11	106-43-4	H3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:11	96-12-8	H3
Dibromochloromethane	ND	ug/kg	5.8	3.3	1	04/22/21 11:42	04/22/21 21:11	124-48-1	H3
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.5	1	04/22/21 11:42	04/22/21 21:11	106-93-4	H3
Dibromomethane	ND	ug/kg	5.8	1.2	1	04/22/21 11:42	04/22/21 21:11	74-95-3	H3
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:11	95-50-1	H3
1,3-Dichlorobenzene	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:11	541-73-1	H3
1,4-Dichlorobenzene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:11	106-46-7	H3
Dichlorodifluoromethane	ND	ug/kg	11.6	2.5	1	04/22/21 11:42	04/22/21 21:11	75-71-8	H3
1,1-Dichloroethane	ND	ug/kg	5.8	2.4	1	04/22/21 11:42	04/22/21 21:11	75-34-3	H3
1,2-Dichloroethane	ND	ug/kg	5.8	3.8	1	04/22/21 11:42	04/22/21 21:11	107-06-2	H3
1,1-Dichloroethene	ND	ug/kg	5.8	2.4	1	04/22/21 11:42	04/22/21 21:11	75-35-4	H3
cis-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	156-59-2	H3
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	156-60-5	H3
1,2-Dichloropropane	ND	ug/kg	5.8	1.7	1	04/22/21 11:42	04/22/21 21:11	78-87-5	H3
1,3-Dichloropropane	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:11	142-28-9	H3
2,2-Dichloropropane	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:11	594-20-7	H3
1,1-Dichloropropene	ND	ug/kg	5.8	2.8	1	04/22/21 11:42	04/22/21 21:11	563-58-6	H3
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:11	10061-01-5	H3
trans-1,3-Dichloropropene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	10061-02-6	H3
Diisopropyl ether	ND	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:11	108-20-3	H3
Ethylbenzene	ND	ug/kg	5.8	2.7	1	04/22/21 11:42	04/22/21 21:11	100-41-4	H3
Hexachloro-1,3-butadiene	ND	ug/kg	11.6	9.5	1	04/22/21 11:42	04/22/21 21:11	87-68-3	H3
2-Hexanone	ND	ug/kg	57.9	5.6	1	04/22/21 11:42	04/22/21 21:11	591-78-6	H3
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:11	98-82-8	H3
p-Isopropyltoluene	25.2	ug/kg	5.8	2.8	1	04/22/21 11:42	04/22/21 21:11	99-87-6	H3
Methylene Chloride	ND	ug/kg	23.1	15.9	1	04/22/21 11:42	04/22/21 21:11	75-09-2	H3
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.9	5.6	1	04/22/21 11:42	04/22/21 21:11	108-10-1	H3
Methyl-tert-butyl ether	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:11	1634-04-4	H3
Naphthalene	8.3	ug/kg	5.8	3.0	1	04/22/21 11:42	04/22/21 21:11	91-20-3	H3
n-Propylbenzene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:11	103-65-1	H3
Styrene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:11	100-42-5	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_0.5-1.0_20210317 Lab ID: 92531096003 Collected: 03/17/21 10:50 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:11	630-20-6	H3
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:11	79-34-5	H3
Tetrachloroethene	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:11	127-18-4	H3
Toluene	4.6J	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:11	108-88-3	H3
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	4.7	1	04/22/21 11:42	04/22/21 21:11	87-61-6	H3
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	4.9	1	04/22/21 11:42	04/22/21 21:11	120-82-1	H3
1,1,1-Trichloroethane	ND	ug/kg	5.8	3.0	1	04/22/21 11:42	04/22/21 21:11	71-55-6	H3
1,1,2-Trichloroethane	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:11	79-00-5	H3
Trichloroethene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:11	79-01-6	H3
Trichlorofluoromethane	ND	ug/kg	5.8	3.2	1	04/22/21 11:42	04/22/21 21:11	75-69-4	H3
1,2,3-Trichloropropane	ND	ug/kg	5.8	2.9	1	04/22/21 11:42	04/22/21 21:11	96-18-4	H3
1,2,4-Trimethylbenzene	11.8	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:11	95-63-6	H3
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:11	108-67-8	H3
Vinyl acetate	ND	ug/kg	57.9	4.2	1	04/22/21 11:42	04/22/21 21:11	108-05-4	H3
Vinyl chloride	ND	ug/kg	11.6	2.9	1	04/22/21 11:42	04/22/21 21:11	75-01-4	H3
Xylene (Total)	10.1J	ug/kg	11.6	3.3	1	04/22/21 11:42	04/22/21 21:11	1330-20-7	
m&p-Xylene	6.8J	ug/kg	11.6	4.0	1	04/22/21 11:42	04/22/21 21:11	179601-23-1	H3
o-Xylene	3.3J	ug/kg	5.8	2.6	1	04/22/21 11:42	04/22/21 21:11	95-47-6	H3
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/22/21 11:42	04/22/21 21:11	2037-26-5	
4-Bromofluorobenzene (S)	107	%	69-134		1	04/22/21 11:42	04/22/21 21:11	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	04/22/21 11:42	04/22/21 21:11	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	15.0	%	0.10	0.10	1		04/22/21 15:04		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_5.5-6.0_20210317 Lab ID: 92531096004 Collected: 03/17/21 10:55 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV MW PAH by SIM									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	11.7J	ug/kg	12.1	1.2	1	04/24/21 15:57	04/25/21 14:10	50-32-8	H3
Surrogates									
2-Fluorobiphenyl (S)	53	%	31-130		1	04/24/21 15:57	04/25/21 14:10	321-60-8	
Nitrobenzene-d5 (S)	57	%	32-130		1	04/24/21 15:57	04/25/21 14:10	4165-60-0	
Terphenyl-d14 (S)	41	%	24-130		1	04/24/21 15:57	04/25/21 14:10	1718-51-0	
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Acenaphthene	219J	ug/kg	402	141	1	04/23/21 11:32	04/26/21 12:50	83-32-9	H3
Acenaphthylene	ND	ug/kg	402	141	1	04/23/21 11:32	04/26/21 12:50	208-96-8	H3
Aniline	ND	ug/kg	402	157	1	04/23/21 11:32	04/26/21 12:50	62-53-3	H3
Anthracene	ND	ug/kg	402	132	1	04/23/21 11:32	04/26/21 12:50	120-12-7	H3
Benzo(a)anthracene	525	ug/kg	402	134	1	04/23/21 11:32	04/26/21 12:50	56-55-3	H3
Benzo(b)fluoranthene	999	ug/kg	402	134	1	04/23/21 11:32	04/26/21 12:50	205-99-2	H3
Benzo(g,h,i)perylene	782	ug/kg	402	156	1	04/23/21 11:32	04/26/21 12:50	191-24-2	H3
Benzo(k)fluoranthene	400J	ug/kg	402	141	1	04/23/21 11:32	04/26/21 12:50	207-08-9	H3
Benzoic Acid	ND	ug/kg	2010	864	1	04/23/21 11:32	04/26/21 12:50	65-85-0	H3
Benzyl alcohol	ND	ug/kg	805	305	1	04/23/21 11:32	04/26/21 12:50	100-51-6	H3
4-Bromophenylphenyl ether	ND	ug/kg	402	155	1	04/23/21 11:32	04/26/21 12:50	101-55-3	H3
Butylbenzylphthalate	ND	ug/kg	402	169	1	04/23/21 11:32	04/26/21 12:50	85-68-7	H3
4-Chloro-3-methylphenol	ND	ug/kg	805	283	1	04/23/21 11:32	04/26/21 12:50	59-50-7	H3
4-Chloroaniline	ND	ug/kg	805	316	1	04/23/21 11:32	04/26/21 12:50	106-47-8	H3
bis(2-Chloroethoxy)methane	ND	ug/kg	402	167	1	04/23/21 11:32	04/26/21 12:50	111-91-1	H3
bis(2-Chloroethyl) ether	ND	ug/kg	402	151	1	04/23/21 11:32	04/26/21 12:50	111-44-4	H3
2-Chloronaphthalene	ND	ug/kg	402	160	1	04/23/21 11:32	04/26/21 12:50	91-58-7	H3
2-Chlorophenol	ND	ug/kg	402	151	1	04/23/21 11:32	04/26/21 12:50	95-57-8	H3
4-Chlorophenylphenyl ether	ND	ug/kg	402	150	1	04/23/21 11:32	04/26/21 12:50	7005-72-3	H3
Chrysene	413	ug/kg	402	146	1	04/23/21 11:32	04/26/21 12:50	218-01-9	H3
Dibenz(a,h)anthracene	ND	ug/kg	402	155	1	04/23/21 11:32	04/26/21 12:50	53-70-3	H3
Dibenzofuran	ND	ug/kg	402	145	1	04/23/21 11:32	04/26/21 12:50	132-64-9	H3
3,3'-Dichlorobenzidine	ND	ug/kg	805	272	1	04/23/21 11:32	04/26/21 12:50	91-94-1	H3,IL
2,4-Dichlorophenol	ND	ug/kg	402	157	1	04/23/21 11:32	04/26/21 12:50	120-83-2	H3
Diethylphthalate	ND	ug/kg	402	148	1	04/23/21 11:32	04/26/21 12:50	84-66-2	H3
2,4-Dimethylphenol	ND	ug/kg	402	167	1	04/23/21 11:32	04/26/21 12:50	105-67-9	H3
Dimethylphthalate	ND	ug/kg	402	146	1	04/23/21 11:32	04/26/21 12:50	131-11-3	H3
Di-n-butylphthalate	ND	ug/kg	402	135	1	04/23/21 11:32	04/26/21 12:50	84-74-2	H3
4,6-Dinitro-2-methylphenol	ND	ug/kg	805	376	1	04/23/21 11:32	04/26/21 12:50	534-52-1	H3
2,4-Dinitrophenol	ND	ug/kg	2010	1240	1	04/23/21 11:32	04/26/21 12:50	51-28-5	H3
2,4-Dinitrotoluene	ND	ug/kg	402	155	1	04/23/21 11:32	04/26/21 12:50	121-14-2	H3
2,6-Dinitrotoluene	ND	ug/kg	402	148	1	04/23/21 11:32	04/26/21 12:50	606-20-2	H3
Di-n-octylphthalate	ND	ug/kg	402	159	1	04/23/21 11:32	04/26/21 12:50	117-84-0	H3
bis(2-Ethylhexyl)phthalate	ND	ug/kg	402	156	1	04/23/21 11:32	04/26/21 12:50	117-81-7	H3
Fluoranthene	225J	ug/kg	402	138	1	04/23/21 11:32	04/26/21 12:50	206-44-0	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_5.5-6.0_20210317 **Lab ID:** 92531096004 Collected: 03/17/21 10:55 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E MSSV Microwave									
Analytical Method: EPA 8270E Preparation Method: EPA 3546									
Pace Analytical Services - Charlotte									
Fluorene	169J	ug/kg	402	141	1	04/23/21 11:32	04/26/21 12:50	86-73-7	H3
Hexachlorobenzene	ND	ug/kg	402	157	1	04/23/21 11:32	04/26/21 12:50	118-74-1	H3
Hexachlorocyclopentadiene	ND	ug/kg	402	230	1	04/23/21 11:32	04/26/21 12:50	77-47-4	H3
Hexachloroethane	ND	ug/kg	402	154	1	04/23/21 11:32	04/26/21 12:50	67-72-1	H3
Indeno(1,2,3-cd)pyrene	717	ug/kg	402	159	1	04/23/21 11:32	04/26/21 12:50	193-39-5	H3
Isophorone	ND	ug/kg	402	179	1	04/23/21 11:32	04/26/21 12:50	78-59-1	H3
1-Methylnaphthalene	304J	ug/kg	402	141	1	04/23/21 11:32	04/26/21 12:50	90-12-0	H3
2-Methylnaphthalene	319J	ug/kg	402	161	1	04/23/21 11:32	04/26/21 12:50	91-57-6	H3
2-Methylphenol(o-Cresol)	ND	ug/kg	402	165	1	04/23/21 11:32	04/26/21 12:50	95-48-7	H3
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	402	162	1	04/23/21 11:32	04/26/21 12:50	15831-10-4	H3
2-Nitroaniline	ND	ug/kg	2010	329	1	04/23/21 11:32	04/26/21 12:50	88-74-4	H3
3-Nitroaniline	ND	ug/kg	2010	316	1	04/23/21 11:32	04/26/21 12:50	99-09-2	H3
4-Nitroaniline	ND	ug/kg	805	306	1	04/23/21 11:32	04/26/21 12:50	100-01-6	H3
Nitrobenzene	ND	ug/kg	402	187	1	04/23/21 11:32	04/26/21 12:50	98-95-3	H3
2-Nitrophenol	ND	ug/kg	402	174	1	04/23/21 11:32	04/26/21 12:50	88-75-5	H3
4-Nitrophenol	ND	ug/kg	2010	778	1	04/23/21 11:32	04/26/21 12:50	100-02-7	H3
N-Nitrosodimethylamine	ND	ug/kg	402	135	1	04/23/21 11:32	04/26/21 12:50	62-75-9	H3
N-Nitroso-di-n-propylamine	ND	ug/kg	402	151	1	04/23/21 11:32	04/26/21 12:50	621-64-7	H3
N-Nitrosodiphenylamine	ND	ug/kg	402	143	1	04/23/21 11:32	04/26/21 12:50	86-30-6	H3
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	402	191	1	04/23/21 11:32	04/26/21 12:50	108-60-1	H3
Pentachlorophenol	ND	ug/kg	805	394	1	04/23/21 11:32	04/26/21 12:50	87-86-5	H3
Phenanthrene	398J	ug/kg	402	132	1	04/23/21 11:32	04/26/21 12:50	85-01-8	H3
Phenol	ND	ug/kg	402	179	1	04/23/21 11:32	04/26/21 12:50	108-95-2	H3
Pyrene	294J	ug/kg	402	163	1	04/23/21 11:32	04/26/21 12:50	129-00-0	H3
Pyridine	ND	ug/kg	402	127	1	04/23/21 11:32	04/26/21 12:50	110-86-1	H3
2,4,5-Trichlorophenol	ND	ug/kg	402	184	1	04/23/21 11:32	04/26/21 12:50	95-95-4	H3
2,4,6-Trichlorophenol	ND	ug/kg	402	166	1	04/23/21 11:32	04/26/21 12:50	88-06-2	H3
Surrogates									
Nitrobenzene-d5 (S)	75	%	21-130		1	04/23/21 11:32	04/26/21 12:50	4165-60-0	
2-Fluorobiphenyl (S)	59	%	19-130		1	04/23/21 11:32	04/26/21 12:50	321-60-8	
Terphenyl-d14 (S)	50	%	15-130		1	04/23/21 11:32	04/26/21 12:50	1718-51-0	
Phenol-d6 (S)	70	%	18-130		1	04/23/21 11:32	04/26/21 12:50	13127-88-3	
2-Fluorophenol (S)	68	%	18-130		1	04/23/21 11:32	04/26/21 12:50	367-12-4	
2,4,6-Tribromophenol (S)	80	%	18-130		1	04/23/21 11:32	04/26/21 12:50	118-79-6	
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	62.5J	ug/kg	116	37.2	1	04/22/21 11:42	04/22/21 21:29	67-64-1	H3
Benzene	ND	ug/kg	5.8	2.3	1	04/22/21 11:42	04/22/21 21:29	71-43-2	H3
Bromobenzene	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:29	108-86-1	H3
Bromochloromethane	ND	ug/kg	5.8	1.7	1	04/22/21 11:42	04/22/21 21:29	74-97-5	H3
Bromodichloromethane	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:29	75-27-4	H3
Bromoform	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:29	75-25-2	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_5.5-6.0_20210317 Lab ID: 92531096004 Collected: 03/17/21 10:55 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
Bromomethane	ND	ug/kg	11.6	9.2	1	04/22/21 11:42	04/22/21 21:29	74-83-9	H3
2-Butanone (MEK)	ND	ug/kg	116	27.8	1	04/22/21 11:42	04/22/21 21:29	78-93-3	H3
n-Butylbenzene	ND	ug/kg	5.8	2.7	1	04/22/21 11:42	04/22/21 21:29	104-51-8	H3
sec-Butylbenzene	ND	ug/kg	5.8	2.6	1	04/22/21 11:42	04/22/21 21:29	135-98-8	H3
tert-Butylbenzene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:29	98-06-6	H3
Carbon tetrachloride	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:29	56-23-5	H3
Chlorobenzene	ND	ug/kg	5.8	1.1	1	04/22/21 11:42	04/22/21 21:29	108-90-7	H3
Chloroethane	ND	ug/kg	11.6	4.5	1	04/22/21 11:42	04/22/21 21:29	75-00-3	H3
Chloroform	ND	ug/kg	5.8	3.5	1	04/22/21 11:42	04/22/21 21:29	67-66-3	H3
Chloromethane	ND	ug/kg	11.6	4.9	1	04/22/21 11:42	04/22/21 21:29	74-87-3	H3
2-Chlorotoluene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:29	95-49-8	H3
4-Chlorotoluene	ND	ug/kg	5.8	1.0	1	04/22/21 11:42	04/22/21 21:29	106-43-4	H3
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	2.3	1	04/22/21 11:42	04/22/21 21:29	96-12-8	H3
Dibromochloromethane	ND	ug/kg	5.8	3.3	1	04/22/21 11:42	04/22/21 21:29	124-48-1	H3
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.6	1	04/22/21 11:42	04/22/21 21:29	106-93-4	H3
Dibromomethane	ND	ug/kg	5.8	1.2	1	04/22/21 11:42	04/22/21 21:29	74-95-3	H3
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:29	95-50-1	H3
1,3-Dichlorobenzene	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:29	541-73-1	H3
1,4-Dichlorobenzene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:29	106-46-7	H3
Dichlorodifluoromethane	ND	ug/kg	11.6	2.5	1	04/22/21 11:42	04/22/21 21:29	75-71-8	H3
1,1-Dichloroethane	ND	ug/kg	5.8	2.4	1	04/22/21 11:42	04/22/21 21:29	75-34-3	H3
1,2-Dichloroethane	ND	ug/kg	5.8	3.8	1	04/22/21 11:42	04/22/21 21:29	107-06-2	H3
1,1-Dichloroethene	ND	ug/kg	5.8	2.4	1	04/22/21 11:42	04/22/21 21:29	75-35-4	H3
cis-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:29	156-59-2	H3
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:29	156-60-5	H3
1,2-Dichloropropane	ND	ug/kg	5.8	1.7	1	04/22/21 11:42	04/22/21 21:29	78-87-5	H3
1,3-Dichloropropane	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:29	142-28-9	H3
2,2-Dichloropropane	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:29	594-20-7	H3
1,1-Dichloropropene	ND	ug/kg	5.8	2.8	1	04/22/21 11:42	04/22/21 21:29	563-58-6	H3
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:29	10061-01-5	H3
trans-1,3-Dichloropropene	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:29	10061-02-6	H3
Diisopropyl ether	ND	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:29	108-20-3	H3
Ethylbenzene	5.7J	ug/kg	5.8	2.7	1	04/22/21 11:42	04/22/21 21:29	100-41-4	H3
Hexachloro-1,3-butadiene	ND	ug/kg	11.6	9.5	1	04/22/21 11:42	04/22/21 21:29	87-68-3	H3
2-Hexanone	ND	ug/kg	58.0	5.6	1	04/22/21 11:42	04/22/21 21:29	591-78-6	H3
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.0	1	04/22/21 11:42	04/22/21 21:29	98-82-8	H3
p-Isopropyltoluene	32.1	ug/kg	5.8	2.9	1	04/22/21 11:42	04/22/21 21:29	99-87-6	H3
Methylene Chloride	ND	ug/kg	23.2	15.9	1	04/22/21 11:42	04/22/21 21:29	75-09-2	H3
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.0	5.6	1	04/22/21 11:42	04/22/21 21:29	108-10-1	H3
Methyl-tert-butyl ether	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:29	1634-04-4	H3
Naphthalene	18.3	ug/kg	5.8	3.1	1	04/22/21 11:42	04/22/21 21:29	91-20-3	H3
n-Propylbenzene	178	ug/kg	5.8	2.1	1	04/22/21 11:42	04/22/21 21:29	103-65-1	H3
Styrene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:29	100-42-5	H3

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: RI-SB-32_SO_5.5-6.0_20210317 Lab ID: 92531096004 Collected: 03/17/21 10:55 Received: 04/02/21 09:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260D/5035A/5030B SC Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1	04/22/21 11:42	04/22/21 21:29	630-20-6	H3
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:29	79-34-5	H3
Tetrachloroethene	ND	ug/kg	5.8	1.8	1	04/22/21 11:42	04/22/21 21:29	127-18-4	H3
Toluene	5.1J	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:29	108-88-3	H3
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	4.7	1	04/22/21 11:42	04/22/21 21:29	87-61-6	H3
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	4.9	1	04/22/21 11:42	04/22/21 21:29	120-82-1	H3
1,1,1-Trichloroethane	ND	ug/kg	5.8	3.0	1	04/22/21 11:42	04/22/21 21:29	71-55-6	H3
1,1,2-Trichloroethane	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:29	79-00-5	H3
Trichloroethene	ND	ug/kg	5.8	1.5	1	04/22/21 11:42	04/22/21 21:29	79-01-6	H3
Trichlorofluoromethane	ND	ug/kg	5.8	3.2	1	04/22/21 11:42	04/22/21 21:29	75-69-4	H3
1,2,3-Trichloropropane	ND	ug/kg	5.8	2.9	1	04/22/21 11:42	04/22/21 21:29	96-18-4	H3
1,2,4-Trimethylbenzene	22.4	ug/kg	5.8	1.6	1	04/22/21 11:42	04/22/21 21:29	95-63-6	H3
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1.9	1	04/22/21 11:42	04/22/21 21:29	108-67-8	H3
Vinyl acetate	ND	ug/kg	58.0	4.2	1	04/22/21 11:42	04/22/21 21:29	108-05-4	H3
Vinyl chloride	ND	ug/kg	11.6	2.9	1	04/22/21 11:42	04/22/21 21:29	75-01-4	H3
Xylene (Total)	22.4	ug/kg	11.6	3.3	1	04/22/21 11:42	04/22/21 21:29	1330-20-7	
m&p-Xylene	10.9J	ug/kg	11.6	4.0	1	04/22/21 11:42	04/22/21 21:29	179601-23-1	H3
o-Xylene	11.5	ug/kg	5.8	2.6	1	04/22/21 11:42	04/22/21 21:29	95-47-6	H3
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	04/22/21 11:42	04/22/21 21:29	2037-26-5	
4-Bromofluorobenzene (S)	122	%	69-134		1	04/22/21 11:42	04/22/21 21:29	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1	04/22/21 11:42	04/22/21 21:29	17060-07-0	
Percent Moisture									
Analytical Method: SW-846									
Pace Analytical Services - Charlotte									
Percent Moisture	18.0	%	0.10	0.10	1		04/22/21 15:04		N2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: TRIP BLANK **Lab ID: 92531096005** Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/23/21 00:05	67-64-1	H1
Benzene	ND	ug/L	1.0	0.34	1		04/23/21 00:05	71-43-2	H1
Bromobenzene	ND	ug/L	1.0	0.29	1		04/23/21 00:05	108-86-1	H1
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/23/21 00:05	74-97-5	H1
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/23/21 00:05	75-27-4	H1
Bromoform	ND	ug/L	1.0	0.34	1		04/23/21 00:05	75-25-2	H1
Bromomethane	ND	ug/L	2.0	1.7	1		04/23/21 00:05	74-83-9	H1
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/23/21 00:05	78-93-3	H1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/23/21 00:05	56-23-5	H1
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/23/21 00:05	108-90-7	H1
Chloroethane	ND	ug/L	1.0	0.65	1		04/23/21 00:05	75-00-3	H1,v1
Chloroform	ND	ug/L	5.0	1.6	1		04/23/21 00:05	67-66-3	H1
Chloromethane	ND	ug/L	1.0	0.54	1		04/23/21 00:05	74-87-3	H1
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/23/21 00:05	95-49-8	H1
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/23/21 00:05	106-43-4	H1
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/23/21 00:05	96-12-8	H1
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/23/21 00:05	124-48-1	H1
Dibromomethane	ND	ug/L	1.0	0.39	1		04/23/21 00:05	74-95-3	H1
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/23/21 00:05	95-50-1	H1
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/23/21 00:05	541-73-1	H1
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/23/21 00:05	106-46-7	H1
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/23/21 00:05	75-71-8	H1
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/23/21 00:05	75-34-3	H1
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/23/21 00:05	107-06-2	H1
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/23/21 00:05	75-35-4	H1
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/23/21 00:05	156-59-2	H1
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/23/21 00:05	156-60-5	H1
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/23/21 00:05	78-87-5	H1
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/23/21 00:05	142-28-9	H1
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/23/21 00:05	594-20-7	H1
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/23/21 00:05	563-58-6	H1
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/23/21 00:05	10061-01-5	H1
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/23/21 00:05	10061-02-6	H1
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/23/21 00:05	108-20-3	H1
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/23/21 00:05	100-41-4	H1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/23/21 00:05	87-68-3	H1
2-Hexanone	ND	ug/L	5.0	0.48	1		04/23/21 00:05	591-78-6	H1
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/23/21 00:05	99-87-6	H1
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/23/21 00:05	75-09-2	H1
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/23/21 00:05	108-10-1	H1
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/23/21 00:05	1634-04-4	H1
Naphthalene	ND	ug/L	1.0	0.64	1		04/23/21 00:05	91-20-3	H1
Styrene	ND	ug/L	1.0	0.29	1		04/23/21 00:05	100-42-5	H1
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/23/21 00:05	630-20-6	H1
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/23/21 00:05	79-34-5	H1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Sample: TRIP BLANK Lab ID: 92531096005 Collected: 04/02/21 00:00 Received: 04/02/21 09:40 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/23/21 00:05	127-18-4	H1
Toluene	ND	ug/L	1.0	0.48	1		04/23/21 00:05	108-88-3	H1
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/23/21 00:05	87-61-6	H1
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/23/21 00:05	120-82-1	H1
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/23/21 00:05	71-55-6	H1
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/23/21 00:05	79-00-5	H1
Trichloroethene	ND	ug/L	1.0	0.38	1		04/23/21 00:05	79-01-6	H1
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/23/21 00:05	75-69-4	H1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/23/21 00:05	96-18-4	H1
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/23/21 00:05	108-05-4	H1,L1
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/23/21 00:05	75-01-4	H1
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/23/21 00:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/23/21 00:05	179601-23-1	H1
o-Xylene	ND	ug/L	1.0	0.34	1		04/23/21 00:05	95-47-6	H1
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		04/23/21 00:05	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-130		1		04/23/21 00:05	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		04/23/21 00:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

QC Batch: 615558	Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D	Analysis Description: 8260 MSV Low Level SC
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096005

METHOD BLANK: 3239276 Matrix: Water
Associated Lab Samples: 92531096005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/22/21 23:29	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/22/21 23:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/22/21 23:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/22/21 23:29	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/22/21 23:29	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/22/21 23:29	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/22/21 23:29	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/22/21 23:29	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/22/21 23:29	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/22/21 23:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/22/21 23:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/22/21 23:29	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/22/21 23:29	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/22/21 23:29	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/22/21 23:29	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/22/21 23:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/22/21 23:29	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/22/21 23:29	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/22/21 23:29	
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/22/21 23:29	
2-Hexanone	ug/L	ND	5.0	0.48	04/22/21 23:29	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/22/21 23:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/22/21 23:29	
Acetone	ug/L	ND	25.0	5.1	04/22/21 23:29	
Benzene	ug/L	ND	1.0	0.34	04/22/21 23:29	
Bromobenzene	ug/L	ND	1.0	0.29	04/22/21 23:29	
Bromochloromethane	ug/L	ND	1.0	0.47	04/22/21 23:29	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/22/21 23:29	
Bromoform	ug/L	ND	1.0	0.34	04/22/21 23:29	
Bromomethane	ug/L	ND	2.0	1.7	04/22/21 23:29	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/22/21 23:29	
Chlorobenzene	ug/L	ND	1.0	0.28	04/22/21 23:29	
Chloroethane	ug/L	ND	1.0	0.65	04/22/21 23:29	v1
Chloroform	ug/L	ND	5.0	1.6	04/22/21 23:29	
Chloromethane	ug/L	ND	1.0	0.54	04/22/21 23:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/22/21 23:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/22/21 23:29	
Dibromochloromethane	ug/L	ND	1.0	0.36	04/22/21 23:29	
Dibromomethane	ug/L	ND	1.0	0.39	04/22/21 23:29	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/22/21 23:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

METHOD BLANK: 3239276

Matrix: Water

Associated Lab Samples: 92531096005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/22/21 23:29	
Ethylbenzene	ug/L	ND	1.0	0.30	04/22/21 23:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/22/21 23:29	
m&p-Xylene	ug/L	ND	2.0	0.71	04/22/21 23:29	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/22/21 23:29	
Methylene Chloride	ug/L	ND	5.0	2.0	04/22/21 23:29	
Naphthalene	ug/L	ND	1.0	0.64	04/22/21 23:29	
o-Xylene	ug/L	ND	1.0	0.34	04/22/21 23:29	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/22/21 23:29	
Styrene	ug/L	ND	1.0	0.29	04/22/21 23:29	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/22/21 23:29	
Toluene	ug/L	ND	1.0	0.48	04/22/21 23:29	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/22/21 23:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/22/21 23:29	
Trichloroethene	ug/L	ND	1.0	0.38	04/22/21 23:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/22/21 23:29	
Vinyl acetate	ug/L	ND	2.0	1.3	04/22/21 23:29	
Vinyl chloride	ug/L	ND	1.0	0.39	04/22/21 23:29	
Xylene (Total)	ug/L	ND	1.0	0.34	04/22/21 23:29	
1,2-Dichloroethane-d4 (S)	%	117	70-130		04/22/21 23:29	
4-Bromofluorobenzene (S)	%	104	70-130		04/22/21 23:29	
Toluene-d8 (S)	%	103	70-130		04/22/21 23:29	

LABORATORY CONTROL SAMPLE: 3239277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,1-Trichloroethane	ug/L	50	53.7	107	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	56.9	114	70-130	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	58.5	117	70-130	
1,1-Dichloroethene	ug/L	50	59.2	118	70-130	
1,1-Dichloropropene	ug/L	50	56.7	113	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2,3-Trichloropropane	ug/L	50	57.2	114	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.6	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.8	116	70-130	
1,2-Dichlorobenzene	ug/L	50	53.3	107	70-130	
1,2-Dichloroethane	ug/L	50	57.1	114	70-130	
1,2-Dichloropropane	ug/L	50	57.0	114	70-130	
1,3-Dichlorobenzene	ug/L	50	54.3	109	70-130	
1,3-Dichloropropane	ug/L	50	57.2	114	70-130	
1,4-Dichlorobenzene	ug/L	50	53.7	107	70-130	
2,2-Dichloropropane	ug/L	50	58.0	116	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3239277

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	126	126	70-130	
2-Chlorotoluene	ug/L	50	57.7	115	70-130	
2-Hexanone	ug/L	100	123	123	70-130	
4-Chlorotoluene	ug/L	50	56.5	113	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	119	119	70-130	
Acetone	ug/L	100	121	121	70-130	
Benzene	ug/L	50	53.4	107	70-130	
Bromobenzene	ug/L	50	52.9	106	70-130	
Bromochloromethane	ug/L	50	51.1	102	70-130	
Bromodichloromethane	ug/L	50	52.8	106	70-130	
Bromoform	ug/L	50	51.2	102	70-130	
Bromomethane	ug/L	50	59.4	119	70-130	
Carbon tetrachloride	ug/L	50	48.2	96	70-130	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	56.9	114	70-130 v1	
Chloroform	ug/L	50	58.7	117	70-130	
Chloromethane	ug/L	50	58.3	117	70-130	
cis-1,2-Dichloroethene	ug/L	50	60.7	121	70-130	
cis-1,3-Dichloropropene	ug/L	50	54.3	109	70-130	
Dibromochloromethane	ug/L	50	52.9	106	70-130	
Dibromomethane	ug/L	50	46.8	94	70-130	
Dichlorodifluoromethane	ug/L	50	48.6	97	70-130	
Diisopropyl ether	ug/L	50	59.9	120	70-130	
Ethylbenzene	ug/L	50	54.4	109	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.2	98	70-130	
m&p-Xylene	ug/L	100	108	108	70-130	
Methyl-tert-butyl ether	ug/L	50	58.9	118	70-130	
Methylene Chloride	ug/L	50	59.3	119	70-130	
Naphthalene	ug/L	50	57.0	114	70-130	
o-Xylene	ug/L	50	51.6	103	70-130	
p-Isopropyltoluene	ug/L	50	54.7	109	70-130	
Styrene	ug/L	50	52.5	105	70-130	
Tetrachloroethene	ug/L	50	46.7	93	70-130	
Toluene	ug/L	50	51.5	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	61.1	122	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.1	110	70-130	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	46.4	93	70-130	
Vinyl acetate	ug/L	100	140	140	70-130 L1	
Vinyl chloride	ug/L	50	63.9	128	70-130	
Xylene (Total)	ug/L	150	160	106	70-130	
1,2-Dichloroethane-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Parameter	Units	3239278		3239279		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92534013002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	420	468	105	117	73-134	11	30		
1,1,1-Trichloroethane	ug/L	ND	400	400	446	474	111	118	82-143	6	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	410	469	103	117	70-136	13	30		
1,1,2-Trichloroethane	ug/L	ND	400	400	429	459	107	115	70-135	7	30		
1,1-Dichloroethane	ug/L	ND	400	400	452	488	113	122	70-139	8	30		
1,1-Dichloroethene	ug/L	ND	400	400	468	498	117	124	70-154	6	30		
1,1-Dichloropropene	ug/L	ND	400	400	426	455	106	114	70-149	7	30		
1,2,3-Trichlorobenzene	ug/L	ND	400	400	366	436	92	109	70-135	17	30		
1,2,3-Trichloropropane	ug/L	ND	400	400	405	456	101	114	71-137	12	30		
1,2,4-Trichlorobenzene	ug/L	ND	400	400	366	421	91	105	73-140	14	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	439	516	110	129	65-134	16	30		
1,2-Dichlorobenzene	ug/L	ND	400	400	413	460	103	115	70-133	11	30		
1,2-Dichloroethane	ug/L	ND	400	400	410	433	103	108	70-137	5	30		
1,2-Dichloropropane	ug/L	ND	400	400	439	461	110	115	70-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	400	400	389	458	97	115	70-135	16	30		
1,3-Dichloropropane	ug/L	ND	400	400	432	479	108	120	70-143	10	30		
1,4-Dichlorobenzene	ug/L	ND	400	400	394	460	98	115	70-133	16	30		
2,2-Dichloropropane	ug/L	ND	400	400	306	315	76	79	61-148	3	30		
2-Butanone (MEK)	ug/L	ND	800	800	803	869	100	109	60-139	8	30		
2-Chlorotoluene	ug/L	ND	400	400	405	511	101	128	70-144	23	30		
2-Hexanone	ug/L	ND	800	800	818	904	102	113	65-138	10	30		
4-Chlorotoluene	ug/L	ND	400	400	399	484	100	121	70-137	19	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	800	800	822	970	103	121	65-135	17	30		
Acetone	ug/L	ND	800	800	920	984	115	123	60-148	7	30		
Benzene	ug/L	2050	400	400	2390	2620	84	142	70-151	9	30		
Bromobenzene	ug/L	ND	400	400	436	527	109	132	70-136	19	30		
Bromochloromethane	ug/L	ND	400	400	448	465	112	116	70-141	4	30		
Bromodichloromethane	ug/L	ND	400	400	428	451	107	113	70-138	5	30		
Bromoform	ug/L	ND	400	400	418	462	105	115	63-130	10	30		
Bromomethane	ug/L	ND	400	400	493	504	123	126	15-152	2	30		
Carbon tetrachloride	ug/L	ND	400	400	429	452	107	113	70-143	5	30		
Chlorobenzene	ug/L	ND	400	400	428	477	107	119	70-138	11	30		
Chloroethane	ug/L	ND	400	400	496	503	124	126	52-163	1	30		
Chloroform	ug/L	ND	400	400	438	457	110	114	70-139	4	30		
Chloromethane	ug/L	ND	400	400	367	393	92	98	41-139	7	30		
cis-1,2-Dichloroethene	ug/L	ND	400	400	446	473	112	118	70-141	6	30		
cis-1,3-Dichloropropene	ug/L	ND	400	400	388	424	97	106	70-137	9	30		
Dibromochloromethane	ug/L	ND	400	400	431	495	108	124	70-134	14	30		
Dibromomethane	ug/L	ND	400	400	424	447	106	112	70-138	5	30		
Dichlorodifluoromethane	ug/L	ND	400	400	287	305	72	76	47-155	6	30	v3	
Diisopropyl ether	ug/L	ND	400	400	424	451	105	112	63-144	6	30		
Ethylbenzene	ug/L	532	400	400	930	1060	100	132	66-153	13	30		
Hexachloro-1,3-butadiene	ug/L	ND	400	400	360	407	90	102	65-149	12	30		
m&p-Xylene	ug/L	443	800	800	1250	1410	101	121	69-152	12	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3239278		3239279		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92534013002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	144	400	400	536	572	98	107	54-156	7	30		
Methylene Chloride	ug/L	ND	400	400	457	481	114	120	42-159	5	30		
Naphthalene	ug/L	413	400	400	695	840	71	107	61-148	19	30		
o-Xylene	ug/L	35.4	400	400	442	495	102	115	70-148	11	30		
p-Isopropyltoluene	ug/L	ND	400	400	397	466	99	117	70-146	16	30		
Styrene	ug/L	ND	400	400	409	466	102	117	70-135	13	30		
Tetrachloroethene	ug/L	ND	400	400	394	450	98	113	59-143	13	30		
Toluene	ug/L	52.1	400	400	474	535	105	121	59-148	12	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	431	463	108	116	70-146	7	30		
trans-1,3-Dichloropropene	ug/L	ND	400	400	387	434	97	109	70-135	12	30		
Trichloroethene	ug/L	ND	400	400	413	446	103	111	70-147	8	30		
Trichlorofluoromethane	ug/L	ND	400	400	423	448	106	112	70-148	6	30		
Vinyl acetate	ug/L	ND	800	800	931	983	116	123	49-151	5	30		
Vinyl chloride	ug/L	ND	400	400	376	396	94	99	70-156	5	30		
Xylene (Total)	ug/L	478	1200	1200	1690	1910	101	119	63-158	12	30		
1,2-Dichloroethane-d4 (S)	%						105	102	70-130				
4-Bromofluorobenzene (S)	%						95	93	70-130				
Toluene-d8 (S)	%						98	98	70-130				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

QC Batch: 615494

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096001, 92531096003, 92531096004

METHOD BLANK: 3238936

Matrix: Solid

Associated Lab Samples: 92531096001, 92531096003, 92531096004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/22/21 12:27	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/22/21 12:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/22/21 12:27	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/22/21 12:27	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/22/21 12:27	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/22/21 12:27	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/22/21 12:27	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/22/21 12:27	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/22/21 12:27	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/22/21 12:27	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/22/21 12:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/22/21 12:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/22/21 12:27	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/22/21 12:27	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/22/21 12:27	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/22/21 12:27	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/22/21 12:27	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/22/21 12:27	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/22/21 12:27	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/22/21 12:27	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/22/21 12:27	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/22/21 12:27	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/22/21 12:27	
2-Hexanone	ug/kg	ND	50.0	4.8	04/22/21 12:27	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/22/21 12:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/22/21 12:27	
Acetone	ug/kg	ND	100	32.1	04/22/21 12:27	
Benzene	ug/kg	ND	5.0	2.0	04/22/21 12:27	
Bromobenzene	ug/kg	ND	5.0	1.6	04/22/21 12:27	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/22/21 12:27	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/22/21 12:27	
Bromoform	ug/kg	ND	5.0	1.8	04/22/21 12:27	
Bromomethane	ug/kg	ND	10.0	7.9	04/22/21 12:27	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/22/21 12:27	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/22/21 12:27	
Chloroethane	ug/kg	ND	10.0	3.9	04/22/21 12:27	
Chloroform	ug/kg	ND	5.0	3.0	04/22/21 12:27	
Chloromethane	ug/kg	ND	10.0	4.2	04/22/21 12:27	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/22/21 12:27	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/22/21 12:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

METHOD BLANK: 3238936

Matrix: Solid

Associated Lab Samples: 92531096001, 92531096003, 92531096004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/22/21 12:27	
Dibromomethane	ug/kg	ND	5.0	1.1	04/22/21 12:27	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/22/21 12:27	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/22/21 12:27	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/22/21 12:27	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/22/21 12:27	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/22/21 12:27	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/22/21 12:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/22/21 12:27	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/22/21 12:27	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/22/21 12:27	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/22/21 12:27	
Naphthalene	ug/kg	ND	5.0	2.6	04/22/21 12:27	
o-Xylene	ug/kg	ND	5.0	2.2	04/22/21 12:27	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/22/21 12:27	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/22/21 12:27	
Styrene	ug/kg	ND	5.0	1.3	04/22/21 12:27	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/22/21 12:27	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/22/21 12:27	
Toluene	ug/kg	ND	5.0	1.4	04/22/21 12:27	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/22/21 12:27	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/22/21 12:27	
Trichloroethene	ug/kg	ND	5.0	1.3	04/22/21 12:27	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/22/21 12:27	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/22/21 12:27	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/22/21 12:27	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/22/21 12:27	
1,2-Dichloroethane-d4 (S)	%	103	70-130		04/22/21 12:27	
4-Bromofluorobenzene (S)	%	107	69-134		04/22/21 12:27	
Toluene-d8 (S)	%	99	70-130		04/22/21 12:27	

LABORATORY CONTROL SAMPLE: 3238937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1210	97	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1110	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1180	94	70-130	
1,1-Dichloroethane	ug/kg	1250	1160	93	70-130	
1,1-Dichloroethene	ug/kg	1250	1150	92	70-130	
1,1-Dichloropropene	ug/kg	1250	1140	91	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1120	89	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1190	95	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1100	88	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3238937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1140	92	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1160	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	99	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1220	97	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1070	85	70-130	
1,3-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
2,2-Dichloropropane	ug/kg	1250	1110	89	66-130	
2-Butanone (MEK)	ug/kg	2500	2450	98	70-130	
2-Chlorotoluene	ug/kg	1250	1170	94	70-130	
2-Hexanone	ug/kg	2500	2610	104	70-130	
4-Chlorotoluene	ug/kg	1250	1140	91	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2470	99	70-130	
Acetone	ug/kg	2500	2430	97	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1150	92	70-130	
Bromochloromethane	ug/kg	1250	1190	96	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1240	99	70-130	
Bromomethane	ug/kg	1250	1120	90	52-130	
Carbon tetrachloride	ug/kg	1250	1170	94	70-130	
Chlorobenzene	ug/kg	1250	1170	94	70-130	
Chloroethane	ug/kg	1250	1210	97	65-130	
Chloroform	ug/kg	1250	1100	88	70-130	
Chloromethane	ug/kg	1250	1120	90	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1200	96	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1220	98	70-130	
Dibromochloromethane	ug/kg	1250	1260	101	70-130	
Dibromomethane	ug/kg	1250	1190	95	70-130	
Dichlorodifluoromethane	ug/kg	1250	1120	89	45-156	
Diisopropyl ether	ug/kg	1250	1110	89	70-130	
Ethylbenzene	ug/kg	1250	1120	89	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1110	89	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1160	93	70-130	
m&p-Xylene	ug/kg	2500	2400	96	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1120	89	70-130	
Methylene Chloride	ug/kg	1250	1180	95	65-130	
n-Butylbenzene	ug/kg	1250	1100	88	67-130	
n-Propylbenzene	ug/kg	1250	1120	90	70-130	
Naphthalene	ug/kg	1250	1120	90	70-130	
o-Xylene	ug/kg	1250	1190	95	70-130	
p-Isopropyltoluene	ug/kg	1250	1120	90	67-130	
sec-Butylbenzene	ug/kg	1250	1080	86	69-130	
Styrene	ug/kg	1250	1250	100	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3238937

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1090	87	67-130	
Tetrachloroethene	ug/kg	1250	1120	90	70-130	
Toluene	ug/kg	1250	1170	93	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1200	96	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1210	97	68-130	
Trichloroethene	ug/kg	1250	1140	91	70-130	
Trichlorofluoromethane	ug/kg	1250	1050	84	70-130	
Vinyl acetate	ug/kg	2500	2650	106	70-130	
Vinyl chloride	ug/kg	1250	1090	87	61-130	
Xylene (Total)	ug/kg	3750	3590	96	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			107	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3238939 3243822

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92534491002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/kg	ND	544	544	544	565	660	104	121	70-131	15	30	
1,1,1-Trichloroethane	ug/kg	ND	544	544	544	549	615	101	113	65-133	11	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	544	544	544	524	601	96	110	66-130	14	30	
1,1,2-Trichloroethane	ug/kg	ND	544	544	544	569	620	105	114	66-133	9	30	
1,1-Dichloroethane	ug/kg	ND	544	544	544	517	571	95	105	65-130	10	30	
1,1-Dichloroethene	ug/kg	ND	544	544	544	538	615	99	113	10-158	13	30	
1,1-Dichloropropene	ug/kg	ND	544	544	544	551	634	101	117	68-133	14	30	
1,2,3-Trichlorobenzene	ug/kg	ND	544	544	544	511	629	94	116	27-138	21	30	
1,2,3-Trichloropropane	ug/kg	ND	544	544	544	515	606	95	111	67-130	16	30	
1,2,4-Trichlorobenzene	ug/kg	ND	544	544	544	482	606	89	111	51-134	23	30	
1,2,4-Trimethylbenzene	ug/kg	ND	544	544	544	537	648	99	119	63-136	19	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	544	544	544	460	533	85	98	32-130	15	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	544	544	544	557	649	102	119	70-130	15	30	
1,2-Dichlorobenzene	ug/kg	ND	544	544	544	517	630	95	116	69-130	20	30	
1,2-Dichloroethane	ug/kg	ND	544	544	544	548	612	101	112	59-130	11	30	
1,2-Dichloropropane	ug/kg	ND	544	544	544	592	632	109	116	70-130	6	30	
1,3,5-Trimethylbenzene	ug/kg	ND	544	544	544	550	643	101	118	65-137	16	30	
1,3-Dichlorobenzene	ug/kg	ND	544	544	544	497	616	91	113	70-130	21	30	
1,3-Dichloropropane	ug/kg	ND	544	544	544	587	680	108	125	70-130	15	30	
1,4-Dichlorobenzene	ug/kg	ND	544	544	544	517	628	95	115	68-130	19	30	
2,2-Dichloropropane	ug/kg	ND	544	544	544	412	586	76	108	32-130	35	30 R1	
2-Butanone (MEK)	ug/kg	ND	1090	1090	1090	995	1070	92	99	10-136	8	30	
2-Chlorotoluene	ug/kg	ND	544	544	544	555	654	102	120	69-141	16	30	
2-Hexanone	ug/kg	ND	1090	1090	1090	1050	1190	96	109	10-144	12	30	
4-Chlorotoluene	ug/kg	ND	544	544	544	528	649	97	119	70-132	21	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1090	1090	1090	1070	1150	98	106	25-143	8	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3238939 3243822												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92534491002 Result	Spike Conc.	Spike Conc.	MS Conc.							
Acetone	ug/kg	211	1090	1090	1080	1050	80	78	10-130	2	30	
Benzene	ug/kg	ND	544	544	587	652	108	120	67-130	10	30	
Bromobenzene	ug/kg	ND	544	544	535	638	98	117	70-130	18	30	
Bromochloromethane	ug/kg	ND	544	544	526	576	97	106	69-134	9	30	
Bromodichloromethane	ug/kg	ND	544	544	556	577	102	106	64-130	4	30	
Bromoform	ug/kg	ND	544	544	521	606	96	112	62-130	15	30	
Bromomethane	ug/kg	ND	544	544	442	461	81	85	20-176	4	30	
Carbon tetrachloride	ug/kg	ND	544	544	561	616	103	113	65-140	9	30	
Chlorobenzene	ug/kg	ND	544	544	557	647	102	119	70-130	15	30	
Chloroethane	ug/kg	ND	544	544	265	270	49	50	10-130	2	30	
Chloroform	ug/kg	ND	544	544	497	543	91	100	63-130	9	30	
Chloromethane	ug/kg	ND	544	544	600	664	110	122	58-130	10	30	
cis-1,2-Dichloroethene	ug/kg	ND	544	544	545	585	100	108	66-130	7	30	
cis-1,3-Dichloropropene	ug/kg	ND	544	544	548	632	101	116	67-130	14	30	
Dibromochloromethane	ug/kg	ND	544	544	550	657	101	121	67-130	18	30	
Dibromomethane	ug/kg	ND	544	544	538	610	99	112	63-131	13	30	
Dichlorodifluoromethane	ug/kg	ND	544	544	580	742	107	136	44-180	24	30	
Diisopropyl ether	ug/kg	ND	544	544	508	550	93	101	63-130	8	30	
Ethylbenzene	ug/kg	ND	544	544	547	630	101	116	66-130	14	30	
Hexachloro-1,3-butadiene	ug/kg	ND	544	544	515	693	95	128	64-150	30	30	
Isopropylbenzene (Cumene)	ug/kg	ND	544	544	581	667	107	123	69-135	14	30	
m&p-Xylene	ug/kg	ND	1090	1090	1160	1340	107	123	60-133	14	30	
Methyl-tert-butyl ether	ug/kg	ND	544	544	502	565	92	104	65-130	12	30	
Methylene Chloride	ug/kg	ND	544	544	551	615	101	113	61-130	11	30	
n-Butylbenzene	ug/kg	ND	544	544	510	654	94	120	65-140	25	30	
n-Propylbenzene	ug/kg	ND	544	544	537	648	99	119	67-140	19	30	
Naphthalene	ug/kg	ND	544	544	505	594	93	109	15-145	16	30	
o-Xylene	ug/kg	ND	544	544	577	656	106	121	66-133	13	30	
p-Isopropyltoluene	ug/kg	ND	544	544	532	667	98	123	56-147	23	30	
sec-Butylbenzene	ug/kg	ND	544	544	534	659	98	121	65-139	21	30	
Styrene	ug/kg	ND	544	544	579	667	106	123	70-132	14	30	
tert-Butylbenzene	ug/kg	ND	544	544	531	634	98	117	62-135	18	30	
Tetrachloroethene	ug/kg	ND	544	544	542	641	100	118	70-135	17	30	
Toluene	ug/kg	3.5J	544	544	587	641	107	117	67-130	9	30	
trans-1,2-Dichloroethene	ug/kg	ND	544	544	548	610	101	112	69-130	11	30	
trans-1,3-Dichloropropene	ug/kg	ND	544	544	543	620	100	114	62-130	13	30	
Trichloroethene	ug/kg	ND	544	544	563	637	104	117	70-135	12	30	
Trichlorofluoromethane	ug/kg	ND	544	544	230	271	42	50	10-130	17	30	
Vinyl acetate	ug/kg	ND	1090	1090	1120	1310	103	120	53-130	15	30	
Vinyl chloride	ug/kg	ND	544	544	562	605	103	111	61-148	7	30	
Xylene (Total)	ug/kg	ND	1630	1630	1740	1990	106	122	63-132	14	30	
1,2-Dichloroethane-d4 (S)	%						116	118	70-130			
4-Bromofluorobenzene (S)	%						105	105	69-134			
Toluene-d8 (S)	%						100	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

QC Batch: 616269 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096002

METHOD BLANK: 3243352 Matrix: Solid

Associated Lab Samples: 92531096002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	04/27/21 01:16	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	04/27/21 01:16	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	04/27/21 01:16	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	04/27/21 01:16	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	04/27/21 01:16	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	04/27/21 01:16	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	04/27/21 01:16	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	04/27/21 01:16	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	04/27/21 01:16	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	04/27/21 01:16	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	04/27/21 01:16	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	04/27/21 01:16	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	04/27/21 01:16	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	04/27/21 01:16	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	04/27/21 01:16	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	04/27/21 01:16	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	04/27/21 01:16	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	04/27/21 01:16	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	04/27/21 01:16	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	04/27/21 01:16	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	04/27/21 01:16	
2-Butanone (MEK)	ug/kg	ND	100	24.0	04/27/21 01:16	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	04/27/21 01:16	
2-Hexanone	ug/kg	ND	50.0	4.8	04/27/21 01:16	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	04/27/21 01:16	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	04/27/21 01:16	
Acetone	ug/kg	ND	100	32.1	04/27/21 01:16	
Benzene	ug/kg	ND	5.0	2.0	04/27/21 01:16	
Bromobenzene	ug/kg	ND	5.0	1.6	04/27/21 01:16	
Bromochloromethane	ug/kg	ND	5.0	1.5	04/27/21 01:16	
Bromodichloromethane	ug/kg	ND	5.0	1.9	04/27/21 01:16	
Bromoform	ug/kg	ND	5.0	1.8	04/27/21 01:16	
Bromomethane	ug/kg	ND	10.0	7.9	04/27/21 01:16	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	04/27/21 01:16	
Chlorobenzene	ug/kg	ND	5.0	0.96	04/27/21 01:16	
Chloroethane	ug/kg	ND	10.0	3.9	04/27/21 01:16	
Chloroform	ug/kg	ND	5.0	3.0	04/27/21 01:16	
Chloromethane	ug/kg	ND	10.0	4.2	04/27/21 01:16	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	04/27/21 01:16	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	04/27/21 01:16	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

METHOD BLANK: 3243352 Matrix: Solid
Associated Lab Samples: 92531096002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	04/27/21 01:16	
Dibromomethane	ug/kg	ND	5.0	1.1	04/27/21 01:16	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	04/27/21 01:16	
Diisopropyl ether	ug/kg	ND	5.0	1.4	04/27/21 01:16	
Ethylbenzene	ug/kg	ND	5.0	2.3	04/27/21 01:16	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	04/27/21 01:16	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	04/27/21 01:16	
m&p-Xylene	ug/kg	ND	10.0	3.4	04/27/21 01:16	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	04/27/21 01:16	
Methylene Chloride	ug/kg	ND	20.0	13.7	04/27/21 01:16	
n-Butylbenzene	ug/kg	ND	5.0	2.4	04/27/21 01:16	
n-Propylbenzene	ug/kg	ND	5.0	1.8	04/27/21 01:16	
Naphthalene	ug/kg	ND	5.0	2.6	04/27/21 01:16	
o-Xylene	ug/kg	ND	5.0	2.2	04/27/21 01:16	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	04/27/21 01:16	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	04/27/21 01:16	
Styrene	ug/kg	ND	5.0	1.3	04/27/21 01:16	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	04/27/21 01:16	
Tetrachloroethene	ug/kg	ND	5.0	1.6	04/27/21 01:16	
Toluene	ug/kg	ND	5.0	1.4	04/27/21 01:16	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	04/27/21 01:16	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	04/27/21 01:16	
Trichloroethene	ug/kg	ND	5.0	1.3	04/27/21 01:16	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	04/27/21 01:16	
Vinyl acetate	ug/kg	ND	50.0	3.6	04/27/21 01:16	
Vinyl chloride	ug/kg	ND	10.0	2.5	04/27/21 01:16	
Xylene (Total)	ug/kg	ND	10.0	2.8	04/27/21 01:16	
1,2-Dichloroethane-d4 (S)	%	106	70-130		04/27/21 01:16	
4-Bromofluorobenzene (S)	%	105	69-134		04/27/21 01:16	
Toluene-d8 (S)	%	98	70-130		04/27/21 01:16	

LABORATORY CONTROL SAMPLE: 3243353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1190	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1130	90	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1180	94	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1160	93	70-130	
1,1-Dichloroethane	ug/kg	1250	1150	92	70-130	
1,1-Dichloroethene	ug/kg	1250	1160	93	70-130	
1,1-Dichloropropene	ug/kg	1250	1120	89	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1150	92	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1200	96	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1090	87	68-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3243353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1130	90	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1200	96	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1240	100	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1130	91	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1160	93	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1130	90	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
1,3-Dichloropropane	ug/kg	1250	1260	101	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
2,2-Dichloropropane	ug/kg	1250	1040	83	66-130	
2-Butanone (MEK)	ug/kg	2500	2490	100	70-130	
2-Chlorotoluene	ug/kg	1250	1180	94	70-130	
2-Hexanone	ug/kg	2500	2650	106	70-130	
4-Chlorotoluene	ug/kg	1250	1150	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2460	99	70-130	
Acetone	ug/kg	2500	2470	99	69-130	
Benzene	ug/kg	1250	1160	93	70-130	
Bromobenzene	ug/kg	1250	1160	93	70-130	
Bromochloromethane	ug/kg	1250	1180	95	70-130	
Bromodichloromethane	ug/kg	1250	1070	86	69-130	
Bromoform	ug/kg	1250	1230	99	70-130	
Bromomethane	ug/kg	1250	1000	80	52-130	
Carbon tetrachloride	ug/kg	1250	1120	90	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1030	83	65-130	
Chloroform	ug/kg	1250	1050	84	70-130	
Chloromethane	ug/kg	1250	1080	86	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1150	92	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1170	93	70-130	
Dibromochloromethane	ug/kg	1250	1280	102	70-130	
Dibromomethane	ug/kg	1250	1200	96	70-130	
Dichlorodifluoromethane	ug/kg	1250	1220	98	45-156	
Diisopropyl ether	ug/kg	1250	1100	88	70-130	
Ethylbenzene	ug/kg	1250	1070	85	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1080	87	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1110	89	70-130	
m&p-Xylene	ug/kg	2500	2300	92	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1130	90	70-130	
Methylene Chloride	ug/kg	1250	1200	96	65-130	
n-Butylbenzene	ug/kg	1250	1060	85	67-130	
n-Propylbenzene	ug/kg	1250	1090	87	70-130	
Naphthalene	ug/kg	1250	1180	95	70-130	
o-Xylene	ug/kg	1250	1140	91	70-130	
p-Isopropyltoluene	ug/kg	1250	1120	89	67-130	
sec-Butylbenzene	ug/kg	1250	1070	86	69-130	
Styrene	ug/kg	1250	1200	96	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3243353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1100	88	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1130	90	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1150	92	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1160	93	68-130	
Trichloroethene	ug/kg	1250	1120	89	70-130	
Trichlorofluoromethane	ug/kg	1250	1050	84	70-130	
Vinyl acetate	ug/kg	2500	2670	107	70-130	
Vinyl chloride	ug/kg	1250	1030	82	61-130	
Xylene (Total)	ug/kg	3750	3440	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			104	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3243355

Parameter	Units	92535044005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	825	785	95	70-131	
1,1,1-Trichloroethane	ug/kg	ND	825	735	89	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	825	716	87	66-130	
1,1,2-Trichloroethane	ug/kg	ND	825	751	91	66-133	
1,1-Dichloroethane	ug/kg	ND	825	717	87	65-130	
1,1-Dichloroethene	ug/kg	ND	825	737	89	10-158	
1,1-Dichloropropene	ug/kg	ND	825	726	88	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	825	732	89	27-138	
1,2,3-Trichloropropane	ug/kg	ND	825	706	86	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	825	688	83	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	825	720	87	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	825	662	80	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	825	777	94	70-130	
1,2-Dichlorobenzene	ug/kg	ND	825	731	89	69-130	
1,2-Dichloroethane	ug/kg	ND	825	749	91	59-130	
1,2-Dichloropropane	ug/kg	ND	825	780	95	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	825	734	89	65-137	
1,3-Dichlorobenzene	ug/kg	ND	825	706	86	70-130	
1,3-Dichloropropane	ug/kg	ND	825	819	99	70-130	
1,4-Dichlorobenzene	ug/kg	ND	825	702	85	68-130	
2,2-Dichloropropane	ug/kg	ND	825	570	69	32-130	
2-Butanone (MEK)	ug/kg	ND	1650	1340	81	10-136	
2-Chlorotoluene	ug/kg	ND	825	761	92	69-141	
2-Hexanone	ug/kg	ND	1650	1410	86	10-144	
4-Chlorotoluene	ug/kg	ND	825	726	88	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1650	1380	84	25-143	
Acetone	ug/kg	ND	1650	1230	75	10-130	
Benzene	ug/kg	ND	825	783	95	67-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

MATRIX SPIKE SAMPLE: 3243355		92535044005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Bromobenzene	ug/kg	ND	825	732	89	70-130	
Bromochloromethane	ug/kg	ND	825	701	85	69-134	
Bromodichloromethane	ug/kg	ND	825	679	82	64-130	
Bromoform	ug/kg	ND	825	704	85	62-130	
Bromomethane	ug/kg	ND	825	517	63	20-176	
Carbon tetrachloride	ug/kg	ND	825	722	88	65-140	
Chlorobenzene	ug/kg	ND	825	762	92	70-130	
Chloroethane	ug/kg	ND	825	336	41	10-130	
Chloroform	ug/kg	ND	825	677	82	63-130	
Chloromethane	ug/kg	ND	825	801	97	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	825	724	88	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	825	727	88	67-130	
Dibromochloromethane	ug/kg	ND	825	791	96	67-130	
Dibromomethane	ug/kg	ND	825	750	91	63-131	
Dichlorodifluoromethane	ug/kg	ND	825	819	99	44-180	
Diisopropyl ether	ug/kg	ND	825	664	81	63-130	
Ethylbenzene	ug/kg	ND	825	726	88	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	825	693	84	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	825	747	91	69-135	
m&p-Xylene	ug/kg	ND	1650	1530	93	60-133	
Methyl-tert-butyl ether	ug/kg	ND	825	671	81	65-130	
Methylene Chloride	ug/kg	ND	825	737	89	61-130	
n-Butylbenzene	ug/kg	ND	825	658	80	65-140	
n-Propylbenzene	ug/kg	ND	825	719	87	67-140	
Naphthalene	ug/kg	ND	825	707	86	15-145	
o-Xylene	ug/kg	ND	825	766	93	66-133	
p-Isopropyltoluene	ug/kg	ND	825	718	87	56-147	
sec-Butylbenzene	ug/kg	ND	825	713	87	65-139	
Styrene	ug/kg	ND	825	767	93	70-132	
tert-Butylbenzene	ug/kg	ND	825	731	89	62-135	
Tetrachloroethene	ug/kg	ND	825	698	85	70-135	
Toluene	ug/kg	10.6	825	759	91	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	825	717	87	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	825	713	86	62-130	
Trichloroethene	ug/kg	ND	825	752	91	70-135	
Trichlorofluoromethane	ug/kg	ND	825	321	39	10-130	
Vinyl acetate	ug/kg	ND	1650	1540	93	53-130	
Vinyl chloride	ug/kg	ND	825	732	89	61-148	
Xylene (Total)	ug/kg	ND	2470	2290	93	63-132	
1,2-Dichloroethane-d4 (S)	%				115	70-130	
4-Bromofluorobenzene (S)	%				105	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

SAMPLE DUPLICATE: 3243354

Parameter	Units	92535044004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

SAMPLE DUPLICATE: 3243354

Parameter	Units	92535044004 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	19.8	19.5	2	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	104	101			
4-Bromofluorobenzene (S)	%	105	105			
Toluene-d8 (S)	%	100	99			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

QC Batch: 616001	Analysis Method: EPA 8270E
QC Batch Method: EPA 3546	Analysis Description: 8270E MSSV PAH by SIM
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096001, 92531096003, 92531096004

METHOD BLANK: 3241818 Matrix: Solid

Associated Lab Samples: 92531096001, 92531096003, 92531096004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	10.0	1.0	04/25/21 10:53	
2-Fluorobiphenyl (S)	%	55	31-130		04/25/21 10:53	
Nitrobenzene-d5 (S)	%	56	32-130		04/25/21 10:53	
Terphenyl-d14 (S)	%	53	24-130		04/25/21 10:53	

LABORATORY CONTROL SAMPLE: 3241819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	33.2	26.5	80	44-130	
2-Fluorobiphenyl (S)	%			75	31-130	
Nitrobenzene-d5 (S)	%			76	32-130	
Terphenyl-d14 (S)	%			72	24-130	

MATRIX SPIKE SAMPLE: 3241820

Parameter	Units	92531096001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/kg	10.4J	39.1	30.9	52	10-130	H3
2-Fluorobiphenyl (S)	%				69	31-130	
Nitrobenzene-d5 (S)	%				63	32-130	
Terphenyl-d14 (S)	%				51	24-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

QC Batch: 616170	Analysis Method: EPA 8270E
QC Batch Method: EPA 3546	Analysis Description: 8270E MSSV PAH by SIM
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096002

METHOD BLANK: 3242661 Matrix: Solid

Associated Lab Samples: 92531096002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/kg	ND	9.8	1.0	04/26/21 16:32	
2-Fluorobiphenyl (S)	%	59	31-130		04/26/21 16:32	
Nitrobenzene-d5 (S)	%	57	32-130		04/26/21 16:32	
Terphenyl-d14 (S)	%	55	24-130		04/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3242662 3242663

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	32.8	25.0	23.3	76	71	44-130	7	30	
2-Fluorobiphenyl (S)	%				88	82	31-130			
Nitrobenzene-d5 (S)	%				87	80	32-130			
Terphenyl-d14 (S)	%				78	74	24-130			

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

QC Batch: 615749 Analysis Method: EPA 8270E
QC Batch Method: EPA 3546 Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096001, 92531096002, 92531096003, 92531096004

METHOD BLANK: 3240199 Matrix: Solid
Associated Lab Samples: 92531096001, 92531096002, 92531096003, 92531096004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	327	115	04/26/21 07:19	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	327	155	04/26/21 07:19	
2,4,5-Trichlorophenol	ug/kg	ND	327	150	04/26/21 07:19	
2,4,6-Trichlorophenol	ug/kg	ND	327	135	04/26/21 07:19	
2,4-Dichlorophenol	ug/kg	ND	327	128	04/26/21 07:19	
2,4-Dimethylphenol	ug/kg	ND	327	136	04/26/21 07:19	
2,4-Dinitrophenol	ug/kg	ND	1630	1010	04/26/21 07:19	
2,4-Dinitrotoluene	ug/kg	ND	327	126	04/26/21 07:19	
2,6-Dinitrotoluene	ug/kg	ND	327	120	04/26/21 07:19	
2-Chloronaphthalene	ug/kg	ND	327	130	04/26/21 07:19	
2-Chlorophenol	ug/kg	ND	327	123	04/26/21 07:19	
2-Methylnaphthalene	ug/kg	ND	327	131	04/26/21 07:19	
2-Methylphenol(o-Cresol)	ug/kg	ND	327	134	04/26/21 07:19	
2-Nitroaniline	ug/kg	ND	1630	267	04/26/21 07:19	
2-Nitrophenol	ug/kg	ND	327	142	04/26/21 07:19	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	327	132	04/26/21 07:19	
3,3'-Dichlorobenzidine	ug/kg	ND	653	221	04/26/21 07:19	IL
3-Nitroaniline	ug/kg	ND	1630	256	04/26/21 07:19	
4,6-Dinitro-2-methylphenol	ug/kg	ND	653	305	04/26/21 07:19	
4-Bromophenylphenyl ether	ug/kg	ND	327	126	04/26/21 07:19	
4-Chloro-3-methylphenol	ug/kg	ND	653	230	04/26/21 07:19	
4-Chloroaniline	ug/kg	ND	653	256	04/26/21 07:19	
4-Chlorophenylphenyl ether	ug/kg	ND	327	122	04/26/21 07:19	
4-Nitroaniline	ug/kg	ND	653	249	04/26/21 07:19	
4-Nitrophenol	ug/kg	ND	1630	632	04/26/21 07:19	
Acenaphthene	ug/kg	ND	327	115	04/26/21 07:19	
Acenaphthylene	ug/kg	ND	327	115	04/26/21 07:19	
Aniline	ug/kg	ND	327	128	04/26/21 07:19	
Anthracene	ug/kg	ND	327	107	04/26/21 07:19	
Benzo(a)anthracene	ug/kg	ND	327	109	04/26/21 07:19	
Benzo(b)fluoranthene	ug/kg	ND	327	109	04/26/21 07:19	
Benzo(g,h,i)perylene	ug/kg	ND	327	127	04/26/21 07:19	
Benzo(k)fluoranthene	ug/kg	ND	327	115	04/26/21 07:19	
Benzoic Acid	ug/kg	ND	1630	702	04/26/21 07:19	
Benzyl alcohol	ug/kg	ND	653	248	04/26/21 07:19	
bis(2-Chloroethoxy)methane	ug/kg	ND	327	136	04/26/21 07:19	
bis(2-Chloroethyl) ether	ug/kg	ND	327	123	04/26/21 07:19	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	327	127	04/26/21 07:19	
Butylbenzylphthalate	ug/kg	ND	327	138	04/26/21 07:19	
Chrysene	ug/kg	ND	327	119	04/26/21 07:19	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

METHOD BLANK: 3240199

Matrix: Solid

Associated Lab Samples: 92531096001, 92531096002, 92531096003, 92531096004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/kg	ND	327	110	04/26/21 07:19	
Di-n-octylphthalate	ug/kg	ND	327	129	04/26/21 07:19	
Dibenz(a,h)anthracene	ug/kg	ND	327	126	04/26/21 07:19	
Dibenzofuran	ug/kg	ND	327	118	04/26/21 07:19	
Diethylphthalate	ug/kg	ND	327	120	04/26/21 07:19	
Dimethylphthalate	ug/kg	ND	327	119	04/26/21 07:19	
Fluoranthene	ug/kg	ND	327	112	04/26/21 07:19	
Fluorene	ug/kg	ND	327	115	04/26/21 07:19	
Hexachlorobenzene	ug/kg	ND	327	128	04/26/21 07:19	
Hexachlorocyclopentadiene	ug/kg	ND	327	187	04/26/21 07:19	
Hexachloroethane	ug/kg	ND	327	125	04/26/21 07:19	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	327	129	04/26/21 07:19	
Isophorone	ug/kg	ND	327	146	04/26/21 07:19	
N-Nitroso-di-n-propylamine	ug/kg	ND	327	123	04/26/21 07:19	
N-Nitrosodimethylamine	ug/kg	ND	327	110	04/26/21 07:19	
N-Nitrosodiphenylamine	ug/kg	ND	327	116	04/26/21 07:19	
Nitrobenzene	ug/kg	ND	327	151	04/26/21 07:19	
Pentachlorophenol	ug/kg	ND	653	320	04/26/21 07:19	
Phenanthrene	ug/kg	ND	327	107	04/26/21 07:19	
Phenol	ug/kg	ND	327	146	04/26/21 07:19	
Pyrene	ug/kg	ND	327	133	04/26/21 07:19	
Pyridine	ug/kg	ND	327	103	04/26/21 07:19	
2,4,6-Tribromophenol (S)	%	74	18-130		04/26/21 07:19	
2-Fluorobiphenyl (S)	%	69	19-130		04/26/21 07:19	
2-Fluorophenol (S)	%	67	18-130		04/26/21 07:19	
Nitrobenzene-d5 (S)	%	70	21-130		04/26/21 07:19	
Phenol-d6 (S)	%	68	18-130		04/26/21 07:19	
Terphenyl-d14 (S)	%	69	15-130		04/26/21 07:19	

LABORATORY CONTROL SAMPLE: 3240200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1640	1350	82	54-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1640	1340	81	38-130	
2,4,5-Trichlorophenol	ug/kg	1640	1410	86	49-130	
2,4,6-Trichlorophenol	ug/kg	1640	1370	83	50-130	
2,4-Dichlorophenol	ug/kg	1640	1380	84	51-130	
2,4-Dimethylphenol	ug/kg	1640	1390	85	53-130	
2,4-Dinitrophenol	ug/kg	8220	7110	86	39-130	
2,4-Dinitrotoluene	ug/kg	1640	1310	79	53-130	
2,6-Dinitrotoluene	ug/kg	1640	1310	79	55-130	
2-Chloronaphthalene	ug/kg	1640	1290	79	48-130	
2-Chlorophenol	ug/kg	1640	1310	79	54-130	
2-Methylnaphthalene	ug/kg	1640	1350	82	57-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3240200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Methylphenol(o-Cresol)	ug/kg	1640	1340	81	50-130	
2-Nitroaniline	ug/kg	3290	2890	88	49-130	
2-Nitrophenol	ug/kg	1640	1400	85	50-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1640	1340	81	50-130	
3,3'-Dichlorobenzidine	ug/kg	3290	2540	77	47-130	IL
3-Nitroaniline	ug/kg	3290	2770	84	45-130	
4,6-Dinitro-2-methylphenol	ug/kg	3290	3170	96	50-142	
4-Bromophenylphenyl ether	ug/kg	1640	1450	88	55-130	
4-Chloro-3-methylphenol	ug/kg	3290	2750	84	52-130	
4-Chloroaniline	ug/kg	3290	2540	77	49-130	
4-Chlorophenylphenyl ether	ug/kg	1640	1360	83	53-130	
4-Nitroaniline	ug/kg	3290	2550	78	51-130	
4-Nitrophenol	ug/kg	8220	7020	85	40-130	
Acenaphthene	ug/kg	1640	1390	84	56-130	
Acenaphthylene	ug/kg	1640	1400	85	58-130	
Aniline	ug/kg	1640	1190	72	44-130	
Anthracene	ug/kg	1640	1400	85	60-130	
Benzo(a)anthracene	ug/kg	1640	1450	88	59-130	
Benzo(b)fluoranthene	ug/kg	1640	1460	89	54-130	
Benzo(g,h,i)perylene	ug/kg	1640	1470	89	59-130	
Benzo(k)fluoranthene	ug/kg	1640	1460	89	54-130	
Benzoic Acid	ug/kg	8220	5600	68	19-130	
Benzyl alcohol	ug/kg	3290	2620	80	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1640	1340	82	55-130	
bis(2-Chloroethyl) ether	ug/kg	1640	1360	83	53-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1640	1440	88	58-130	
Butylbenzylphthalate	ug/kg	1640	1490	90	46-138	
Chrysene	ug/kg	1640	1450	88	57-130	
Di-n-butylphthalate	ug/kg	1640	1400	85	57-130	
Di-n-octylphthalate	ug/kg	1640	1420	86	57-130	
Dibenz(a,h)anthracene	ug/kg	1640	1440	87	60-130	
Dibenzofuran	ug/kg	1640	1320	80	54-130	
Diethylphthalate	ug/kg	1640	1350	82	55-130	
Dimethylphthalate	ug/kg	1640	1360	83	57-130	
Fluoranthene	ug/kg	1640	1380	84	57-130	
Fluorene	ug/kg	1640	1370	83	56-130	
Hexachlorobenzene	ug/kg	1640	1380	84	53-130	
Hexachlorocyclopentadiene	ug/kg	1640	1260	77	23-130	
Hexachloroethane	ug/kg	1640	1280	78	48-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1640	1490	91	61-130	
Isophorone	ug/kg	1640	1360	82	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1640	1300	79	52-130	
N-Nitrosodimethylamine	ug/kg	1640	1350	82	45-130	
N-Nitrosodiphenylamine	ug/kg	1640	1440	87	56-130	
Nitrobenzene	ug/kg	1640	1330	81	50-130	
Pentachlorophenol	ug/kg	3290	2980	91	33-130	
Phenanthrene	ug/kg	1640	1430	87	60-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

LABORATORY CONTROL SAMPLE: 3240200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenol	ug/kg	1640	1310	79	54-130	
Pyrene	ug/kg	1640	1520	92	61-130	
Pyridine	ug/kg	1640	1030	63	35-130	
2,4,6-Tribromophenol (S)	%			92	18-130	
2-Fluorobiphenyl (S)	%			81	19-130	
2-Fluorophenol (S)	%			78	18-130	
Nitrobenzene-d5 (S)	%			81	21-130	
Phenol-d6 (S)	%			78	18-130	
Terphenyl-d14 (S)	%			78	15-130	

MATRIX SPIKE SAMPLE: 3240201

Parameter	Units	92534135002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	ND	2160	1690	78	30-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2160	1680	77	30-130	
2,4,5-Trichlorophenol	ug/kg	ND	2160	1790	83	26-130	
2,4,6-Trichlorophenol	ug/kg	ND	2160	1730	80	23-130	
2,4-Dichlorophenol	ug/kg	ND	2160	1700	79	29-130	
2,4-Dimethylphenol	ug/kg	ND	2160	1740	80	13-130	
2,4-Dinitrophenol	ug/kg	ND	10800	4430	41	10-131	
2,4-Dinitrotoluene	ug/kg	ND	2160	1670	77	28-130	
2,6-Dinitrotoluene	ug/kg	ND	2160	1670	77	36-130	
2-Chloronaphthalene	ug/kg	ND	2160	1710	79	27-130	
2-Chlorophenol	ug/kg	ND	2160	1650	76	29-130	
2-Methylnaphthalene	ug/kg	ND	2160	1700	78	29-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	2160	1640	76	20-130	
2-Nitroaniline	ug/kg	ND	4340	3660	84	29-130	
2-Nitrophenol	ug/kg	ND	2160	1760	81	26-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2160	1600	74	10-176	
3,3'-Dichlorobenzidine	ug/kg	ND	4340	3370	78	15-130 IL	
3-Nitroaniline	ug/kg	ND	4340	3530	81	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	4340	3790	87	15-132	
4-Bromophenylphenyl ether	ug/kg	ND	2160	1820	84	35-130	
4-Chloro-3-methylphenol	ug/kg	ND	4340	3310	76	30-130	
4-Chloroaniline	ug/kg	ND	4340	3220	74	28-130	
4-Chlorophenylphenyl ether	ug/kg	ND	2160	1700	79	32-130	
4-Nitroaniline	ug/kg	ND	4340	3330	77	30-130	
4-Nitrophenol	ug/kg	ND	10800	8520	79	17-130	
Acenaphthene	ug/kg	ND	2160	1790	82	29-130	
Acenaphthylene	ug/kg	ND	2160	1790	83	31-130	
Aniline	ug/kg	ND	2160	1540	71	10-130	
Anthracene	ug/kg	ND	2160	1780	82	33-130	
Benzo(a)anthracene	ug/kg	ND	2160	1790	83	32-130	
Benzo(b)fluoranthene	ug/kg	ND	2160	1690	78	33-130	
Benzo(g,h,i)perylene	ug/kg	ND	2160	1920	89	28-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92531096

MATRIX SPIKE SAMPLE: 3240201		92534135002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Benzo(k)fluoranthene	ug/kg	ND	2160	1690	78	31-130	
Benzoic Acid	ug/kg	ND	10800	ND	1	10-130	M1
Benzyl alcohol	ug/kg	ND	4340	3170	73	31-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	2160	1680	78	30-130	
bis(2-Chloroethyl) ether	ug/kg	ND	2160	1760	81	68-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2160	1770	82	40-130	
Butylbenzylphthalate	ug/kg	ND	2160	1780	82	40-130	
Chrysene	ug/kg	ND	2160	1810	83	30-130	
Di-n-butylphthalate	ug/kg	ND	2160	1800	83	41-130	
Di-n-octylphthalate	ug/kg	ND	2160	1810	84	42-130	
Dibenz(a,h)anthracene	ug/kg	ND	2160	1850	85	27-130	
Dibenzofuran	ug/kg	ND	2160	1700	78	32-130	
Diethylphthalate	ug/kg	ND	2160	1710	79	40-130	
Dimethylphthalate	ug/kg	ND	2160	1740	80	37-130	
Fluoranthene	ug/kg	ND	2160	1810	83	26-130	
Fluorene	ug/kg	ND	2160	1740	80	31-130	
Hexachlorobenzene	ug/kg	ND	2160	1730	80	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	2160	1590	73	10-130	
Hexachloroethane	ug/kg	ND	2160	1660	77	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2160	1930	89	28-130	
Isophorone	ug/kg	ND	2160	1700	79	32-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	2160	1580	73	31-130	
N-Nitrosodimethylamine	ug/kg	ND	2160	1720	79	20-130	
N-Nitrosodiphenylamine	ug/kg	ND	2160	1860	86	32-130	
Nitrobenzene	ug/kg	ND	2160	1730	80	25-130	
Pentachlorophenol	ug/kg	ND	4340	3720	86	10-130	
Phenanthrene	ug/kg	ND	2160	1850	85	34-130	
Phenol	ug/kg	ND	2160	1590	73	14-130	
Pyrene	ug/kg	ND	2160	1790	82	31-130	
Pyridine	ug/kg	ND	2160	1440	67	10-130	
2,4,6-Tribromophenol (S)	%				83	18-130	
2-Fluorobiphenyl (S)	%				76	19-130	
2-Fluorophenol (S)	%				73	18-130	
Nitrobenzene-d5 (S)	%				76	21-130	
Phenol-d6 (S)	%				69	18-130	
Terphenyl-d14 (S)	%				64	15-130	

SAMPLE DUPLICATE: 3240202

Parameter	Units	92534135002	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
1-Methylnaphthalene	ug/kg	ND	ND		30	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		30	
2,4,5-Trichlorophenol	ug/kg	ND	ND		30	
2,4,6-Trichlorophenol	ug/kg	ND	ND		30	
2,4-Dichlorophenol	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

SAMPLE DUPLICATE: 3240202

Parameter	Units	92534135002 Result	Dup Result	RPD	Max RPD	Qualifiers
2,4-Dimethylphenol	ug/kg	ND	ND		30	
2,4-Dinitrophenol	ug/kg	ND	ND		30	
2,4-Dinitrotoluene	ug/kg	ND	ND		30	
2,6-Dinitrotoluene	ug/kg	ND	ND		30	
2-Chloronaphthalene	ug/kg	ND	ND		30	
2-Chlorophenol	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		30	
2-Nitroaniline	ug/kg	ND	ND		30	
2-Nitrophenol	ug/kg	ND	ND		30	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		30	
3,3'-Dichlorobenzidine	ug/kg	ND	ND		30	IL
3-Nitroaniline	ug/kg	ND	ND		30	
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		30	
4-Bromophenylphenyl ether	ug/kg	ND	ND		30	
4-Chloro-3-methylphenol	ug/kg	ND	ND		30	
4-Chloroaniline	ug/kg	ND	ND		30	
4-Chlorophenylphenyl ether	ug/kg	ND	ND		30	
4-Nitroaniline	ug/kg	ND	ND		30	
4-Nitrophenol	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Aniline	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Benzoic Acid	ug/kg	ND	ND		30	
Benzyl alcohol	ug/kg	ND	ND		30	
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		30	
bis(2-Chloroethyl) ether	ug/kg	ND	ND		30	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		30	
Butylbenzylphthalate	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Di-n-butylphthalate	ug/kg	ND	ND		30	
Di-n-octylphthalate	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Dibenzofuran	ug/kg	ND	ND		30	
Diethylphthalate	ug/kg	ND	ND		30	
Dimethylphthalate	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Hexachlorobenzene	ug/kg	ND	ND		30	
Hexachlorocyclopentadiene	ug/kg	ND	ND		30	
Hexachloroethane	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

SAMPLE DUPLICATE: 3240202

Parameter	Units	92534135002 Result	Dup Result	RPD	Max RPD	Qualifiers
Isophorone	ug/kg	ND	ND		30	
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		30	
N-Nitrosodimethylamine	ug/kg	ND	ND		30	
N-Nitrosodiphenylamine	ug/kg	ND	ND		30	
Nitrobenzene	ug/kg	ND	ND		30	
Pentachlorophenol	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Phenol	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
Pyridine	ug/kg	ND	ND		30	
2,4,6-Tribromophenol (S)	%	69	69			
2-Fluorobiphenyl (S)	%	65	67			
2-Fluorophenol (S)	%	63	63			
Nitrobenzene-d5 (S)	%	66	68			
Phenol-d6 (S)	%	63	65			
Terphenyl-d14 (S)	%	60	61			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

QC Batch: 615599

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531096001, 92531096002, 92531096003, 92531096004

SAMPLE DUPLICATE: 3239497

Parameter	Units	92531096001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.5	12.9	12	25	N2

SAMPLE DUPLICATE: 3239498

Parameter	Units	92534511002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	90.8	90.8	0	25	N2

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

H1	Analysis conducted outside the EPA method holding time.
H3	Sample was received or analysis requested beyond the recognized method holding time.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92531096

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531096001	RI-SB-31_SO_0.5-1.0_20210317	EPA 3546	616001	EPA 8270E	616024
92531096002	RI-SB-31_SO_5.5-6.0_20210317	EPA 3546	616170	EPA 8270E	616306
92531096003	RI-SB-32_SO_0.5-1.0_20210317	EPA 3546	616001	EPA 8270E	616024
92531096004	RI-SB-32_SO_5.5-6.0_20210317	EPA 3546	616001	EPA 8270E	616024
92531096001	RI-SB-31_SO_0.5-1.0_20210317	EPA 3546	615749	EPA 8270E	616064
92531096002	RI-SB-31_SO_5.5-6.0_20210317	EPA 3546	615749	EPA 8270E	616064
92531096003	RI-SB-32_SO_0.5-1.0_20210317	EPA 3546	615749	EPA 8270E	616064
92531096004	RI-SB-32_SO_5.5-6.0_20210317	EPA 3546	615749	EPA 8270E	616064
92531096005	TRIP BLANK	EPA 8260D	615558		
92531096001	RI-SB-31_SO_0.5-1.0_20210317	EPA 5035A/5030B	615494	EPA 8260D	615540
92531096002	RI-SB-31_SO_5.5-6.0_20210317	EPA 5035A/5030B	616269	EPA 8260D	616422
92531096003	RI-SB-32_SO_0.5-1.0_20210317	EPA 5035A/5030B	615494	EPA 8260D	615540
92531096004	RI-SB-32_SO_5.5-6.0_20210317	EPA 5035A/5030B	615494	EPA 8260D	615540
92531096001	RI-SB-31_SO_0.5-1.0_20210317	SW-846	615599		
92531096002	RI-SB-31_SO_5.5-6.0_20210317	SW-846	615599		
92531096003	RI-SB-32_SO_0.5-1.0_20210317	SW-846	615599		
92531096004	RI-SB-32_SO_5.5-6.0_20210317	SW-846	615599		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
 Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
 Page 1 of 2
 Issuing Authority:
 Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition
 Upon Receipt

Client Name:

SYnterra

Project #:

WO# : 92531096

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____



Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: *4-5-21 UE*

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen?

Thermometer: IR Gun ID: *921064* Type of Ice: Wet Blue None

Yes No N/A

Cooler Temp: *1.7* Correction Factor: Add/Subtract (°C) *0.0*°C

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): *1.7*

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

Yes No *3/21*

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <i>SL, WT</i>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2

Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92531096

PM: KLH1

Due Date: 04/09/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: **Section B** Required Project Information: **Section C** Invoice Information:

Company: Syntherra	Report To: Tom King	Attention:
Address: 148 River Street	Copy To: Heather Smith	Company Name:
Suite 220, Greenville, SC 29601	Purchase Order #:	Address:
Email To: tking@syntherracorp.com	Project Name: Former Bramlette MGP	Page Quote:
Phone: _____ Fax: _____	Project Number: 00.2731.00.08	Page Project Manager: Kevin Herring
Requested Due Date: 3-DAY TAT		Page Profile #: 7754
		Requested Analysis Filtered (Y/N)
		Regulatory Agency: _____
		State / Location: SC

ITEM #	SAMPLE ID <small>One Character per box. (A-Z, 0-9 /, -) Sample Ids must be unique</small>	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				PRESERVATIVES								ANALYSES TEST				Residual Chlorine (Y/N)	SAMPLE CONDITIONS																	
				DATE	TIME	DATE	TIME																															
1	RI-SB-31_SO_0.5-1.0_20210317	SL C	C	3/17/2021	1025	--	--	4										X	X	X																		
2	RI-SB-31_SO_5.5-6.0_20210317	SL C	C	3/17/2021	1030	--	--	4											X	X	X																	
3	RI-SB-32_SO_0.5-1.0_20210317	SL C	C	3/17/2021	1050	--	--	4											X	X	X																	
4	RI-SB-32_SO_5.5-6.0_20210317	SL C	C	3/17/2021	1055	--	--	4											X	X	X																	
5	TRIP BLANK	WT		--	--	--	--	2	X																													
6																																						
7																																						
8																																						
9																																						
10																																						
11																																						
12																																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
*Ca, Mg, Fe, Mn + Hardness	[Signature]	4-8-21	9:40	[Signature]	4-2-21	12:05	17	Y	N	Y
	[Signature]	4-2-21	1830	[Signature]	4-5-21	8:00				

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: _____
SIGNATURE of SAMPLER: _____
DATE Signed: _____

April 01, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92529550001	SW-12_WS_20210323	Water	03/23/21 09:05	03/24/21 11:17
92529550002	SW-11_WS_20210323	Water	03/23/21 09:20	03/24/21 11:17
92529550003	SW-10_WS_20210323	Water	03/23/21 09:45	03/24/21 11:17
92529550004	SW-9_WS_20210323	Water	03/23/21 10:05	03/24/21 11:17
92529550005	SW-8_WS_20210323	Water	03/23/21 10:25	03/24/21 11:17
92529550006	SW-7_WS_20210323	Water	03/23/21 10:35	03/24/21 11:17
92529550007	SW-1_WS_20210323	Water	03/23/21 10:50	03/24/21 11:17
92529550008	SW-2_WS_20210323	Water	03/23/21 11:05	03/24/21 11:17
92529550009	SW-3_WS_20210323	Water	03/23/21 11:15	03/24/21 11:17
92529550010	SW-4_WS_20210323	Water	03/23/21 13:10	03/24/21 11:17
92529550011	SW-5_WS_20210323	Water	03/23/21 13:30	03/24/21 11:17
92529550012	SW-13_WS_20210323	Water	03/23/21 13:45	03/24/21 11:17
92529550013	SW-6_WS_20210323	Water	03/23/21 14:00	03/24/21 11:17
92529550014	SW-17_WS_20210323	Water	03/23/21 14:25	03/24/21 11:17
92529550015	SW-16_WS_20210323	Water	03/23/21 14:40	03/24/21 11:17
92529550016	SW-15_WS_20210323	Water	03/23/21 14:55	03/24/21 11:17
92529550017	SW-14_WS_20210323	Water	03/23/21 15:10	03/24/21 11:17
92529550018	FB-06_WS_20210323	Water	03/23/21 15:30	03/24/21 11:17
92529550019	TB-11_WS_20210323	Water	03/23/21 00:00	03/24/21 11:17
92529550020	TB-12_WS_20210323	Water	03/23/21 00:00	03/24/21 11:17

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529550001	SW-12_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550002	SW-11_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550003	SW-10_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550004	SW-9_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550005	SW-8_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550006	SW-7_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550007	SW-1_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550008	SW-2_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550009	SW-3_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550010	SW-4_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550011	SW-5_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550012	SW-13_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550013	SW-6_WS_20210323	EPA 8270E	PKS	67	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92529550014	SW-17_WS_20210323	EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92529550015	SW-16_WS_20210323	EPA 8260D	SAS	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550016	SW-15_WS_20210323	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
92529550017	SW-14_WS_20210323	EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
92529550018	FB-06_WS_20210323	EPA 8260D	SAS	62	PASI-C
		EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92529550019	TB-11_WS_20210323	EPA 8260D	SAS	62	PASI-C
92529550020	TB-12_WS_20210323	EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92529550007	SW-1_WS_20210323					
EPA 8260D	Naphthalene	0.87J	ug/L	1.0	03/25/21 17:51	
92529550011	SW-5_WS_20210323					
EPA 8270E	Pyrene	2.2J	ug/L	10.0	03/28/21 20:11	
EPA 8270E by SIM	Benzo(a)pyrene	0.58	ug/L	0.10	03/30/21 14:08	
92529550013	SW-6_WS_20210323					
EPA 8260D	Naphthalene	1.1	ug/L	1.0	03/25/21 19:37	

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

General Information:

18 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609801

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- FB-06_WS_20210323 (Lab ID: 92529550018)
 - 2-Nitrophenol
- SW-14_WS_20210323 (Lab ID: 92529550017)
 - 2-Nitrophenol
- SW-15_WS_20210323 (Lab ID: 92529550016)
 - 2-Nitrophenol
- SW-16_WS_20210323 (Lab ID: 92529550015)
 - 2-Nitrophenol
- SW-17_WS_20210323 (Lab ID: 92529550014)
 - 2-Nitrophenol

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 01, 2021

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609801

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529550001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3211764)
 - 2,4-Dinitrophenol
 - 4,6-Dinitro-2-methylphenol
 - 4-Nitrophenol
 - Benzoic Acid
 - Pentachlorophenol
- MSD (Lab ID: 3211765)
 - 2,4-Dinitrophenol
 - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3211765)
 - 1-Methylnaphthalene
 - 2,2'-Oxybis(1-chloropropane)
 - 2,4,5-Trichlorophenol
 - 2,4-Dimethylphenol
 - 2-Chloronaphthalene
 - 2-Methylnaphthalene
 - 2-Methylphenol(o-Cresol)
 - 3&4-Methylphenol(m&p Cresol)
 - 4-Chloroaniline
 - Acenaphthene
 - Acenaphthylene
 - Aniline
 - Benzyl alcohol
 - Dibenzofuran
 - Hexachlorocyclopentadiene
 - Hexachloroethane
 - Isophorone
 - N-Nitroso-di-n-propylamine
 - N-Nitrosodimethylamine
 - Nitrobenzene
 - bis(2-Chloroethoxy)methane
 - bis(2-Chloroethyl) ether

QC Batch: 610114

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529686001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3212858)
 - 2,4-Dinitrophenol

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Method: EPA 8270E

Description: 8270E RVE

Client: Duke Energy

Date: April 01, 2021

QC Batch: 610114

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529686001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 3212858)
 - 2,4,5-Trichlorophenol
 - 2,4,6-Trichlorophenol
 - 4,6-Dinitro-2-methylphenol
 - Pentachlorophenol

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Method: EPA 8270E by SIM

Description: 8270E Low Volume PAH SIM

Client: Duke Energy

Date: April 01, 2021

General Information:

18 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 609834

S0: Surrogate recovery outside laboratory control limits.

- SW-17_WS_20210323 (Lab ID: 92529550014)
- Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 01, 2021

General Information:

20 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609283

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3209199)
 - Vinyl acetate
- FB-06_WS_20210323 (Lab ID: 92529550018)
 - Vinyl acetate
- LCS (Lab ID: 3209200)
 - Vinyl acetate
- SW-11_WS_20210323 (Lab ID: 92529550002)
 - Vinyl acetate
- SW-12_WS_20210323 (Lab ID: 92529550001)
 - Vinyl acetate
- SW-13_WS_20210323 (Lab ID: 92529550012)
 - Vinyl acetate
- SW-14_WS_20210323 (Lab ID: 92529550017)
 - Vinyl acetate
- SW-15_WS_20210323 (Lab ID: 92529550016)
 - Vinyl acetate
- SW-16_WS_20210323 (Lab ID: 92529550015)
 - Vinyl acetate
- SW-17_WS_20210323 (Lab ID: 92529550014)
 - Vinyl acetate
- SW-1_WS_20210323 (Lab ID: 92529550007)
 - Vinyl acetate
- SW-2_WS_20210323 (Lab ID: 92529550008)
 - Vinyl acetate
- SW-3_WS_20210323 (Lab ID: 92529550009)
 - Vinyl acetate
- SW-4_WS_20210323 (Lab ID: 92529550010)
 - Vinyl acetate
- SW-5_WS_20210323 (Lab ID: 92529550011)
 - Vinyl acetate
- SW-6_WS_20210323 (Lab ID: 92529550013)
 - Vinyl acetate

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609283

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- SW-7_WS_20210323 (Lab ID: 92529550006)
 - Vinyl acetate
- SW-8_WS_20210323 (Lab ID: 92529550005)
 - Vinyl acetate
- SW-9_WS_20210323 (Lab ID: 92529550004)
 - Vinyl acetate
- TB-11_WS_20210323 (Lab ID: 92529550019)
 - Vinyl acetate
- TB-12_WS_20210323 (Lab ID: 92529550020)
 - Vinyl acetate

QC Batch: 609286

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- MS (Lab ID: 3209216)
 - Vinyl acetate
- MSD (Lab ID: 3209217)
 - Vinyl acetate

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 609286

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- MS (Lab ID: 3209216)
 - 2-Hexanone
 - Acetone
- MSD (Lab ID: 3209217)
 - 2-Hexanone
 - Acetone

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3209214)
 - Diisopropyl ether
 - Methylene Chloride
- SW-10_WS_20210323 (Lab ID: 92529550003)
 - Diisopropyl ether
 - Methylene Chloride

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3209215)
 - Diisopropyl ether
 - Methylene Chloride

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 01, 2021

QC Batch: 609286

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- MS (Lab ID: 3209216)
 - Bromomethane
- MSD (Lab ID: 3209217)
 - Bromomethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 609283

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92529550002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3209201)
 - 2-Butanone (MEK)
 - Vinyl acetate

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-12_WS_20210323 Lab ID: 92529550001 Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	83-32-9	R1
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	208-96-8	R1
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	62-53-3	R1
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 15:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 15:06	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 15:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 15:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 15:06	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 15:06	65-85-0	M1
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 15:06	100-51-6	R1
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 15:06	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 15:06	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 15:06	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 15:06	106-47-8	R1
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 15:06	111-91-1	R1
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	111-44-4	R1
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	91-58-7	R1
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 15:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 15:06	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	132-64-9	R1
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 15:06	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	105-67-9	R1
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 15:06	534-52-1	M1
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 15:06	51-28-5	M1
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 15:06	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 15:06	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 15:06	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	77-47-4	R1
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	67-72-1	R1
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 15:06	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 15:06	78-59-1	R1
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	90-12-0	R1
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	91-57-6	R1
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	95-48-7	R1
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	15831-10-4	R1

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-12_WS_20210323 **Lab ID:** 92529550001 Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 15:06	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 15:06	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 15:06	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	98-95-3	R1
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 15:06	100-02-7	M1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 15:06	62-75-9	R1
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 15:06	621-64-7	R1
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 15:06	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 15:06	108-60-1	R1
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 15:06	87-86-5	M1
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 15:06	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 15:06	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 15:06	95-95-4	R1
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 15:06	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	108	%	10-144		1	03/27/21 16:46	03/28/21 15:06	4165-60-0	
2-Fluorobiphenyl (S)	102	%	10-130		1	03/27/21 16:46	03/28/21 15:06	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 15:06	1718-51-0	
Phenol-d6 (S)	62	%	10-130		1	03/27/21 16:46	03/28/21 15:06	13127-88-3	
2-Fluorophenol (S)	79	%	10-130		1	03/27/21 16:46	03/28/21 15:06	367-12-4	
2,4,6-Tribromophenol (S)	123	%	10-144		1	03/27/21 16:46	03/28/21 15:06	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 10:40	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	67-170		1	03/28/21 15:16	03/29/21 10:40	4165-60-0	
2-Fluorobiphenyl (S)	114	%	61-163		1	03/28/21 15:16	03/29/21 10:40	321-60-8	
Terphenyl-d14 (S)	101	%	62-169		1	03/28/21 15:16	03/29/21 10:40	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 21:04	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 21:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 21:04	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 21:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 21:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 21:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 21:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 21:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-12_WS_20210323 Lab ID: 92529550001 Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 21:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 21:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 21:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 21:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 21:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 21:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 21:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 21:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 21:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 21:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 21:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 21:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 21:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 21:04	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 21:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 21:04	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 21:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 21:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 21:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 21:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 21:04	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 21:04	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-12_WS_20210323 Lab ID: 92529550001 Collected: 03/23/21 09:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 21:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 21:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 21:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		03/25/21 21:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		03/25/21 21:04	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/25/21 21:04	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID:** 92529550002 Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 16:22	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 16:22	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 16:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 16:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 16:22	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 16:22	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 16:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 16:22	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 16:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 16:22	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 16:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 16:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 16:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 16:22	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 16:22	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 16:22	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 16:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 16:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 16:22	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 16:22	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 16:22	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 16:22	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID:** 92529550002 Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 16:22	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 16:22	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 16:22	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 16:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 16:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 16:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 16:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 16:22	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 16:22	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 16:22	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 16:22	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 16:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 16:22	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	90	%	10-144		1	03/27/21 16:46	03/28/21 16:22	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/27/21 16:46	03/28/21 16:22	321-60-8	
Terphenyl-d14 (S)	92	%	34-163		1	03/27/21 16:46	03/28/21 16:22	1718-51-0	
Phenol-d6 (S)	42	%	10-130		1	03/27/21 16:46	03/28/21 16:22	13127-88-3	
2-Fluorophenol (S)	29	%	10-130		1	03/27/21 16:46	03/28/21 16:22	367-12-4	
2,4,6-Tribromophenol (S)	28	%	10-144		1	03/27/21 16:46	03/28/21 16:22	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 11:23	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	97	%	67-170		1	03/28/21 15:16	03/29/21 11:23	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	03/28/21 15:16	03/29/21 11:23	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/28/21 15:16	03/29/21 11:23	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 21:21	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 21:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 21:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 21:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 21:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 21:21	78-93-3	M1
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 21:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 21:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 21:21	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-11_WS_20210323 Lab ID: 92529550002 Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 21:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 21:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 21:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 21:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 21:21	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 21:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 21:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 21:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 21:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 21:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 21:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 21:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 21:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 21:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 21:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 21:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 21:21	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 21:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 21:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 21:21	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 21:21	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 21:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 21:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 21:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 21:21	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 21:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 21:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 21:21	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 21:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 21:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 21:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 21:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 21:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 21:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 21:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 21:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 21:21	108-05-4	IK,M1
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 21:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-11_WS_20210323 **Lab ID:** 92529550002 Collected: 03/23/21 09:20 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 21:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 21:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 21:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 21:21	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 21:21	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 21:21	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-10_WS_20210323 Lab ID: 92529550003 Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/30/21 10:51	03/31/21 09:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/30/21 10:51	03/31/21 09:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/30/21 10:51	03/31/21 09:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/30/21 10:51	03/31/21 09:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/30/21 10:51	03/31/21 09:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/30/21 10:51	03/31/21 09:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/30/21 10:51	03/31/21 09:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/30/21 10:51	03/31/21 09:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/30/21 10:51	03/31/21 09:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/30/21 10:51	03/31/21 09:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/30/21 10:51	03/31/21 09:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/30/21 10:51	03/31/21 09:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:08	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/30/21 10:51	03/31/21 09:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:08	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID:** 92529550003 Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/30/21 10:51	03/31/21 09:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/30/21 10:51	03/31/21 09:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/30/21 10:51	03/31/21 09:08	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/30/21 10:51	03/31/21 09:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:08	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	94	%	10-144		1	03/30/21 10:51	03/31/21 09:08	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	03/30/21 10:51	03/31/21 09:08	321-60-8	
Terphenyl-d14 (S)	132	%	34-163		1	03/30/21 10:51	03/31/21 09:08	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/30/21 10:51	03/31/21 09:08	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/30/21 10:51	03/31/21 09:08	367-12-4	
2,4,6-Tribromophenol (S)	101	%	10-144		1	03/30/21 10:51	03/31/21 09:08	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 12:28	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/28/21 15:16	03/29/21 12:28	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/28/21 15:16	03/29/21 12:28	321-60-8	
Terphenyl-d14 (S)	108	%	62-169		1	03/28/21 15:16	03/29/21 12:28	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/26/21 14:36	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/26/21 14:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/26/21 14:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/26/21 14:36	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/26/21 14:36	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/26/21 14:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/26/21 14:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/26/21 14:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/26/21 14:36	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-10_WS_20210323 Lab ID: 92529550003 Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/26/21 14:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/26/21 14:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/21 14:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/26/21 14:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/26/21 14:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/26/21 14:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/26/21 14:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/26/21 14:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/26/21 14:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/26/21 14:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/26/21 14:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/26/21 14:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/26/21 14:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/26/21 14:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/26/21 14:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/26/21 14:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/26/21 14:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/26/21 14:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/21 14:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/26/21 14:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/26/21 14:36	108-20-3	v2
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/26/21 14:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/26/21 14:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/26/21 14:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/26/21 14:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/26/21 14:36	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/26/21 14:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/26/21 14:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/26/21 14:36	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/26/21 14:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/26/21 14:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/26/21 14:36	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/26/21 14:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/26/21 14:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/26/21 14:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/26/21 14:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/26/21 14:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/26/21 14:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/26/21 14:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/26/21 14:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/26/21 14:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/26/21 14:36	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-10_WS_20210323 **Lab ID:** 92529550003 Collected: 03/23/21 09:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/26/21 14:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/26/21 14:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/26/21 14:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		03/26/21 14:36	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		03/26/21 14:36	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		03/26/21 14:36	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/30/21 10:51	03/31/21 09:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:34	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/30/21 10:51	03/31/21 09:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/30/21 10:51	03/31/21 09:34	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/30/21 10:51	03/31/21 09:34	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/30/21 10:51	03/31/21 09:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/30/21 10:51	03/31/21 09:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/30/21 10:51	03/31/21 09:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/30/21 10:51	03/31/21 09:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/30/21 10:51	03/31/21 09:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/30/21 10:51	03/31/21 09:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/30/21 10:51	03/31/21 09:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/30/21 10:51	03/31/21 09:34	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/30/21 10:51	03/31/21 09:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/30/21 10:51	03/31/21 09:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/30/21 10:51	03/31/21 09:34	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/30/21 10:51	03/31/21 09:34	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/30/21 10:51	03/31/21 09:34	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/30/21 10:51	03/31/21 09:34	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID:** 92529550004 Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/30/21 10:51	03/31/21 09:34	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/30/21 10:51	03/31/21 09:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/30/21 10:51	03/31/21 09:34	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/30/21 10:51	03/31/21 09:34	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/30/21 10:51	03/31/21 09:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/30/21 10:51	03/31/21 09:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/30/21 10:51	03/31/21 09:34	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/30/21 10:51	03/31/21 09:34	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/30/21 10:51	03/31/21 09:34	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/30/21 10:51	03/31/21 09:34	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/30/21 10:51	03/31/21 09:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/30/21 10:51	03/31/21 09:34	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	87	%	10-144		1	03/30/21 10:51	03/31/21 09:34	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-130		1	03/30/21 10:51	03/31/21 09:34	321-60-8	
Terphenyl-d14 (S)	128	%	34-163		1	03/30/21 10:51	03/31/21 09:34	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	03/30/21 10:51	03/31/21 09:34	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	03/30/21 10:51	03/31/21 09:34	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	03/30/21 10:51	03/31/21 09:34	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 12:50	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	90	%	67-170		1	03/28/21 15:16	03/29/21 12:50	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/28/21 15:16	03/29/21 12:50	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/28/21 15:16	03/29/21 12:50	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:59	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:59	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **SW-9_WS_20210323** Lab ID: **92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:59	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:59	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:59	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:59	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-9_WS_20210323 **Lab ID: 92529550004** Collected: 03/23/21 10:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-130		1		03/25/21 16:59	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 16:59	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-8_WS_20210323 Lab ID: 92529550005 Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 17:39	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 17:39	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 17:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 17:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 17:39	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 17:39	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 17:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 17:39	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 17:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 17:39	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 17:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 17:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 17:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 17:39	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 17:39	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 17:39	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 17:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 17:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 17:39	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 17:39	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 17:39	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 17:39	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID:** 92529550005 Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 17:39	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 17:39	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 17:39	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 17:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 17:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 17:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 17:39	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 17:39	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 17:39	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 17:39	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 17:39	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 17:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 17:39	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	68	%	10-144		1	03/27/21 16:46	03/28/21 17:39	4165-60-0	
2-Fluorobiphenyl (S)	67	%	10-130		1	03/27/21 16:46	03/28/21 17:39	321-60-8	
Terphenyl-d14 (S)	75	%	34-163		1	03/27/21 16:46	03/28/21 17:39	1718-51-0	
Phenol-d6 (S)	32	%	10-130		1	03/27/21 16:46	03/28/21 17:39	13127-88-3	
2-Fluorophenol (S)	21	%	10-130		1	03/27/21 16:46	03/28/21 17:39	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-144		1	03/27/21 16:46	03/28/21 17:39	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:11	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	92	%	67-170		1	03/28/21 15:16	03/29/21 13:11	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	03/28/21 15:16	03/29/21 13:11	321-60-8	
Terphenyl-d14 (S)	105	%	62-169		1	03/28/21 15:16	03/29/21 13:11	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:16	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:16	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:16	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:16	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **SW-8_WS_20210323** Lab ID: **92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:16	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:16	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:16	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:16	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:16	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:16	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:16	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:16	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:16	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 17:16	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:16	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:16	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:16	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-8_WS_20210323 **Lab ID: 92529550005** Collected: 03/23/21 10:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 17:16	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		03/25/21 17:16	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 17:16	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-7_WS_20210323 Lab ID: 92529550006 Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:04	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:04	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:04	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:04	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:04	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:04	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:04	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:04	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:04	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:04	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:04	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:04	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:04	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:04	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID:** 92529550006 Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:04	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:04	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:04	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:04	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:04	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:04	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:04	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:04	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 18:04	4165-60-0	
2-Fluorobiphenyl (S)	99	%	10-130		1	03/27/21 16:46	03/28/21 18:04	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	03/27/21 16:46	03/28/21 18:04	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/27/21 16:46	03/28/21 18:04	13127-88-3	
2-Fluorophenol (S)	30	%	10-130		1	03/27/21 16:46	03/28/21 18:04	367-12-4	
2,4,6-Tribromophenol (S)	60	%	10-144		1	03/27/21 16:46	03/28/21 18:04	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:33	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 13:33	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/28/21 15:16	03/29/21 13:33	321-60-8	
Terphenyl-d14 (S)	100	%	62-169		1	03/28/21 15:16	03/29/21 13:33	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:34	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:34	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:34	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **SW-7_WS_20210323** Lab ID: **92529550006** Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:34	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:34	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:34	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:34	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 17:34	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:34	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:34	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:34	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-7_WS_20210323 **Lab ID:** 92529550006 Collected: 03/23/21 10:35 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 17:34	460-00-4	
1,2-Dichloroethane-d4 (S)	87	%	70-130		1		03/25/21 17:34	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 17:34	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID: 92529550007** Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:29	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:29	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:29	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:29	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:29	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:29	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:29	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:29	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:29	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:29	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:29	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:29	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:29	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:29	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:29	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:29	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:29	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:29	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:29	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:29	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:29	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:29	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID:** 92529550007 Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:29	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:29	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:29	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:29	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:29	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:29	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:29	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:29	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:29	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:29	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:29	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:29	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:29	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	100	%	10-144		1	03/27/21 16:46	03/28/21 18:29	4165-60-0	
2-Fluorobiphenyl (S)	88	%	10-130		1	03/27/21 16:46	03/28/21 18:29	321-60-8	
Terphenyl-d14 (S)	102	%	34-163		1	03/27/21 16:46	03/28/21 18:29	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 18:29	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 18:29	367-12-4	
2,4,6-Tribromophenol (S)	101	%	10-144		1	03/27/21 16:46	03/28/21 18:29	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 13:55	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	03/28/21 15:16	03/29/21 13:55	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	03/28/21 15:16	03/29/21 13:55	321-60-8	
Terphenyl-d14 (S)	102	%	62-169		1	03/28/21 15:16	03/29/21 13:55	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 17:51	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 17:51	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 17:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 17:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 17:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 17:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 17:51	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-1_WS_20210323 Lab ID: 92529550007 Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 17:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 17:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 17:51	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 17:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 17:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 17:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 17:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 17:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 17:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 17:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 17:51	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 17:51	1634-04-4	
Naphthalene	0.87J	ug/L	1.0	0.64	1		03/25/21 17:51	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 17:51	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 17:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 17:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 17:51	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 17:51	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-1_WS_20210323 **Lab ID:** 92529550007 Collected: 03/23/21 10:50 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 17:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 17:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 17:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/25/21 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/25/21 17:51	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		03/25/21 17:51	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-2_WS_20210323 Lab ID: 92529550008 Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 18:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:55	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 18:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 18:55	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 18:55	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 18:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:55	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 18:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 18:55	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 18:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 18:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 18:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:55	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 18:55	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 18:55	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 18:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 18:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 18:55	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 18:55	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 18:55	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 18:55	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-2_WS_20210323 Lab ID: 92529550008 Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 18:55	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:55	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 18:55	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 18:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 18:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 18:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 18:55	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 18:55	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 18:55	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 18:55	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 18:55	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 18:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 18:55	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	03/27/21 16:46	03/28/21 18:55	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/27/21 16:46	03/28/21 18:55	321-60-8	
Terphenyl-d14 (S)	97	%	34-163		1	03/27/21 16:46	03/28/21 18:55	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	03/27/21 16:46	03/28/21 18:55	13127-88-3	
2-Fluorophenol (S)	27	%	10-130		1	03/27/21 16:46	03/28/21 18:55	367-12-4	
2,4,6-Tribromophenol (S)	25	%	10-144		1	03/27/21 16:46	03/28/21 18:55	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 14:16	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	91	%	67-170		1	03/28/21 15:16	03/29/21 14:16	4165-60-0	
2-Fluorobiphenyl (S)	105	%	61-163		1	03/28/21 15:16	03/29/21 14:16	321-60-8	
Terphenyl-d14 (S)	91	%	62-169		1	03/28/21 15:16	03/29/21 14:16	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:09	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:09	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:09	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:09	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-2_WS_20210323 Lab ID: 92529550008 Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:09	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:09	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:09	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:09	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:09	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:09	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:09	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:09	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:09	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:09	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:09	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:09	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:09	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-2_WS_20210323 **Lab ID: 92529550008** Collected: 03/23/21 11:05 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/25/21 18:09	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 18:09	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 18:09	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-3_WS_20210323 Lab ID: 92529550009 Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 19:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:20	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 19:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:20	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 19:20	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 19:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 19:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 19:20	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 19:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:20	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 19:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 19:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 19:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 19:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 19:20	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:20	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 19:20	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:20	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID:** 92529550009 Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 19:20	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:20	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 19:20	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 19:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 19:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:20	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:20	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:20	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:20	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:20	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/27/21 16:46	03/28/21 19:20	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	03/27/21 16:46	03/28/21 19:20	321-60-8	
Terphenyl-d14 (S)	93	%	34-163		1	03/27/21 16:46	03/28/21 19:20	1718-51-0	
Phenol-d6 (S)	50	%	10-130		1	03/27/21 16:46	03/28/21 19:20	13127-88-3	
2-Fluorophenol (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 19:20	367-12-4	
2,4,6-Tribromophenol (S)	94	%	10-144		1	03/27/21 16:46	03/28/21 19:20	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 14:38	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	83	%	67-170		1	03/28/21 15:16	03/29/21 14:38	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/28/21 15:16	03/29/21 14:38	321-60-8	
Terphenyl-d14 (S)	84	%	62-169		1	03/28/21 15:16	03/29/21 14:38	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:26	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:26	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:26	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **SW-3_WS_20210323** Lab ID: **92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:26	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:26	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:26	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:26	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:26	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:26	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:26	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:26	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:26	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-3_WS_20210323 **Lab ID: 92529550009** Collected: 03/23/21 11:15 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		03/25/21 18:26	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 18:26	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 18:26	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-4_WS_20210323 Lab ID: 92529550010 Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 19:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 19:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 19:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 19:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 19:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 19:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 19:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 19:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 19:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 19:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 19:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 19:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 19:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 19:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 19:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 19:46	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 19:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 19:46	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID:** 92529550010 Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 19:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 19:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 19:46	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 19:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 19:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 19:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 19:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 19:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 19:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 19:46	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 19:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 19:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	113	%	10-144		1	03/27/21 16:46	03/28/21 19:46	4165-60-0	
2-Fluorobiphenyl (S)	102	%	10-130		1	03/27/21 16:46	03/28/21 19:46	321-60-8	
Terphenyl-d14 (S)	107	%	34-163		1	03/27/21 16:46	03/28/21 19:46	1718-51-0	
Phenol-d6 (S)	61	%	10-130		1	03/27/21 16:46	03/28/21 19:46	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/27/21 16:46	03/28/21 19:46	367-12-4	
2,4,6-Tribromophenol (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 19:46	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 15:00	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	84	%	67-170		1	03/28/21 15:16	03/29/21 15:00	4165-60-0	
2-Fluorobiphenyl (S)	107	%	61-163		1	03/28/21 15:16	03/29/21 15:00	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/28/21 15:16	03/29/21 15:00	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 18:44	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 18:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 18:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 18:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 18:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 18:44	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 18:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 18:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 18:44	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-4_WS_20210323 Lab ID: 92529550010 Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 18:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 18:44	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:44	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 18:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 18:44	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 18:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 18:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 18:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 18:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 18:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 18:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 18:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 18:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 18:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 18:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 18:44	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 18:44	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 18:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 18:44	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 18:44	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 18:44	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 18:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 18:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 18:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 18:44	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 18:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 18:44	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 18:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 18:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 18:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 18:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 18:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 18:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 18:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 18:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 18:44	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 18:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-4_WS_20210323 **Lab ID: 92529550010** Collected: 03/23/21 13:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 18:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 18:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 18:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 18:44	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		03/25/21 18:44	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID: 92529550011** Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 20:11	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:11	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 20:11	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:11	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:11	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 20:11	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 20:11	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:11	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 20:11	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 20:11	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 20:11	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:11	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:11	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 20:11	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 20:11	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 20:11	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 20:11	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 20:11	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:11	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 20:11	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:11	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID:** 92529550011 Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 20:11	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:11	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 20:11	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 20:11	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:11	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 20:11	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:11	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:11	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:11	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:11	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	108-95-2	
Pyrene	2.2J	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:11	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:11	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:11	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-144		1	03/27/21 16:46	03/28/21 20:11	4165-60-0	
2-Fluorobiphenyl (S)	58	%	10-130		1	03/27/21 16:46	03/28/21 20:11	321-60-8	
Terphenyl-d14 (S)	69	%	34-163		1	03/27/21 16:46	03/28/21 20:11	1718-51-0	
Phenol-d6 (S)	29	%	10-130		1	03/27/21 16:46	03/28/21 20:11	13127-88-3	
2-Fluorophenol (S)	13	%	10-130		1	03/27/21 16:46	03/28/21 20:11	367-12-4	
2,4,6-Tribromophenol (S)	20	%	10-144		1	03/27/21 16:46	03/28/21 20:11	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	0.58	ug/L	0.10	0.043	1	03/30/21 11:59	03/30/21 14:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	105	%	67-170		1	03/30/21 11:59	03/30/21 14:08	4165-60-0	
2-Fluorobiphenyl (S)	137	%	61-163		1	03/30/21 11:59	03/30/21 14:08	321-60-8	
Terphenyl-d14 (S)	103	%	62-169		1	03/30/21 11:59	03/30/21 14:08	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:01	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:01	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-5_WS_20210323 Lab ID: 92529550011 Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:01	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:01	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:01	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:01	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:01	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:01	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:01	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-5_WS_20210323 **Lab ID:** 92529550011 Collected: 03/23/21 13:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/25/21 19:01	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		03/25/21 19:01	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		03/25/21 19:01	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID:** 92529550012 Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 20:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:37	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 20:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 20:37	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 20:37	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 20:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 20:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 20:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 20:37	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 20:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 20:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 20:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 20:37	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 20:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 20:37	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 20:37	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 20:37	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 20:37	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 20:37	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID:** 92529550012 Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 20:37	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 20:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 20:37	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 20:37	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 20:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 20:37	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 20:37	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 20:37	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 20:37	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 20:37	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 20:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 20:37	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	03/27/21 16:46	03/28/21 20:37	4165-60-0	
2-Fluorobiphenyl (S)	90	%	10-130		1	03/27/21 16:46	03/28/21 20:37	321-60-8	
Terphenyl-d14 (S)	101	%	34-163		1	03/27/21 16:46	03/28/21 20:37	1718-51-0	
Phenol-d6 (S)	53	%	10-130		1	03/27/21 16:46	03/28/21 20:37	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	03/27/21 16:46	03/28/21 20:37	367-12-4	
2,4,6-Tribromophenol (S)	112	%	10-144		1	03/27/21 16:46	03/28/21 20:37	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 15:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 15:43	4165-60-0	
2-Fluorobiphenyl (S)	108	%	61-163		1	03/28/21 15:16	03/29/21 15:43	321-60-8	
Terphenyl-d14 (S)	93	%	62-169		1	03/28/21 15:16	03/29/21 15:43	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:19	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:19	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-13_WS_20210323 Lab ID: 92529550012 Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:19	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:19	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:19	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:19	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:19	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:19	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:19	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-13_WS_20210323 **Lab ID:** 92529550012 Collected: 03/23/21 13:45 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:19	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		03/25/21 19:19	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		03/25/21 19:19	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 19:19	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID:** 92529550013 Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
			Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 21:03	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 21:03	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 21:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 21:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 21:03	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 21:03	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 21:03	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 21:03	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 21:03	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 21:03	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 21:03	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 21:03	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 21:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 21:03	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 21:03	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 21:03	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 21:03	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 21:03	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 21:03	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 21:03	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 21:03	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 21:03	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 21:03	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 21:03	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 21:03	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 21:03	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 21:03	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 21:03	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 21:03	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 21:03	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 21:03	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 21:03	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 21:03	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 21:03	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 21:03	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	67	%	10-144		1	03/27/21 16:46	03/28/21 21:03	4165-60-0	
2-Fluorobiphenyl (S)	61	%	10-130		1	03/27/21 16:46	03/28/21 21:03	321-60-8	
Terphenyl-d14 (S)	86	%	34-163		1	03/27/21 16:46	03/28/21 21:03	1718-51-0	
Phenol-d6 (S)	34	%	10-130		1	03/27/21 16:46	03/28/21 21:03	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	03/27/21 16:46	03/28/21 21:03	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-144		1	03/27/21 16:46	03/28/21 21:03	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:04	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	88	%	67-170		1	03/28/21 15:16	03/29/21 16:04	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	03/28/21 15:16	03/29/21 16:04	321-60-8	
Terphenyl-d14 (S)	89	%	62-169		1	03/28/21 15:16	03/29/21 16:04	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:37	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:37	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:37	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **SW-6_WS_20210323** Lab ID: **92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:37	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:37	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:37	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:37	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:37	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:37	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:37	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:37	1634-04-4	
Naphthalene	1.1	ug/L	1.0	0.64	1		03/25/21 19:37	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:37	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:37	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:37	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-6_WS_20210323 **Lab ID: 92529550013** Collected: 03/23/21 14:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:37	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 19:37	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		03/25/21 19:37	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		03/25/21 19:37	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID:** 92529550014 **Collected:** 03/23/21 14:25 **Received:** 03/24/21 11:17 **Matrix:** Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 10:47	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 10:47	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 10:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 10:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 10:47	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 10:47	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 10:47	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 10:47	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 10:47	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 10:47	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 10:47	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 10:47	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 10:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 10:47	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 10:47	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 10:47	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 10:47	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 10:47	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 10:47	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 10:47	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 10:47	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 10:47	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID:** 92529550014 Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 10:47	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 10:47	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 10:47	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 10:47	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 10:47	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 10:47	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 10:47	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 10:47	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 10:47	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 10:47	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 10:47	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 10:47	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 10:47	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	114	%	10-144		1	03/27/21 16:46	03/28/21 10:47	4165-60-0	
2-Fluorobiphenyl (S)	95	%	10-130		1	03/27/21 16:46	03/28/21 10:47	321-60-8	
Terphenyl-d14 (S)	104	%	34-163		1	03/27/21 16:46	03/28/21 10:47	1718-51-0	
Phenol-d6 (S)	55	%	10-130		1	03/27/21 16:46	03/28/21 10:47	13127-88-3	
2-Fluorophenol (S)	71	%	10-130		1	03/27/21 16:46	03/28/21 10:47	367-12-4	
2,4,6-Tribromophenol (S)	125	%	10-144		1	03/27/21 16:46	03/28/21 10:47	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:26	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	77	%	67-170		1	03/28/21 15:16	03/29/21 16:26	4165-60-0	
2-Fluorobiphenyl (S)	79	%	61-163		1	03/28/21 15:16	03/29/21 16:26	321-60-8	
Terphenyl-d14 (S)	54	%	62-169		1	03/28/21 15:16	03/29/21 16:26	1718-51-0	S0
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 19:54	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 19:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 19:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 19:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 19:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 19:54	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 19:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 19:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 19:54	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-17_WS_20210323 Lab ID: 92529550014 Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 19:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 19:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 19:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 19:54	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 19:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 19:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 19:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 19:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 19:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 19:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 19:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 19:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 19:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 19:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 19:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 19:54	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 19:54	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 19:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 19:54	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 19:54	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 19:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 19:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 19:54	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 19:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 19:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 19:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 19:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 19:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 19:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 19:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 19:54	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 19:54	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-17_WS_20210323 **Lab ID:** 92529550014 Collected: 03/23/21 14:25 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 19:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 19:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 19:54	17060-07-0	
Toluene-d8 (S)	106	%	70-130		1		03/25/21 19:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID:** 92529550015 Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 11:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:16	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 11:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 11:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 11:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 11:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 11:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 11:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 11:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 11:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 11:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 11:16	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 11:16	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:16	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 11:16	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID:** 92529550015 Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 11:16	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 11:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 11:16	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:16	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 11:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:16	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:16	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:16	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:16	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:16	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:16	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	92	%	10-144		1	03/27/21 16:46	03/28/21 11:16	4165-60-0	
2-Fluorobiphenyl (S)	86	%	10-130		1	03/27/21 16:46	03/28/21 11:16	321-60-8	
Terphenyl-d14 (S)	95	%	34-163		1	03/27/21 16:46	03/28/21 11:16	1718-51-0	
Phenol-d6 (S)	43	%	10-130		1	03/27/21 16:46	03/28/21 11:16	13127-88-3	
2-Fluorophenol (S)	38	%	10-130		1	03/27/21 16:46	03/28/21 11:16	367-12-4	
2,4,6-Tribromophenol (S)	86	%	10-144		1	03/27/21 16:46	03/28/21 11:16	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 16:48	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	107	%	67-170		1	03/28/21 15:16	03/29/21 16:48	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-163		1	03/28/21 15:16	03/29/21 16:48	321-60-8	
Terphenyl-d14 (S)	85	%	62-169		1	03/28/21 15:16	03/29/21 16:48	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:11	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:11	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:11	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:11	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:11	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-16_WS_20210323 Lab ID: 92529550015 Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:11	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:11	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:11	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:11	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:11	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:11	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:11	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:11	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:11	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:11	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:11	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:11	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-16_WS_20210323 **Lab ID:** 92529550015 Collected: 03/23/21 14:40 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		03/25/21 20:11	460-00-4	
1,2-Dichloroethane-d4 (S)	84	%	70-130		1		03/25/21 20:11	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 20:11	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-15_WS_20210323 Lab ID: 92529550016 Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 11:45	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:45	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 11:45	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:45	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 11:45	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 11:45	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 11:45	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:45	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 11:45	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 11:45	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 11:45	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 11:45	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 11:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:45	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 11:45	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 11:45	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 11:45	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 11:45	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 11:45	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 11:45	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 11:45	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 11:45	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID:** 92529550016 Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 11:45	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:45	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 11:45	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 11:45	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 11:45	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 11:45	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 11:45	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 11:45	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 11:45	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 11:45	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 11:45	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 11:45	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 11:45	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	69	%	10-144		1	03/27/21 16:46	03/28/21 11:45	4165-60-0	
2-Fluorobiphenyl (S)	63	%	10-130		1	03/27/21 16:46	03/28/21 11:45	321-60-8	
Terphenyl-d14 (S)	99	%	34-163		1	03/27/21 16:46	03/28/21 11:45	1718-51-0	
Phenol-d6 (S)	27	%	10-130		1	03/27/21 16:46	03/28/21 11:45	13127-88-3	
2-Fluorophenol (S)	13	%	10-130		1	03/27/21 16:46	03/28/21 11:45	367-12-4	
2,4,6-Tribromophenol (S)	46	%	10-144		1	03/27/21 16:46	03/28/21 11:45	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:09	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	82	%	67-170		1	03/28/21 15:16	03/29/21 17:09	4165-60-0	
2-Fluorobiphenyl (S)	109	%	61-163		1	03/28/21 15:16	03/29/21 17:09	321-60-8	
Terphenyl-d14 (S)	90	%	62-169		1	03/28/21 15:16	03/29/21 17:09	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:29	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:29	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:29	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:29	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-15_WS_20210323 Lab ID: 92529550016 Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:29	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:29	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:29	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:29	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:29	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:29	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:29	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:29	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:29	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:29	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:29	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:29	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:29	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-15_WS_20210323 **Lab ID:** 92529550016 Collected: 03/23/21 14:55 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		03/25/21 20:29	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 20:29	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		03/25/21 20:29	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-14_WS_20210323 Lab ID: 92529550017 Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 12:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:14	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 12:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:14	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 12:14	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 12:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:14	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 12:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 12:14	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 12:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:14	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 12:14	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 12:14	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 12:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 12:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 12:14	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:14	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 12:14	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:14	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID:** 92529550017 Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 12:14	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:14	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 12:14	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 12:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 12:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:14	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:14	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:14	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:14	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:14	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:14	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	03/27/21 16:46	03/28/21 12:14	4165-60-0	
2-Fluorobiphenyl (S)	82	%	10-130		1	03/27/21 16:46	03/28/21 12:14	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 12:14	1718-51-0	
Phenol-d6 (S)	35	%	10-130		1	03/27/21 16:46	03/28/21 12:14	13127-88-3	
2-Fluorophenol (S)	20	%	10-130		1	03/27/21 16:46	03/28/21 12:14	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	03/27/21 16:46	03/28/21 12:14	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:31	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	93	%	67-170		1	03/28/21 15:16	03/29/21 17:31	4165-60-0	
2-Fluorobiphenyl (S)	106	%	61-163		1	03/28/21 15:16	03/29/21 17:31	321-60-8	
Terphenyl-d14 (S)	88	%	62-169		1	03/28/21 15:16	03/29/21 17:31	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 20:46	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 20:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 20:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 20:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 20:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 20:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 20:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 20:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 20:46	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: SW-14_WS_20210323 Lab ID: 92529550017 Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 20:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 20:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 20:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 20:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 20:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 20:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 20:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 20:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 20:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 20:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 20:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 20:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 20:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 20:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 20:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 20:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 20:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 20:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 20:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 20:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 20:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 20:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 20:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 20:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 20:46	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 20:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 20:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 20:46	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 20:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 20:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 20:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 20:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 20:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 20:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 20:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 20:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 20:46	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 20:46	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: SW-14_WS_20210323 **Lab ID:** 92529550017 Collected: 03/23/21 15:10 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 20:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 20:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 20:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		03/25/21 20:46	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 20:46	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 20:46	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **FB-06_WS_20210323** Lab ID: **92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	03/27/21 16:46	03/28/21 12:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	03/27/21 16:46	03/28/21 12:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	03/27/21 16:46	03/28/21 12:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	03/27/21 16:46	03/28/21 12:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	03/27/21 16:46	03/28/21 12:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	03/27/21 16:46	03/28/21 12:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	03/27/21 16:46	03/28/21 12:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	03/27/21 16:46	03/28/21 12:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	03/27/21 16:46	03/28/21 12:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	03/27/21 16:46	03/28/21 12:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	03/27/21 16:46	03/28/21 12:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	03/27/21 16:46	03/28/21 12:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	03/27/21 16:46	03/28/21 12:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	03/27/21 16:46	03/28/21 12:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	03/27/21 16:46	03/28/21 12:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	03/27/21 16:46	03/28/21 12:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	03/27/21 16:46	03/28/21 12:43	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	03/27/21 16:46	03/28/21 12:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID:** 92529550018 Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	03/27/21 16:46	03/28/21 12:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	03/27/21 16:46	03/28/21 12:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	6.6	1	03/27/21 16:46	03/28/21 12:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	03/27/21 16:46	03/28/21 12:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	03/27/21 16:46	03/28/21 12:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	03/27/21 16:46	03/28/21 12:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	03/27/21 16:46	03/28/21 12:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	03/27/21 16:46	03/28/21 12:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	03/27/21 16:46	03/28/21 12:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	03/27/21 16:46	03/28/21 12:43	129-00-0	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	03/27/21 16:46	03/28/21 12:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	03/27/21 16:46	03/28/21 12:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	106	%	10-144		1	03/27/21 16:46	03/28/21 12:43	4165-60-0	
2-Fluorobiphenyl (S)	93	%	10-130		1	03/27/21 16:46	03/28/21 12:43	321-60-8	
Terphenyl-d14 (S)	105	%	34-163		1	03/27/21 16:46	03/28/21 12:43	1718-51-0	
Phenol-d6 (S)	52	%	10-130		1	03/27/21 16:46	03/28/21 12:43	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	03/27/21 16:46	03/28/21 12:43	367-12-4	
2,4,6-Tribromophenol (S)	119	%	10-144		1	03/27/21 16:46	03/28/21 12:43	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	03/28/21 15:16	03/29/21 17:53	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	76	%	67-170		1	03/28/21 15:16	03/29/21 17:53	4165-60-0	
2-Fluorobiphenyl (S)	102	%	61-163		1	03/28/21 15:16	03/29/21 17:53	321-60-8	
Terphenyl-d14 (S)	87	%	62-169		1	03/28/21 15:16	03/29/21 17:53	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:07	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:07	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:07	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:07	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: **FB-06_WS_20210323** Lab ID: **92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:07	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:07	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:07	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:07	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:07	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:07	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:07	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:07	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: FB-06_WS_20210323 **Lab ID: 92529550018** Collected: 03/23/21 15:30 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	108	%	70-130		1		03/25/21 16:07	460-00-4	
1,2-Dichloroethane-d4 (S)	82	%	70-130		1		03/25/21 16:07	17060-07-0	
Toluene-d8 (S)	114	%	70-130		1		03/25/21 16:07	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: TB-11_WS_20210323 Lab ID: 92529550019 Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:24	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:24	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:24	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:24	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:24	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:24	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:24	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:24	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:24	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:24	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:24	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:24	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:24	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:24	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:24	79-34-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: TB-11_WS_20210323 **Lab ID:** 92529550019 Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:24	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:24	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:24	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		03/25/21 16:24	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		03/25/21 16:24	17060-07-0	
Toluene-d8 (S)	110	%	70-130		1		03/25/21 16:24	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Sample: TB-12_WS_20210323 Lab ID: 92529550020 Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		03/25/21 16:42	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		03/25/21 16:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		03/25/21 16:42	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		03/25/21 16:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1.7	1		03/25/21 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		03/25/21 16:42	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		03/25/21 16:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		03/25/21 16:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		03/25/21 16:42	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		03/25/21 16:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		03/25/21 16:42	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:42	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		03/25/21 16:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		03/25/21 16:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		03/25/21 16:42	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.39	1		03/25/21 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		03/25/21 16:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		03/25/21 16:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		03/25/21 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		03/25/21 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		03/25/21 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		03/25/21 16:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		03/25/21 16:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		03/25/21 16:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		03/25/21 16:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		03/25/21 16:42	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		03/25/21 16:42	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		03/25/21 16:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		03/25/21 16:42	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		03/25/21 16:42	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		03/25/21 16:42	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		03/25/21 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		03/25/21 16:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		03/25/21 16:42	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		03/25/21 16:42	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		03/25/21 16:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		03/25/21 16:42	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Sample: TB-12_WS_20210323 Lab ID: 92529550020 Collected: 03/23/21 00:00 Received: 03/24/21 11:17 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Tetrachloroethene	ND	ug/L	1.0	0.29	1		03/25/21 16:42	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		03/25/21 16:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		03/25/21 16:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		03/25/21 16:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		03/25/21 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		03/25/21 16:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		03/25/21 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		03/25/21 16:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		03/25/21 16:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		03/25/21 16:42	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		03/25/21 16:42	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		03/25/21 16:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		03/25/21 16:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		03/25/21 16:42	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		03/25/21 16:42	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		03/25/21 16:42	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		03/25/21 16:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

QC Batch: 609283

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

METHOD BLANK: 3209199

Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/25/21 15:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/25/21 15:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/25/21 15:31	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/25/21 15:31	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/25/21 15:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/25/21 15:31	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/25/21 15:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/25/21 15:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/25/21 15:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/25/21 15:31	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/25/21 15:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/25/21 15:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/25/21 15:31	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/25/21 15:31	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/25/21 15:31	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
2-Hexanone	ug/L	ND	5.0	0.48	03/25/21 15:31	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/25/21 15:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/25/21 15:31	
Acetone	ug/L	ND	25.0	5.1	03/25/21 15:31	
Benzene	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromobenzene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Bromochloromethane	ug/L	ND	1.0	0.47	03/25/21 15:31	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/25/21 15:31	
Bromoform	ug/L	ND	1.0	0.34	03/25/21 15:31	
Bromomethane	ug/L	ND	2.0	1.7	03/25/21 15:31	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/25/21 15:31	
Chlorobenzene	ug/L	ND	1.0	0.28	03/25/21 15:31	
Chloroethane	ug/L	ND	1.0	0.65	03/25/21 15:31	
Chloroform	ug/L	ND	5.0	1.6	03/25/21 15:31	
Chloromethane	ug/L	ND	1.0	0.54	03/25/21 15:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3209199

Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018, 92529550019, 92529550020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	0.36	03/25/21 15:31	
Dibromomethane	ug/L	ND	1.0	0.39	03/25/21 15:31	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/25/21 15:31	
Diisopropyl ether	ug/L	ND	1.0	0.31	03/25/21 15:31	
Ethylbenzene	ug/L	ND	1.0	0.30	03/25/21 15:31	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/25/21 15:31	
m&p-Xylene	ug/L	ND	2.0	0.71	03/25/21 15:31	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/25/21 15:31	
Methylene Chloride	ug/L	ND	5.0	2.0	03/25/21 15:31	
Naphthalene	ug/L	ND	1.0	0.64	03/25/21 15:31	
o-Xylene	ug/L	ND	1.0	0.34	03/25/21 15:31	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/25/21 15:31	
Styrene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/25/21 15:31	
Toluene	ug/L	ND	1.0	0.48	03/25/21 15:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/25/21 15:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/25/21 15:31	
Trichloroethene	ug/L	ND	1.0	0.38	03/25/21 15:31	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/25/21 15:31	
Vinyl acetate	ug/L	ND	2.0	1.3	03/25/21 15:31	IK
Vinyl chloride	ug/L	ND	1.0	0.39	03/25/21 15:31	
Xylene (Total)	ug/L	ND	1.0	0.34	03/25/21 15:31	
1,2-Dichloroethane-d4 (S)	%	95	70-130		03/25/21 15:31	
4-Bromofluorobenzene (S)	%	107	70-130		03/25/21 15:31	
Toluene-d8 (S)	%	109	70-130		03/25/21 15:31	

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.7	99	70-130	
1,1,1-Trichloroethane	ug/L	50	48.2	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.9	104	70-130	
1,1,2-Trichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethane	ug/L	50	45.3	91	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	52.2	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	50.8	102	70-130	
1,2,3-Trichloropropane	ug/L	50	47.8	96	70-130	
1,2,4-Trichlorobenzene	ug/L	50	51.7	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.2	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	44.6	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/L	50	48.7	97	70-130	
1,3-Dichlorobenzene	ug/L	50	48.3	97	70-130	
1,3-Dichloropropane	ug/L	50	54.7	109	70-130	
1,4-Dichlorobenzene	ug/L	50	50.0	100	70-130	
2,2-Dichloropropane	ug/L	50	47.8	96	70-130	
2-Butanone (MEK)	ug/L	100	109	109	70-130	
2-Chlorotoluene	ug/L	50	47.4	95	70-130	
2-Hexanone	ug/L	100	103	103	70-130	
4-Chlorotoluene	ug/L	50	49.1	98	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	91.5	91	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	46.9	94	70-130	
Bromobenzene	ug/L	50	46.4	93	70-130	
Bromochloromethane	ug/L	50	47.7	95	70-130	
Bromodichloromethane	ug/L	50	45.5	91	70-130	
Bromoform	ug/L	50	53.3	107	70-130	
Bromomethane	ug/L	50	39.9	80	70-130	
Carbon tetrachloride	ug/L	50	45.4	91	70-130	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	44.4	89	70-130	
Chloroform	ug/L	50	47.6	95	70-130	
Chloromethane	ug/L	50	43.0	86	70-130	
cis-1,2-Dichloroethene	ug/L	50	44.7	89	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	70-130	
Dibromochloromethane	ug/L	50	56.3	113	70-130	
Dibromomethane	ug/L	50	44.4	89	70-130	
Dichlorodifluoromethane	ug/L	50	36.7	73	70-130	
Diisopropyl ether	ug/L	50	49.8	100	70-130	
Ethylbenzene	ug/L	50	48.8	98	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.3	99	70-130	
m&p-Xylene	ug/L	100	96.6	97	70-130	
Methyl-tert-butyl ether	ug/L	50	44.2	88	70-130	
Methylene Chloride	ug/L	50	43.6	87	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.8	96	70-130	
p-Isopropyltoluene	ug/L	50	51.2	102	70-130	
Styrene	ug/L	50	48.6	97	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	43.2	86	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.2	86	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	70-130	
Trichloroethene	ug/L	50	49.0	98	70-130	
Trichlorofluoromethane	ug/L	50	40.0	80	70-130	
Vinyl acetate	ug/L	100	102	102	70-130 IK	
Vinyl chloride	ug/L	50	39.5	79	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209200

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209201 3209202

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529550002 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	23.7	21.9	119	110	73-134	8	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20	26.1	24.2	130	121	82-143	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	24.3	22.2	121	111	70-136	9	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	20	24.3	21.9	121	109	70-135	10	30	
1,1-Dichloroethane	ug/L	ND	20	20	20	27.4	25.2	137	126	70-139	8	30	
1,1-Dichloroethene	ug/L	ND	20	20	20	26.2	23.6	131	118	70-154	11	30	
1,1-Dichloropropene	ug/L	ND	20	20	20	27.2	24.6	136	123	70-149	10	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	24.5	23.0	123	115	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20	24.4	21.9	122	109	71-137	11	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	24.9	22.3	125	111	73-140	11	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	23.9	21.3	119	107	65-134	11	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20	24.2	22.1	121	110	70-133	9	30	
1,2-Dichloroethane	ug/L	ND	20	20	20	25.5	23.7	127	119	70-137	7	30	
1,2-Dichloropropane	ug/L	ND	20	20	20	26.1	23.7	130	119	70-140	9	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20	23.6	23.0	118	115	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	20	25.1	23.0	126	115	70-143	9	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20	24.9	21.6	125	108	70-133	14	30	
2,2-Dichloropropane	ug/L	ND	20	20	20	27.1	25.6	136	128	61-148	6	30	
2-Butanone (MEK)	ug/L	ND	40	40	40	57.1	51.6	143	129	60-139	10	30	M1
2-Chlorotoluene	ug/L	ND	20	20	20	24.6	22.4	123	112	70-144	9	30	
2-Hexanone	ug/L	ND	40	40	40	52.4	46.7	131	117	65-138	11	30	
4-Chlorotoluene	ug/L	ND	20	20	20	24.0	21.9	120	109	70-137	9	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	40	52.0	46.6	130	116	65-135	11	30	
Acetone	ug/L	ND	40	40	40	56.0	51.3	140	128	60-148	9	30	
Benzene	ug/L	ND	20	20	20	25.1	23.3	125	117	70-151	7	30	
Bromobenzene	ug/L	ND	20	20	20	23.3	21.9	116	110	70-136	6	30	
Bromochloromethane	ug/L	ND	20	20	20	25.6	23.9	128	119	70-141	7	30	
Bromodichloromethane	ug/L	ND	20	20	20	22.5	20.5	112	102	70-138	9	30	
Bromoform	ug/L	ND	20	20	20	23.7	21.4	118	107	63-130	10	30	
Bromomethane	ug/L	ND	20	20	20	22.6	21.1	113	106	15-152	7	30	
Carbon tetrachloride	ug/L	ND	20	20	20	25.2	22.8	126	114	70-143	10	30	
Chlorobenzene	ug/L	ND	20	20	20	24.8	22.5	124	112	70-138	10	30	
Chloroethane	ug/L	ND	20	20	20	23.5	23.7	118	118	52-163	0	30	
Chloroform	ug/L	ND	20	20	20	25.7	23.5	129	118	70-139	9	30	
Chloromethane	ug/L	ND	20	20	20	25.2	23.3	126	116	41-139	8	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	25.8	23.9	129	120	70-141	8	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	23.7	22.0	119	110	70-137	7	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

Parameter	Units	3209201		3209202		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92529550002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Dibromochloromethane	ug/L	ND	20	20	24.6	22.6	123	113	70-134	9	30		
Dibromomethane	ug/L	ND	20	20	24.2	22.0	121	110	70-138	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	21.5	115	108	47-155	7	30		
Diisopropyl ether	ug/L	ND	20	20	27.9	26.0	140	130	63-144	7	30		
Ethylbenzene	ug/L	ND	20	20	24.6	22.6	123	113	66-153	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	27.4	24.2	137	121	65-149	12	30		
m&p-Xylene	ug/L	ND	40	40	49.9	45.7	125	114	69-152	9	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	25.6	23.2	128	116	54-156	10	30		
Methylene Chloride	ug/L	ND	20	20	26.7	24.7	134	124	42-159	8	30		
Naphthalene	ug/L	ND	20	20	23.6	22.0	118	110	61-148	7	30		
o-Xylene	ug/L	ND	20	20	24.5	22.7	122	114	70-148	8	30		
p-Isopropyltoluene	ug/L	ND	20	20	25.0	22.7	125	114	70-146	9	30		
Styrene	ug/L	ND	20	20	25.5	23.3	128	116	70-135	9	30		
Tetrachloroethene	ug/L	ND	20	20	24.4	22.4	122	112	59-143	8	30		
Toluene	ug/L	ND	20	20	24.4	22.2	122	111	59-148	9	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	27.4	24.9	137	125	70-146	9	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.4	21.8	122	109	70-135	11	30		
Trichloroethene	ug/L	ND	20	20	25.1	22.6	126	113	70-147	10	30		
Trichlorofluoromethane	ug/L	ND	20	20	23.8	21.5	119	108	70-148	10	30		
Vinyl acetate	ug/L	ND	40	40	62.5	56.8	156	142	49-151	10	30	M1	
Vinyl chloride	ug/L	ND	20	20	23.8	22.3	119	111	70-156	7	30		
Xylene (Total)	ug/L	ND	60	60	74.4	68.4	124	114	63-158	8	30		
1,2-Dichloroethane-d4 (S)	%						108	106	70-130				
4-Bromofluorobenzene (S)	%						99	98	70-130				
Toluene-d8 (S)	%						99	97	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609286	Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D	Analysis Description: 8260 MSV Low Level SC
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550003

METHOD BLANK: 3209214 Matrix: Water

Associated Lab Samples: 92529550003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	03/26/21 12:12	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	03/26/21 12:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	03/26/21 12:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	03/26/21 12:12	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	03/26/21 12:12	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	03/26/21 12:12	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	03/26/21 12:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	03/26/21 12:12	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	03/26/21 12:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	03/26/21 12:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	03/26/21 12:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	03/26/21 12:12	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	03/26/21 12:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	03/26/21 12:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	03/26/21 12:12	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	03/26/21 12:12	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	03/26/21 12:12	
2-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/21 12:12	
2-Hexanone	ug/L	ND	5.0	0.48	03/26/21 12:12	
4-Chlorotoluene	ug/L	ND	1.0	0.32	03/26/21 12:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	03/26/21 12:12	
Acetone	ug/L	ND	25.0	5.1	03/26/21 12:12	
Benzene	ug/L	ND	1.0	0.34	03/26/21 12:12	
Bromobenzene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Bromochloromethane	ug/L	ND	1.0	0.47	03/26/21 12:12	
Bromodichloromethane	ug/L	ND	1.0	0.31	03/26/21 12:12	
Bromoform	ug/L	ND	1.0	0.34	03/26/21 12:12	
Bromomethane	ug/L	ND	2.0	1.7	03/26/21 12:12	
Carbon tetrachloride	ug/L	ND	1.0	0.33	03/26/21 12:12	
Chlorobenzene	ug/L	ND	1.0	0.28	03/26/21 12:12	
Chloroethane	ug/L	ND	1.0	0.65	03/26/21 12:12	
Chloroform	ug/L	ND	5.0	1.6	03/26/21 12:12	
Chloromethane	ug/L	ND	1.0	0.54	03/26/21 12:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	03/26/21 12:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/21 12:12	
Dibromochloromethane	ug/L	ND	1.0	0.36	03/26/21 12:12	
Dibromomethane	ug/L	ND	1.0	0.39	03/26/21 12:12	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	03/26/21 12:12	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

METHOD BLANK: 3209214

Matrix: Water

Associated Lab Samples: 92529550003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	03/26/21 12:12	v2
Ethylbenzene	ug/L	ND	1.0	0.30	03/26/21 12:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	03/26/21 12:12	
m&p-Xylene	ug/L	ND	2.0	0.71	03/26/21 12:12	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	03/26/21 12:12	
Methylene Chloride	ug/L	ND	5.0	2.0	03/26/21 12:12	v2
Naphthalene	ug/L	ND	1.0	0.64	03/26/21 12:12	
o-Xylene	ug/L	ND	1.0	0.34	03/26/21 12:12	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	03/26/21 12:12	
Styrene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Tetrachloroethene	ug/L	ND	1.0	0.29	03/26/21 12:12	
Toluene	ug/L	ND	1.0	0.48	03/26/21 12:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	03/26/21 12:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	03/26/21 12:12	
Trichloroethene	ug/L	ND	1.0	0.38	03/26/21 12:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	03/26/21 12:12	
Vinyl acetate	ug/L	ND	2.0	1.3	03/26/21 12:12	
Vinyl chloride	ug/L	ND	1.0	0.39	03/26/21 12:12	
Xylene (Total)	ug/L	ND	1.0	0.34	03/26/21 12:12	
1,2-Dichloroethane-d4 (S)	%	94	70-130		03/26/21 12:12	
4-Bromofluorobenzene (S)	%	92	70-130		03/26/21 12:12	
Toluene-d8 (S)	%	98	70-130		03/26/21 12:12	

LABORATORY CONTROL SAMPLE: 3209215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.5	97	70-130	
1,1,1-Trichloroethane	ug/L	50	45.1	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.9	92	70-130	
1,1,2-Trichloroethane	ug/L	50	49.4	99	70-130	
1,1-Dichloroethane	ug/L	50	42.7	85	70-130	
1,1-Dichloroethene	ug/L	50	45.9	92	70-130	
1,1-Dichloropropene	ug/L	50	43.8	88	70-130	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	70-130	
1,2,3-Trichloropropane	ug/L	50	49.7	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	49.9	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	70-130	
1,2-Dichlorobenzene	ug/L	50	49.5	99	70-130	
1,2-Dichloroethane	ug/L	50	42.2	84	70-130	
1,2-Dichloropropane	ug/L	50	45.8	92	70-130	
1,3-Dichlorobenzene	ug/L	50	49.8	100	70-130	
1,3-Dichloropropane	ug/L	50	45.8	92	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
2,2-Dichloropropane	ug/L	50	46.7	93	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3209215

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	78.2	78	70-130	
2-Chlorotoluene	ug/L	50	45.4	91	70-130	
2-Hexanone	ug/L	100	85.1	85	70-130	
4-Chlorotoluene	ug/L	50	45.0	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.7	87	70-130	
Acetone	ug/L	100	103	103	70-130	
Benzene	ug/L	50	46.3	93	70-130	
Bromobenzene	ug/L	50	46.8	94	70-130	
Bromochloromethane	ug/L	50	49.0	98	70-130	
Bromodichloromethane	ug/L	50	44.1	88	70-130	
Bromoform	ug/L	50	49.0	98	70-130	
Bromomethane	ug/L	50	46.1	92	70-130	
Carbon tetrachloride	ug/L	50	50.6	101	70-130	
Chlorobenzene	ug/L	50	50.1	100	70-130	
Chloroethane	ug/L	50	44.3	89	70-130	
Chloroform	ug/L	50	43.4	87	70-130	
Chloromethane	ug/L	50	40.5	81	70-130	
cis-1,2-Dichloroethene	ug/L	50	42.6	85	70-130	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	70-130	
Dibromochloromethane	ug/L	50	49.0	98	70-130	
Dibromomethane	ug/L	50	53.5	107	70-130	
Dichlorodifluoromethane	ug/L	50	50.3	101	70-130	
Diisopropyl ether	ug/L	50	37.9	76	70-130 v3	
Ethylbenzene	ug/L	50	47.2	94	70-130	
Hexachloro-1,3-butadiene	ug/L	50	47.5	95	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	42.2	84	70-130	
Methylene Chloride	ug/L	50	39.8	80	70-130 v3	
Naphthalene	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	48.5	97	70-130	
p-Isopropyltoluene	ug/L	50	48.6	97	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	49.4	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	44.0	88	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Trichloroethene	ug/L	50	52.7	105	70-130	
Trichlorofluoromethane	ug/L	50	49.5	99	70-130	
Vinyl acetate	ug/L	100	96.2	96	70-130	
Vinyl chloride	ug/L	50	44.1	88	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Parameter	Units	3209216		3209217		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92529519033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	16.8	19.7	84	99	73-134	16	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	21.0	22.2	105	111	82-143	5	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	18.1	20.0	90	100	70-136	10	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	18.3	20.0	92	100	70-135	9	30		
1,1-Dichloroethane	ug/L	ND	20	20	20.8	20.7	104	104	70-139	0	30		
1,1-Dichloroethene	ug/L	ND	20	20	21.2	21.1	106	106	70-154	1	30		
1,1-Dichloropropene	ug/L	ND	20	20	20.2	20.6	101	103	70-149	2	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.4	18.3	87	92	70-135	5	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	17.1	19.0	85	95	71-137	11	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	18.2	20.0	91	100	73-140	10	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	18.1	19.7	91	98	65-134	8	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	18.2	20.9	91	104	70-133	14	30		
1,2-Dichloroethane	ug/L	ND	20	20	18.2	19.5	91	97	70-137	7	30		
1,2-Dichloropropane	ug/L	ND	20	20	20.1	20.6	100	103	70-140	2	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	18.4	19.9	92	100	70-135	8	30		
1,3-Dichloropropane	ug/L	ND	20	20	17.9	20.1	89	101	70-143	12	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	18.5	20.3	93	102	70-133	9	30		
2,2-Dichloropropane	ug/L	ND	20	20	21.6	22.1	108	110	61-148	2	30		
2-Butanone (MEK)	ug/L	ND	40	40	41.7	40.6	104	101	60-139	3	30		
2-Chlorotoluene	ug/L	ND	20	20	19.6	20.6	98	103	70-144	5	30		
2-Hexanone	ug/L	ND	40	40	38.4	43.9	96	110	65-138	13	30	v1	
4-Chlorotoluene	ug/L	ND	20	20	18.2	19.8	91	99	70-137	8	30		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	37.9	37.3	95	93	65-135	2	30		
Acetone	ug/L	ND	40	40	44.9	43.7	112	109	60-148	3	30	v1	
Benzene	ug/L	ND	20	20	19.9	20.1	99	101	70-151	1	30		
Bromobenzene	ug/L	ND	20	20	18.0	18.4	90	92	70-136	2	30		
Bromochloromethane	ug/L	ND	20	20	21.5	21.0	108	105	70-141	2	30		
Bromodichloromethane	ug/L	ND	20	20	18.5	19.6	93	98	70-138	6	30		
Bromoform	ug/L	ND	20	20	17.2	19.7	86	98	63-130	13	30		
Bromomethane	ug/L	ND	20	20	16.0	18.1	80	91	15-152	12	30	v3	
Carbon tetrachloride	ug/L	ND	20	20	19.3	20.1	97	100	70-143	4	30		
Chlorobenzene	ug/L	ND	20	20	19.0	21.1	95	105	70-138	10	30		
Chloroethane	ug/L	ND	20	20	19.9	21.8	100	109	52-163	9	30		
Chloroform	ug/L	ND	20	20	19.8	18.1	99	91	70-139	9	30		
Chloromethane	ug/L	ND	20	20	14.7	15.0	73	75	41-139	2	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	19.4	19.7	97	98	70-141	1	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	17.7	19.9	89	99	70-137	11	30		
Dibromochloromethane	ug/L	ND	20	20	18.5	19.8	92	99	70-134	7	30		
Dibromomethane	ug/L	ND	20	20	20.8	20.0	104	100	70-138	4	30		
Dichlorodifluoromethane	ug/L	ND	20	20	19.2	18.9	96	95	47-155	1	30		
Diisopropyl ether	ug/L	ND	20	20	17.7	19.2	88	96	63-144	8	30		
Ethylbenzene	ug/L	ND	20	20	19.2	20.8	96	104	66-153	8	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	18.4	19.3	92	96	65-149	5	30		
m&p-Xylene	ug/L	ND	40	40	37.6	41.3	94	103	69-152	9	30		

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Parameter	Units	3209216		3209217		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		92529519033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
Methyl-tert-butyl ether	ug/L	ND	20	20	16.4	17.1	82	85	54-156	4	30	
Methylene Chloride	ug/L	ND	20	20	19.4	21.0	97	105	42-159	8	30	
Naphthalene	ug/L	0.96J	20	20	17.3	18.8	82	89	61-148	9	30	
o-Xylene	ug/L	ND	20	20	18.9	19.8	94	99	70-148	5	30	
p-Isopropyltoluene	ug/L	ND	20	20	19.5	20.1	97	101	70-146	3	30	
Styrene	ug/L	ND	20	20	18.1	19.7	91	98	70-135	8	30	
Tetrachloroethene	ug/L	ND	20	20	17.6	20.1	88	100	59-143	13	30	
Toluene	ug/L	ND	20	20	19.7	20.6	98	103	59-148	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.4	20.9	102	104	70-146	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.2	20.6	91	103	70-135	12	30	
Trichloroethene	ug/L	ND	20	20	20.2	20.4	101	102	70-147	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	18.7	19.9	94	99	70-148	6	30	
Vinyl acetate	ug/L	ND	40	40	34.8	37.3	87	93	49-151	7	30	IK
Vinyl chloride	ug/L	ND	20	20	19.1	19.0	96	95	70-156	0	30	
Xylene (Total)	ug/L	ND	60	60	56.5	61.1	94	102	63-158	8	30	
1,2-Dichloroethane-d4 (S)	%						100	94	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						99	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609801 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

METHOD BLANK: 3211762 Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/28/21 10:26	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/28/21 10:26	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/28/21 10:26	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/28/21 10:26	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/28/21 10:26	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/28/21 10:26	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/28/21 10:26	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/28/21 10:26	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/28/21 10:26	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/28/21 10:26	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/28/21 10:26	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/28/21 10:26	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/28/21 10:26	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/28/21 10:26	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/28/21 10:26	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/28/21 10:26	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/28/21 10:26	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/28/21 10:26	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/28/21 10:26	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/28/21 10:26	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/28/21 10:26	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/28/21 10:26	
Acenaphthene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Acenaphthylene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Aniline	ug/L	ND	10.0	1.6	03/28/21 10:26	
Anthracene	ug/L	ND	10.0	2.3	03/28/21 10:26	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/28/21 10:26	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/28/21 10:26	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/28/21 10:26	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/28/21 10:26	
Benzoic Acid	ug/L	ND	50.0	3.4	03/28/21 10:26	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/28/21 10:26	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/28/21 10:26	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/28/21 10:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

METHOD BLANK: 3211762

Matrix: Water

Associated Lab Samples: 92529550001, 92529550002, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550011, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/28/21 10:26	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/28/21 10:26	
Chrysene	ug/L	ND	10.0	2.8	03/28/21 10:26	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/28/21 10:26	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/28/21 10:26	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/28/21 10:26	
Dibenzofuran	ug/L	ND	10.0	2.1	03/28/21 10:26	
Diethylphthalate	ug/L	ND	10.0	2.0	03/28/21 10:26	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/28/21 10:26	
Fluoranthene	ug/L	ND	10.0	2.2	03/28/21 10:26	
Fluorene	ug/L	ND	10.0	2.1	03/28/21 10:26	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/28/21 10:26	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/28/21 10:26	
Hexachloroethane	ug/L	ND	10.0	1.4	03/28/21 10:26	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/28/21 10:26	
Isophorone	ug/L	ND	10.0	1.7	03/28/21 10:26	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/28/21 10:26	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/28/21 10:26	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/28/21 10:26	
Nitrobenzene	ug/L	ND	10.0	1.9	03/28/21 10:26	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/28/21 10:26	
Phenanthrene	ug/L	ND	10.0	2.0	03/28/21 10:26	
Phenol	ug/L	ND	10.0	1.4	03/28/21 10:26	
Pyrene	ug/L	ND	10.0	2.2	03/28/21 10:26	
2,4,6-Tribromophenol (S)	%	58	10-144		03/28/21 10:26	
2-Fluorobiphenyl (S)	%	41	10-130		03/28/21 10:26	
2-Fluorophenol (S)	%	34	10-130		03/28/21 10:26	
Nitrobenzene-d5 (S)	%	44	10-144		03/28/21 10:26	
Phenol-d6 (S)	%	27	10-130		03/28/21 10:26	
Terphenyl-d14 (S)	%	52	34-163		03/28/21 10:26	

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	34.9	70	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.7	75	28-130	
2,4,5-Trichlorophenol	ug/L	50	48.6	97	35-130	
2,4,6-Trichlorophenol	ug/L	50	43.7	87	31-130	
2,4-Dichlorophenol	ug/L	50	40.9	82	35-130	
2,4-Dimethylphenol	ug/L	50	42.6	85	34-130	
2,4-Dinitrophenol	ug/L	250	267	107	10-153	
2,4-Dinitrotoluene	ug/L	50	56.4	113	37-136	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,6-Dinitrotoluene	ug/L	50	53.0	106	33-136	
2-Chloronaphthalene	ug/L	50	37.3	75	26-130	
2-Chlorophenol	ug/L	50	37.9	76	37-130	
2-Methylnaphthalene	ug/L	50	34.7	69	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	37.8	76	35-130	
2-Nitroaniline	ug/L	100	101	101	37-130	
2-Nitrophenol	ug/L	50	41.9	84	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.2	72	34-130	
3,3'-Dichlorobenzidine	ug/L	100	112	112	34-136	
3-Nitroaniline	ug/L	100	107	107	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	111	111	21-157	
4-Bromophenylphenyl ether	ug/L	50	56.0	112	38-130	
4-Chloro-3-methylphenol	ug/L	100	90.8	91	37-130	
4-Chloroaniline	ug/L	100	79.6	80	38-130	
4-Chlorophenylphenyl ether	ug/L	50	46.9	94	33-130	
4-Nitroaniline	ug/L	100	119	119	42-137	
4-Nitrophenol	ug/L	250	167	67	10-130	
Acenaphthene	ug/L	50	43.4	87	33-130	
Acenaphthylene	ug/L	50	44.0	88	35-130	
Aniline	ug/L	50	34.3	69	22-130	
Anthracene	ug/L	50	55.8	112	48-130	
Benzo(a)anthracene	ug/L	50	58.1	116	48-137	
Benzo(b)fluoranthene	ug/L	50	58.9	118	52-138	
Benzo(g,h,i)perylene	ug/L	50	57.7	115	48-140	
Benzo(k)fluoranthene	ug/L	50	59.8	120	48-139	
Benzoic Acid	ug/L	250	146	59	10-130	
Benzyl alcohol	ug/L	100	79.6	80	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.6	83	34-130	
bis(2-Chloroethyl) ether	ug/L	50	42.5	85	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.5	127	32-165	
Butylbenzylphthalate	ug/L	50	63.4	127	34-161	
Chrysene	ug/L	50	57.4	115	47-131	
Di-n-butylphthalate	ug/L	50	59.8	120	39-144	
Di-n-octylphthalate	ug/L	50	59.0	118	30-170	
Dibenz(a,h)anthracene	ug/L	50	57.6	115	49-138	
Dibenzofuran	ug/L	50	46.5	93	33-130	
Diethylphthalate	ug/L	50	53.8	108	38-131	
Dimethylphthalate	ug/L	50	49.0	98	37-130	
Fluoranthene	ug/L	50	57.1	114	46-137	
Fluorene	ug/L	50	50.8	102	37-130	
Hexachlorobenzene	ug/L	50	49.9	100	38-130	
Hexachlorocyclopentadiene	ug/L	50	27.1	54	10-130	
Hexachloroethane	ug/L	50	22.1	44	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	58.8	118	41-130	
Isophorone	ug/L	50	41.1	82	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	42.0	84	36-130	
N-Nitrosodimethylamine	ug/L	50	36.3	73	34-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3211763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	50.1	100	37-130	
Nitrobenzene	ug/L	50	40.1	80	36-130	
Pentachlorophenol	ug/L	100	115	115	23-149	
Phenanthrene	ug/L	50	53.4	107	44-130	
Phenol	ug/L	50	24.8	50	18-130	
Pyrene	ug/L	50	60.1	120	47-134	
2,4,6-Tribromophenol (S)	%			119	10-144	
2-Fluorobiphenyl (S)	%			76	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			80	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			95	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3211764 3211765

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529550001 Result	Spike Conc.	Spike Conc.	Conc.								
1-Methylnaphthalene	ug/L	ND	50	50	50	41.3	25.3	83	51	10-130	48	30	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	46.3	22.7	93	45	12-142	68	30	R1
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	17.5	36.3	35	73	10-143	70	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	7.5J	29.6	15	59	10-147		30	
2,4-Dichlorophenol	ug/L	ND	50	50	50	25.8	28.6	52	57	10-138	10	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	50.2	30.4	100	61	25-130	49	30	R1
2,4-Dinitrophenol	ug/L	ND	250	250	250	ND	ND	0	5	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	50	53.0	43.6	106	87	29-148	19	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	55.9	42.7	112	85	26-146	27	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	44.4	28.6	89	57	11-130	43	30	R1
2-Chlorophenol	ug/L	ND	50	50	50	24.4	22.8	49	46	10-133	7	30	
2-Methylnaphthalene	ug/L	ND	50	50	50	40.9	25.9	82	52	13-130	45	30	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	43.9	25.8	88	52	20-130	52	30	R1
2-Nitroaniline	ug/L	ND	100	100	100	109	82.2	109	82	24-136	28	30	
2-Nitrophenol	ug/L	ND	50	50	50	21.3	26.1	43	52	10-153	20	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	41.1	25.0	82	50	16-130	49	30	R1
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	109	84.0	109	84	10-153	26	30	
3-Nitroaniline	ug/L	ND	100	100	100	110	88.5	110	88	22-151	21	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	ND	37.8	3	38	10-180		30	M1
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	58.4	45.3	117	91	25-130	25	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	93.5	73.8	93	74	25-133	24	30	
4-Chloroaniline	ug/L	ND	100	100	100	95.1	57.3	95	57	14-132	50	30	R1
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	51.6	38.1	103	76	19-130	30	30	
4-Nitroaniline	ug/L	ND	100	100	100	113	93.9	113	94	29-150	18	30	
4-Nitrophenol	ug/L	ND	250	250	250	ND	49.0J	0	20	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	50	50.3	35.4	101	71	16-130	35	30	R1
Acenaphthylene	ug/L	ND	50	50	50	51.1	35.3	102	71	15-137	36	30	R1

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Parameter	Units	3211764		3211765		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92529550001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Aniline	ug/L	ND	50	50	41.0	22.3	82	45	10-130	59	30	R1	
Anthracene	ug/L	ND	50	50	55.8	44.8	112	90	37-136	22	30		
Benzo(a)anthracene	ug/L	ND	50	50	55.3	45.8	111	92	40-145	19	30		
Benzo(b)fluoranthene	ug/L	ND	50	50	56.2	45.5	112	91	39-151	21	30		
Benzo(g,h,i)perylene	ug/L	ND	50	50	59.5	47.2	119	94	40-147	23	30		
Benzo(k)fluoranthene	ug/L	ND	50	50	55.4	44.2	111	88	40-146	22	30		
Benzoic Acid	ug/L	ND	250	250	ND	ND	0	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	97.4	54.0	97	54	25-130	57	30	R1	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	50.4	26.5	101	53	23-130	62	30	R1	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	51.9	26.2	104	52	25-130	66	30	R1	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	59.8	45.6	120	91	28-166	27	30		
Butylbenzylphthalate	ug/L	ND	50	50	59.5	47.6	119	95	33-165	22	30		
Chrysene	ug/L	ND	50	50	55.3	43.9	111	88	38-141	23	30		
Di-n-butylphthalate	ug/L	ND	50	50	56.5	45.0	113	90	32-153	23	30		
Di-n-octylphthalate	ug/L	ND	50	50	56.8	44.0	114	88	30-175	26	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	58.2	46.5	116	93	39-148	22	30		
Dibenzofuran	ug/L	ND	50	50	52.0	38.1	104	76	20-130	31	30	R1	
Diethylphthalate	ug/L	ND	50	50	54.1	42.9	108	86	28-142	23	30		
Dimethylphthalate	ug/L	ND	50	50	52.3	40.4	105	81	26-136	26	30		
Fluoranthene	ug/L	ND	50	50	56.4	46.4	113	93	39-143	19	30		
Fluorene	ug/L	ND	50	50	54.1	40.9	108	82	24-132	28	30		
Hexachlorobenzene	ug/L	ND	50	50	51.4	40.2	103	80	29-130	24	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	30.2	17.1	60	34	10-130	56	30	R1	
Hexachloroethane	ug/L	ND	50	50	25.7	12.7	51	25	10-130	68	30	R1	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	59.3	46.8	119	94	39-148	23	30		
Isophorone	ug/L	ND	50	50	50.4	28.4	101	57	23-130	56	30	R1	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	51.5	27.3	103	55	25-130	61	30	R1	
N-Nitrosodimethylamine	ug/L	ND	50	50	43.8	23.2	88	46	22-130	61	30	R1	
N-Nitrosodiphenylamine	ug/L	ND	50	50	51.0	41.2	102	82	26-134	21	30		
Nitrobenzene	ug/L	ND	50	50	47.9	25.7	96	51	25-130	60	30	R1	
Pentachlorophenol	ug/L	ND	100	100	9.2J	65.4	9	65	10-175		30	M1	
Phenanthrene	ug/L	ND	50	50	55.2	43.5	110	87	36-133	24	30		
Phenol	ug/L	ND	50	50	21.2	16.5	42	33	10-130	25	30		
Pyrene	ug/L	ND	50	50	57.7	47.3	115	95	40-143	20	30		
2,4,6-Tribromophenol (S)	%						43	83	10-144				
2-Fluorobiphenyl (S)	%						91	54	10-130				
2-Fluorophenol (S)	%						17	33	10-130				
Nitrobenzene-d5 (S)	%						95	50	10-144				
Phenol-d6 (S)	%						40	31	10-130				
Terphenyl-d14 (S)	%						94	76	34-163				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

QC Batch: 610114

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water MSSV RVE

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550003, 92529550004

METHOD BLANK: 3212855

Matrix: Water

Associated Lab Samples: 92529550003, 92529550004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	03/31/21 08:18	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	03/31/21 08:18	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	03/31/21 08:18	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	03/31/21 08:18	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	03/31/21 08:18	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	03/31/21 08:18	
2-Chlorophenol	ug/L	ND	10.0	1.2	03/31/21 08:18	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	03/31/21 08:18	
2-Nitroaniline	ug/L	ND	20.0	3.0	03/31/21 08:18	
2-Nitrophenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	03/31/21 08:18	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	03/31/21 08:18	
3-Nitroaniline	ug/L	ND	20.0	3.8	03/31/21 08:18	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	03/31/21 08:18	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	03/31/21 08:18	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	03/31/21 08:18	
4-Chloroaniline	ug/L	ND	20.0	3.6	03/31/21 08:18	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	03/31/21 08:18	
4-Nitroaniline	ug/L	ND	20.0	5.1	03/31/21 08:18	
4-Nitrophenol	ug/L	ND	50.0	6.6	03/31/21 08:18	
Acenaphthene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Acenaphthylene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Aniline	ug/L	ND	10.0	1.6	03/31/21 08:18	
Anthracene	ug/L	ND	10.0	2.3	03/31/21 08:18	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	03/31/21 08:18	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	03/31/21 08:18	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	03/31/21 08:18	
Benzoic Acid	ug/L	ND	50.0	3.4	03/31/21 08:18	
Benzyl alcohol	ug/L	ND	20.0	2.9	03/31/21 08:18	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	03/31/21 08:18	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	03/31/21 08:18	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	03/31/21 08:18	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	03/31/21 08:18	
Chrysene	ug/L	ND	10.0	2.8	03/31/21 08:18	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

METHOD BLANK: 3212855

Matrix: Water

Associated Lab Samples: 92529550003, 92529550004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	03/31/21 08:18	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	03/31/21 08:18	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	03/31/21 08:18	
Dibenzofuran	ug/L	ND	10.0	2.1	03/31/21 08:18	
Diethylphthalate	ug/L	ND	10.0	2.0	03/31/21 08:18	
Dimethylphthalate	ug/L	ND	10.0	2.1	03/31/21 08:18	
Fluoranthene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Fluorene	ug/L	ND	10.0	2.1	03/31/21 08:18	
Hexachlorobenzene	ug/L	ND	10.0	2.2	03/31/21 08:18	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	03/31/21 08:18	
Hexachloroethane	ug/L	ND	10.0	1.4	03/31/21 08:18	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	03/31/21 08:18	
Isophorone	ug/L	ND	10.0	1.7	03/31/21 08:18	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	03/31/21 08:18	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	03/31/21 08:18	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	03/31/21 08:18	
Nitrobenzene	ug/L	ND	10.0	1.9	03/31/21 08:18	
Pentachlorophenol	ug/L	ND	20.0	3.8	03/31/21 08:18	
Phenanthrene	ug/L	ND	10.0	2.0	03/31/21 08:18	
Phenol	ug/L	ND	10.0	1.4	03/31/21 08:18	
Pyrene	ug/L	ND	10.0	2.2	03/31/21 08:18	
2,4,6-Tribromophenol (S)	%	76	10-144		03/31/21 08:18	
2-Fluorobiphenyl (S)	%	63	10-130		03/31/21 08:18	
2-Fluorophenol (S)	%	51	10-130		03/31/21 08:18	
Nitrobenzene-d5 (S)	%	72	10-144		03/31/21 08:18	
Phenol-d6 (S)	%	40	10-130		03/31/21 08:18	
Terphenyl-d14 (S)	%	115	34-163		03/31/21 08:18	

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	32.4	65	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.2	74	28-130	
2,4,5-Trichlorophenol	ug/L	50	42.1	84	35-130	
2,4,6-Trichlorophenol	ug/L	50	41.1	82	31-130	
2,4-Dichlorophenol	ug/L	50	38.4	77	35-130	
2,4-Dimethylphenol	ug/L	50	40.4	81	34-130	
2,4-Dinitrophenol	ug/L	250	231	92	10-153	
2,4-Dinitrotoluene	ug/L	50	50.4	101	37-136	
2,6-Dinitrotoluene	ug/L	50	47.6	95	33-136	
2-Chloronaphthalene	ug/L	50	33.1	66	26-130	
2-Chlorophenol	ug/L	50	38.2	76	37-130	
2-Methylnaphthalene	ug/L	50	31.7	63	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.9	72	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	91.5	91	37-130	
2-Nitrophenol	ug/L	50	39.5	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.8	72	34-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	34-136	
3-Nitroaniline	ug/L	100	93.1	93	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	98.3	98	21-157	
4-Bromophenylphenyl ether	ug/L	50	49.5	99	38-130	
4-Chloro-3-methylphenol	ug/L	100	82.6	83	37-130	
4-Chloroaniline	ug/L	100	76.7	77	38-130	
4-Chlorophenylphenyl ether	ug/L	50	38.9	78	33-130	
4-Nitroaniline	ug/L	100	103	103	42-137	
4-Nitrophenol	ug/L	250	147	59	10-130	
Acenaphthene	ug/L	50	38.2	76	33-130	
Acenaphthylene	ug/L	50	39.5	79	35-130	
Aniline	ug/L	50	34.2	68	22-130	
Anthracene	ug/L	50	49.3	99	48-130	
Benzo(a)anthracene	ug/L	50	53.0	106	48-137	
Benzo(b)fluoranthene	ug/L	50	52.9	106	52-138	
Benzo(g,h,i)perylene	ug/L	50	63.2	126	48-140	
Benzo(k)fluoranthene	ug/L	50	51.8	104	48-139	
Benzoic Acid	ug/L	250	133	53	10-130	
Benzyl alcohol	ug/L	100	76.7	77	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.2	82	34-130	
bis(2-Chloroethyl) ether	ug/L	50	43.1	86	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	58.5	117	32-165	
Butylbenzylphthalate	ug/L	50	54.9	110	34-161	
Chrysene	ug/L	50	51.0	102	47-131	
Di-n-butylphthalate	ug/L	50	55.1	110	39-144	
Di-n-octylphthalate	ug/L	50	51.4	103	30-170	
Dibenz(a,h)anthracene	ug/L	50	60.5	121	49-138	
Dibenzofuran	ug/L	50	40.6	81	33-130	
Diethylphthalate	ug/L	50	47.1	94	38-131	
Dimethylphthalate	ug/L	50	46.1	92	37-130	
Fluoranthene	ug/L	50	51.8	104	46-137	
Fluorene	ug/L	50	43.5	87	37-130	
Hexachlorobenzene	ug/L	50	43.7	87	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.8	44	10-130	
Hexachloroethane	ug/L	50	24.7	49	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	62.1	124	41-130	
Isophorone	ug/L	50	40.4	81	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	41.6	83	36-130	
N-Nitrosodimethylamine	ug/L	50	36.1	72	34-130	
N-Nitrosodiphenylamine	ug/L	50	45.7	91	37-130	
Nitrobenzene	ug/L	50	38.6	77	36-130	
Pentachlorophenol	ug/L	100	100	100	23-149	
Phenanthrene	ug/L	50	48.1	96	44-130	
Phenol	ug/L	50	24.9	50	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

LABORATORY CONTROL SAMPLE: 3212856

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	51.9	104	47-134	
2,4,6-Tribromophenol (S)	%			108	10-144	
2-Fluorobiphenyl (S)	%			72	10-130	
2-Fluorophenol (S)	%			59	10-130	
Nitrobenzene-d5 (S)	%			81	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			121	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3212857 3212858

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529686001 Result	Spike Conc.	Spike Conc.	Result								
1-Methylnaphthalene	ug/L	15.4	50	50	50	61.6	53.4	92	76	10-130	14	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	51.1	45.6	102	91	12-142	11	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	56.1	35.6	112	71	10-143	45	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	53.7	26.5	107	53	10-147	68	30	R1
2,4-Dichlorophenol	ug/L	ND	50	50	50	53.5	40.6	107	81	10-138	27	30	
2,4-Dimethylphenol	ug/L	ND	50	50	50	52.5	48.3	105	97	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	250	250	250	284	ND	114	3	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	50	62.1	54.2	124	108	29-148	14	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	59.2	52.6	118	105	26-146	12	30	
2-Chloronaphthalene	ug/L	ND	50	50	50	46.2	38.7	92	77	11-130	18	30	
2-Chlorophenol	ug/L	ND	50	50	50	49.6	40.5	99	81	10-133	20	30	
2-Methylnaphthalene	ug/L	10.9	50	50	50	57.1	48.6	92	75	13-130	16	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	48.4	43.6	97	87	20-130	10	30	
2-Nitroaniline	ug/L	ND	100	100	100	115	100	115	100	24-136	14	30	
2-Nitrophenol	ug/L	ND	50	50	50	56.5	43.2	113	86	10-153	27	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	50	45.2	42.3	90	85	16-130	7	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	100	90.9	111	91	111	10-153	20	30	
3-Nitroaniline	ug/L	ND	100	100	100	111	103	111	103	22-151	8	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	100	117	20.7	117	21	10-180	140	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	50	57.9	51.7	116	103	25-130	11	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	100	104	94.2	104	94	25-133	10	30	
4-Chloroaniline	ug/L	ND	100	100	100	96.2	91.2	96	91	14-132	5	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	50	51.0	45.0	102	90	19-130	12	30	
4-Nitroaniline	ug/L	ND	100	100	100	117	112	117	112	29-150	4	30	
4-Nitrophenol	ug/L	ND	250	250	250	173	24.5J	69	10	10-130		30	
Acenaphthene	ug/L	ND	50	50	50	52.8	44.7	102	86	16-130	17	30	
Acenaphthylene	ug/L	ND	50	50	50	52.6	45.1	105	90	15-137	15	30	
Aniline	ug/L	ND	50	50	50	36.4	40.5	73	81	10-130	11	30	
Anthracene	ug/L	ND	50	50	50	58.6	52.2	117	104	37-136	11	30	
Benzo(a)anthracene	ug/L	ND	50	50	50	62.6	59.6	125	119	40-145	5	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	50	62.9	58.8	126	118	39-151	7	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	50	71.5	66.1	143	132	40-147	8	30	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Parameter	Units	3212857		3212858		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92529686001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Benzo(k)fluoranthene	ug/L	ND	50	50	62.7	56.7	125	113	40-146	10	30		
Benzoic Acid	ug/L	ND	250	250	171	ND	69	0	10-130		30	M1	
Benzyl alcohol	ug/L	ND	100	100	105	96.6	105	97	25-130	8	30		
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	55.0	49.2	110	98	23-130	11	30		
bis(2-Chloroethyl) ether	ug/L	ND	50	50	58.2	51.9	116	104	25-130	11	30		
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	66.0	60.9	132	122	28-166	8	30		
Butylbenzylphthalate	ug/L	ND	50	50	68.4	62.8	137	126	33-165	9	30		
Chrysene	ug/L	ND	50	50	61.0	58.2	122	116	38-141	5	30		
Di-n-butylphthalate	ug/L	ND	50	50	62.8	57.7	126	115	32-153	8	30		
Di-n-octylphthalate	ug/L	ND	50	50	63.9	59.4	128	119	30-175	7	30		
Dibenz(a,h)anthracene	ug/L	ND	50	50	69.4	65.6	139	131	39-148	6	30		
Dibenzofuran	ug/L	ND	50	50	52.3	46.0	105	92	20-130	13	30		
Diethylphthalate	ug/L	ND	50	50	58.3	51.8	117	104	28-142	12	30		
Dimethylphthalate	ug/L	ND	50	50	56.5	49.3	113	99	26-136	14	30		
Fluoranthene	ug/L	ND	50	50	59.7	57.2	119	114	39-143	4	30		
Fluorene	ug/L	ND	50	50	57.8	49.4	109	92	24-132	16	30		
Hexachlorobenzene	ug/L	ND	50	50	50.9	47.8	102	96	29-130	6	30		
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.8	25.6	66	51	10-130	24	30		
Hexachloroethane	ug/L	ND	50	50	40.5	34.1	81	68	10-130	17	30		
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	70.1	66.4	140	133	39-148	5	30		
Isophorone	ug/L	ND	50	50	54.3	48.4	109	97	23-130	12	30		
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	55.8	50.7	112	101	25-130	10	30		
N-Nitrosodimethylamine	ug/L	ND	50	50	47.9	44.7	96	89	22-130	7	30		
N-Nitrosodiphenylamine	ug/L	ND	50	50	52.8	48.2	106	96	26-134	9	30		
Nitrobenzene	ug/L	ND	50	50	54.3	49.0	109	98	25-130	10	30		
Pentachlorophenol	ug/L	ND	100	100	122	40.6	122	41	10-175	100	30	R1	
Phenanthrene	ug/L	ND	50	50	61.2	55.7	114	103	36-133	9	30		
Phenol	ug/L	ND	50	50	31.2	29.2	60	56	10-130	7	30		
Pyrene	ug/L	ND	50	50	65.8	57.8	132	116	40-143	13	30		
2,4,6-Tribromophenol (S)	%						130	84	10-144				
2-Fluorobiphenyl (S)	%						97	81	10-130				
2-Fluorophenol (S)	%						74	51	10-130				
Nitrobenzene-d5 (S)	%						106	96	10-144				
Phenol-d6 (S)	%						58	53	10-130				
Terphenyl-d14 (S)	%						142	129	34-163				

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 609834 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511 Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92529550001, 92529550002, 92529550003, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

METHOD BLANK: 3211822 Matrix: Water
Associated Lab Samples: 92529550001, 92529550002, 92529550003, 92529550004, 92529550005, 92529550006, 92529550007, 92529550008, 92529550009, 92529550010, 92529550012, 92529550013, 92529550014, 92529550015, 92529550016, 92529550017, 92529550018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/29/21 12:06	
2-Fluorobiphenyl (S)	%	116	61-163		03/29/21 12:06	
Nitrobenzene-d5 (S)	%	119	67-170		03/29/21 12:06	
Terphenyl-d14 (S)	%	108	62-169		03/29/21 12:06	

LABORATORY CONTROL SAMPLE: 3211823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.8	74	70-130	
2-Fluorobiphenyl (S)	%			109	61-163	
Nitrobenzene-d5 (S)	%			92	67-170	
Terphenyl-d14 (S)	%			94	62-169	

MATRIX SPIKE SAMPLE: 3211824

Parameter	Units	92529550001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	ND	2.5	1.9	74	50-165	
2-Fluorobiphenyl (S)	%				121	61-163	
Nitrobenzene-d5 (S)	%				100	67-170	
Terphenyl-d14 (S)	%				99	62-169	

SAMPLE DUPLICATE: 3211825

Parameter	Units	92529550002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	121	120			
Nitrobenzene-d5 (S)	%	97	117			
Terphenyl-d14 (S)	%	108	104			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

QC Batch: 610159	Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511	Analysis Description: 8270E 3511 Low Volume PAH SIM
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92529550011

METHOD BLANK: 3213048 Matrix: Water

Associated Lab Samples: 92529550011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	03/30/21 13:24	
2-Fluorobiphenyl (S)	%	132	61-163		03/30/21 13:24	
Nitrobenzene-d5 (S)	%	110	67-170		03/30/21 13:24	
Terphenyl-d14 (S)	%	113	62-169		03/30/21 13:24	

LABORATORY CONTROL SAMPLE: 3213049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.4	95	70-130	
2-Fluorobiphenyl (S)	%			136	61-163	
Nitrobenzene-d5 (S)	%			105	67-170	
Terphenyl-d14 (S)	%			117	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3213050 3213051

Parameter	Units	92530009001		MS		MSD		% Rec	% Rec	% Rec Limits	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result						
Benzo(a)pyrene	ug/L	ND	5	5	4.6	4.1	93	83	50-165	12	30	
2-Fluorobiphenyl (S)	%						124	124	61-163			
Nitrobenzene-d5 (S)	%						105	95	67-170			
Terphenyl-d14 (S)	%						115	93	62-169			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP
Pace Project No.: 92529550

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529550001	SW-12_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550002	SW-11_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550003	SW-10_WS_20210323	EPA 3510C	610114	EPA 8270E	610399
92529550004	SW-9_WS_20210323	EPA 3510C	610114	EPA 8270E	610399
92529550005	SW-8_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550006	SW-7_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550007	SW-1_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550008	SW-2_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550009	SW-3_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550010	SW-4_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550011	SW-5_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550012	SW-13_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550013	SW-6_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550014	SW-17_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550015	SW-16_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550016	SW-15_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550017	SW-14_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550018	FB-06_WS_20210323	EPA 3510C	609801	EPA 8270E	609809
92529550001	SW-12_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550002	SW-11_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550003	SW-10_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550004	SW-9_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550005	SW-8_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550006	SW-7_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550007	SW-1_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550008	SW-2_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550009	SW-3_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550010	SW-4_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550011	SW-5_WS_20210323	EPA 3511	610159	EPA 8270E by SIM	610208
92529550012	SW-13_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550013	SW-6_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550014	SW-17_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550015	SW-16_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550016	SW-15_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550017	SW-14_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550018	FB-06_WS_20210323	EPA 3511	609834	EPA 8270E by SIM	609891
92529550001	SW-12_WS_20210323	EPA 8260D	609283		
92529550002	SW-11_WS_20210323	EPA 8260D	609283		
92529550003	SW-10_WS_20210323	EPA 8260D	609286		
92529550004	SW-9_WS_20210323	EPA 8260D	609283		
92529550005	SW-8_WS_20210323	EPA 8260D	609283		
92529550006	SW-7_WS_20210323	EPA 8260D	609283		
92529550007	SW-1_WS_20210323	EPA 8260D	609283		
92529550008	SW-2_WS_20210323	EPA 8260D	609283		
92529550009	SW-3_WS_20210323	EPA 8260D	609283		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP

Pace Project No.: 92529550

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92529550010	SW-4_WS_20210323	EPA 8260D	609283		
92529550011	SW-5_WS_20210323	EPA 8260D	609283		
92529550012	SW-13_WS_20210323	EPA 8260D	609283		
92529550013	SW-6_WS_20210323	EPA 8260D	609283		
92529550014	SW-17_WS_20210323	EPA 8260D	609283		
92529550015	SW-16_WS_20210323	EPA 8260D	609283		
92529550016	SW-15_WS_20210323	EPA 8260D	609283		
92529550017	SW-14_WS_20210323	EPA 8260D	609283		
92529550018	FB-06_WS_20210323	EPA 8260D	609283		
92529550019	TB-11_WS_20210323	EPA 8260D	609283		
92529550020	TB-12_WS_20210323	EPA 8260D	609283		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name: Synterra

Project # **W0# : 92529550**



Courier: Fed Ex UPS USPS Client Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: 3-25-21
AMK

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 927064 Type of Ice: Wet Blue None

Cooler Temp: 2.4/3.1 Correction Factor: Add/Subtract (°C) 0.0°C

Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 2.4/3.1

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States; CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.	
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92529550

PM: KLH1

Due Date: 03/31/21

CLIENT: 92-Duke Ener

pg 1

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
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5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92529550

PM: KLH1

Due Date: 03/31/21

CLIENT: 92-Duke Ener

pg 2

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
4	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

April 13, 2021

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kevin Herring
kevin.herring@pacelabs.com
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Enclosures

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REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92531521001	SW-18	Water	04/05/21 10:30	04/06/21 12:10
92531521002	SW-19	Water	04/05/21 11:00	04/06/21 12:10
92531521003	SW-20	Water	04/05/21 12:30	04/06/21 12:10
92531521004	SW-21	Water	04/05/21 11:50	04/06/21 12:10
92531521005	TRIP BLANK	Water	04/06/21 00:00	04/06/21 12:10

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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92531521001	SW-18	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521002	SW-19	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521003	SW-20	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521004	SW-21	EPA 8270E	PKS	67	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92531521005	TRIP BLANK	EPA 8260D	SAS	62	PASI-C
		EPA 8260D	SAS	62	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: EPA 8270E
Description: 8270E RVE
Client: Duke Energy
Date: April 13, 2021

General Information:

4 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 612586

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 3224640)
 - Indeno(1,2,3-cd)pyrene
 - Pyrene

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: EPA 8270E by SIM
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: April 13, 2021

General Information:

4 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

QC Batch: 612981

S3: Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

- BLANK (Lab ID: 3226437)
- 2-Fluorobiphenyl (S)

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Method: EPA 8260D
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: April 13, 2021

General Information:

5 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611991

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- BLANK (Lab ID: 3221356)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- LCS (Lab ID: 3221357)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MS (Lab ID: 3221358)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- MSD (Lab ID: 3221359)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- SW-18 (Lab ID: 92531521001)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- SW-19 (Lab ID: 92531521002)
 - 2-Butanone (MEK)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 13, 2021

QC Batch: 611991

IK: The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.

- Bromoform
- Dibromochloromethane
- Vinyl acetate
- cis-1,3-Dichloropropene
- SW-20 (Lab ID: 92531521003)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- SW-21 (Lab ID: 92531521004)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene
- TRIP BLANK (Lab ID: 92531521005)
 - 2-Butanone (MEK)
 - Bromoform
 - Dibromochloromethane
 - Vinyl acetate
 - cis-1,3-Dichloropropene

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 611991

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3221356)
 - Methylene Chloride
- SW-18 (Lab ID: 92531521001)
 - Methylene Chloride
- SW-19 (Lab ID: 92531521002)
 - Methylene Chloride
- SW-20 (Lab ID: 92531521003)
 - Methylene Chloride
- SW-21 (Lab ID: 92531521004)
 - Methylene Chloride
- TRIP BLANK (Lab ID: 92531521005)
 - Methylene Chloride

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- LCS (Lab ID: 3221357)

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Method: EPA 8260D

Description: 8260 MSV Low Level SC

Client: Duke Energy

Date: April 13, 2021

QC Batch: 611991

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

- Methylene Chloride
- MS (Lab ID: 3221358)
 - Methylene Chloride
- MSD (Lab ID: 3221359)
 - Methylene Chloride

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 611991

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92531196002

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3221358)
 - Toluene
- MSD (Lab ID: 3221359)
 - Toluene

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:26	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:26	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:26	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:26	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:26	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:26	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:26	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:26	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:26	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	15831-10-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/09/21 07:03	04/09/21 15:26	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:26	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:26	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:26	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:26	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:26	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:26	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:26	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:26	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 15:26	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	04/09/21 07:03	04/09/21 15:26	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	04/09/21 07:03	04/09/21 15:26	367-12-4	
2,4,6-Tribromophenol (S)	97	%	10-144		1	04/09/21 07:03	04/09/21 15:26	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 14:43	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	98	%	67-170		1	04/12/21 10:54	04/12/21 14:43	4165-60-0	
2-Fluorobiphenyl (S)	116	%	61-163		1	04/12/21 10:54	04/12/21 14:43	321-60-8	
Terphenyl-d14 (S)	96	%	62-169		1	04/12/21 10:54	04/12/21 14:43	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/07/21 16:55	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 16:55	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 16:55	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 16:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 16:55	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 16:55	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 16:55	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 16:55	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 16:55	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 16:55	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 16:55	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 16:55	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 16:55	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 16:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 16:55	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 16:55	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-18 **Lab ID: 92531521001** Collected: 04/05/21 10:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 16:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		04/07/21 16:55	17060-07-0	
Toluene-d8 (S)	109	%	70-130		1		04/07/21 16:55	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 15:52	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 15:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 15:52	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 15:52	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 15:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 15:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 15:52	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 15:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 15:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 15:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 15:52	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 15:52	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 15:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 15:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 15:52	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 15:52	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 15:52	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 15:52	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/09/21 07:03	04/09/21 15:52	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 15:52	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 15:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 15:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 15:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 15:52	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 15:52	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 15:52	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 15:52	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 15:52	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 15:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 15:52	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	04/09/21 07:03	04/09/21 15:52	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	04/09/21 07:03	04/09/21 15:52	321-60-8	
Terphenyl-d14 (S)	84	%	34-163		1	04/09/21 07:03	04/09/21 15:52	1718-51-0	
Phenol-d6 (S)	45	%	10-130		1	04/09/21 07:03	04/09/21 15:52	13127-88-3	
2-Fluorophenol (S)	60	%	10-130		1	04/09/21 07:03	04/09/21 15:52	367-12-4	
2,4,6-Tribromophenol (S)	95	%	10-144		1	04/09/21 07:03	04/09/21 15:52	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:06	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	117	%	67-170		1	04/12/21 10:54	04/12/21 15:06	4165-60-0	
2-Fluorobiphenyl (S)	134	%	61-163		1	04/12/21 10:54	04/12/21 15:06	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:06	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/07/21 17:12	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:12	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:12	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:12	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
 Pace Project No.: 92531521

Sample: **SW-19** Lab ID: **92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 17:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:12	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:12	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:12	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:12	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:12	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:12	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:12	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:12	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:12	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:12	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-19 **Lab ID: 92531521002** Collected: 04/05/21 11:00 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 17:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		04/07/21 17:12	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:12	17060-07-0	
Toluene-d8 (S)	113	%	70-130		1		04/07/21 17:12	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
<p>8270E RVE Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte</p>									
Acenaphthene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:17	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:17	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:17	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/09/21 07:03	04/09/21 16:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:17	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	04/09/21 07:03	04/09/21 16:17	321-60-8	
Terphenyl-d14 (S)	89	%	34-163		1	04/09/21 07:03	04/09/21 16:17	1718-51-0	
Phenol-d6 (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:17	13127-88-3	
2-Fluorophenol (S)	67	%	10-130		1	04/09/21 07:03	04/09/21 16:17	367-12-4	
2,4,6-Tribromophenol (S)	99	%	10-144		1	04/09/21 07:03	04/09/21 16:17	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 15:27	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	108	%	67-170		1	04/12/21 10:54	04/12/21 15:27	4165-60-0	
2-Fluorobiphenyl (S)	113	%	61-163		1	04/12/21 10:54	04/12/21 15:27	321-60-8	
Terphenyl-d14 (S)	109	%	62-169		1	04/12/21 10:54	04/12/21 15:27	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/07/21 17:30	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:30	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:30	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:30	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Sample Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:30	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:30	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:30	630-20-6	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:30	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:30	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:30	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-20 **Lab ID: 92531521003** Collected: 04/05/21 12:30 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		04/07/21 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		04/07/21 17:30	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		04/07/21 17:30	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE			Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	04/09/21 07:03	04/09/21 16:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	04/09/21 07:03	04/09/21 16:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	04/09/21 07:03	04/09/21 16:43	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	04/09/21 07:03	04/09/21 16:43	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	04/09/21 07:03	04/09/21 16:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	04/09/21 07:03	04/09/21 16:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	04/09/21 07:03	04/09/21 16:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	04/09/21 07:03	04/09/21 16:43	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	04/09/21 07:03	04/09/21 16:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	04/09/21 07:03	04/09/21 16:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	04/09/21 07:03	04/09/21 16:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	04/09/21 07:03	04/09/21 16:43	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	04/09/21 07:03	04/09/21 16:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	04/09/21 07:03	04/09/21 16:43	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	04/09/21 07:03	04/09/21 16:43	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	04/09/21 07:03	04/09/21 16:43	86-73-7	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	04/09/21 07:03	04/09/21 16:43	193-39-5	L1
Isophorone	ND	ug/L	10.0	1.7	1	04/09/21 07:03	04/09/21 16:43	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	15831-10-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8270E RVE									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
2-Nitroaniline	ND	ug/L	20.0	3.0	1	04/09/21 07:03	04/09/21 16:43	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	04/09/21 07:03	04/09/21 16:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	04/09/21 07:03	04/09/21 16:43	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	04/09/21 07:03	04/09/21 16:43	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	04/09/21 07:03	04/09/21 16:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	04/09/21 07:03	04/09/21 16:43	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	04/09/21 07:03	04/09/21 16:43	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	04/09/21 07:03	04/09/21 16:43	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	04/09/21 07:03	04/09/21 16:43	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	04/09/21 07:03	04/09/21 16:43	129-00-0	L1
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	04/09/21 07:03	04/09/21 16:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	04/09/21 07:03	04/09/21 16:43	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	77	%	10-144		1	04/09/21 07:03	04/09/21 16:43	4165-60-0	
2-Fluorobiphenyl (S)	68	%	10-130		1	04/09/21 07:03	04/09/21 16:43	321-60-8	
Terphenyl-d14 (S)	74	%	34-163		1	04/09/21 07:03	04/09/21 16:43	1718-51-0	
Phenol-d6 (S)	39	%	10-130		1	04/09/21 07:03	04/09/21 16:43	13127-88-3	
2-Fluorophenol (S)	51	%	10-130		1	04/09/21 07:03	04/09/21 16:43	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-144		1	04/09/21 07:03	04/09/21 16:43	118-79-6	
8270E Low Volume PAH SIM									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511									
Pace Analytical Services - Charlotte									
Benzo(a)pyrene	ND	ug/L	0.10	0.043	1	04/12/21 10:54	04/12/21 16:35	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	95	%	67-170		1	04/12/21 10:54	04/12/21 16:35	4165-60-0	
2-Fluorobiphenyl (S)	117	%	61-163		1	04/12/21 10:54	04/12/21 16:35	321-60-8	
Terphenyl-d14 (S)	84	%	62-169		1	04/12/21 10:54	04/12/21 16:35	1718-51-0	
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/07/21 17:47	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 17:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 17:47	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 17:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 17:47	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 17:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 17:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 17:47	75-00-3	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: **SW-21** Lab ID: **92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC			Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 17:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 17:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 17:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 17:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 17:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 17:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 17:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 17:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 17:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 17:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 17:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 17:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 17:47	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 17:47	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 17:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 17:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 17:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 17:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 17:47	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 17:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 17:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 17:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 17:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 17:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 17:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 17:47	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 17:47	75-01-4	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: SW-21 **Lab ID: 92531521004** Collected: 04/05/21 11:50 Received: 04/06/21 12:10 Matrix: Water

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV Low Level SC									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 17:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 17:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 17:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		04/07/21 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 17:47	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 17:47	2037-26-5	

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Sample: TRIP BLANK Lab ID: 92531521005 Collected: 04/06/21 00:00 Received: 04/06/21 12:10 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC									
Analytical Method: EPA 8260D Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	5.1	1		04/07/21 11:57	67-64-1	
Benzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.47	1		04/07/21 11:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	75-27-4	
Bromoform	ND	ug/L	1.0	0.34	1		04/07/21 11:57	75-25-2	IK
Bromomethane	ND	ug/L	2.0	1.7	1		04/07/21 11:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	4.0	1		04/07/21 11:57	78-93-3	IK
Carbon tetrachloride	ND	ug/L	1.0	0.33	1		04/07/21 11:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.28	1		04/07/21 11:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		04/07/21 11:57	75-00-3	
Chloroform	ND	ug/L	5.0	1.6	1		04/07/21 11:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		04/07/21 11:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.32	1		04/07/21 11:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.34	1		04/07/21 11:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	124-48-1	IK
Dibromomethane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		04/07/21 11:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.37	1		04/07/21 11:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.35	1		04/07/21 11:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.40	1		04/07/21 11:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.36	1		04/07/21 11:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		04/07/21 11:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.39	1		04/07/21 11:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.43	1		04/07/21 11:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-01-5	IK
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.36	1		04/07/21 11:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		04/07/21 11:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		04/07/21 11:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		04/07/21 11:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.48	1		04/07/21 11:57	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.41	1		04/07/21 11:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	2.0	1		04/07/21 11:57	75-09-2	v2
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	2.7	1		04/07/21 11:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		04/07/21 11:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	91-20-3	
Styrene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.31	1		04/07/21 11:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		04/07/21 11:57	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Sample: TRIP BLANK		Lab ID: 92531521005		Collected: 04/06/21 00:00		Received: 04/06/21 12:10		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	0.29	1		04/07/21 11:57	127-18-4	
Toluene	ND	ug/L	1.0	0.48	1		04/07/21 11:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.81	1		04/07/21 11:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.64	1		04/07/21 11:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.33	1		04/07/21 11:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.32	1		04/07/21 11:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.38	1		04/07/21 11:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		04/07/21 11:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.26	1		04/07/21 11:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.3	1		04/07/21 11:57	108-05-4	IK
Vinyl chloride	ND	ug/L	1.0	0.39	1		04/07/21 11:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.34	1		04/07/21 11:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		04/07/21 11:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		04/07/21 11:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/07/21 11:57	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		04/07/21 11:57	17060-07-0	
Toluene-d8 (S)	111	%	70-130		1		04/07/21 11:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

QC Batch: 611991

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

METHOD BLANK: 3221356

Matrix: Water

Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.33	04/07/21 11:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	04/07/21 11:40	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,1-Dichloroethane	ug/L	ND	1.0	0.37	04/07/21 11:40	
1,1-Dichloroethene	ug/L	ND	1.0	0.35	04/07/21 11:40	
1,1-Dichloropropene	ug/L	ND	1.0	0.43	04/07/21 11:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.81	04/07/21 11:40	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.26	04/07/21 11:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.64	04/07/21 11:40	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.34	04/07/21 11:40	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane	ug/L	ND	1.0	0.32	04/07/21 11:40	
1,2-Dichloropropane	ug/L	ND	1.0	0.36	04/07/21 11:40	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,3-Dichloropropane	ug/L	ND	1.0	0.28	04/07/21 11:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.33	04/07/21 11:40	
2,2-Dichloropropane	ug/L	ND	1.0	0.39	04/07/21 11:40	
2-Butanone (MEK)	ug/L	ND	5.0	4.0	04/07/21 11:40	IK
2-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
2-Hexanone	ug/L	ND	5.0	0.48	04/07/21 11:40	
4-Chlorotoluene	ug/L	ND	1.0	0.32	04/07/21 11:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	2.7	04/07/21 11:40	
Acetone	ug/L	ND	25.0	5.1	04/07/21 11:40	
Benzene	ug/L	ND	1.0	0.34	04/07/21 11:40	
Bromobenzene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Bromochloromethane	ug/L	ND	1.0	0.47	04/07/21 11:40	
Bromodichloromethane	ug/L	ND	1.0	0.31	04/07/21 11:40	
Bromoform	ug/L	ND	1.0	0.34	04/07/21 11:40	IK
Bromomethane	ug/L	ND	2.0	1.7	04/07/21 11:40	
Carbon tetrachloride	ug/L	ND	1.0	0.33	04/07/21 11:40	
Chlorobenzene	ug/L	ND	1.0	0.28	04/07/21 11:40	
Chloroethane	ug/L	ND	1.0	0.65	04/07/21 11:40	
Chloroform	ug/L	ND	5.0	1.6	04/07/21 11:40	
Chloromethane	ug/L	ND	1.0	0.54	04/07/21 11:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromochloromethane	ug/L	ND	1.0	0.36	04/07/21 11:40	IK
Dibromomethane	ug/L	ND	1.0	0.39	04/07/21 11:40	
Dichlorodifluoromethane	ug/L	ND	1.0	0.35	04/07/21 11:40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

METHOD BLANK: 3221356

Matrix: Water

Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004, 92531521005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.31	04/07/21 11:40	
Ethylbenzene	ug/L	ND	1.0	0.30	04/07/21 11:40	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	04/07/21 11:40	
m&p-Xylene	ug/L	ND	2.0	0.71	04/07/21 11:40	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	04/07/21 11:40	
Methylene Chloride	ug/L	ND	5.0	2.0	04/07/21 11:40	v2
Naphthalene	ug/L	ND	1.0	0.64	04/07/21 11:40	
o-Xylene	ug/L	ND	1.0	0.34	04/07/21 11:40	
p-Isopropyltoluene	ug/L	ND	1.0	0.41	04/07/21 11:40	
Styrene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Tetrachloroethene	ug/L	ND	1.0	0.29	04/07/21 11:40	
Toluene	ug/L	ND	1.0	0.48	04/07/21 11:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.40	04/07/21 11:40	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.36	04/07/21 11:40	
Trichloroethene	ug/L	ND	1.0	0.38	04/07/21 11:40	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	04/07/21 11:40	
Vinyl acetate	ug/L	ND	2.0	1.3	04/07/21 11:40	IK
Vinyl chloride	ug/L	ND	1.0	0.39	04/07/21 11:40	
Xylene (Total)	ug/L	ND	1.0	0.34	04/07/21 11:40	
1,2-Dichloroethane-d4 (S)	%	90	70-130		04/07/21 11:40	
4-Bromofluorobenzene (S)	%	99	70-130		04/07/21 11:40	
Toluene-d8 (S)	%	113	70-130		04/07/21 11:40	

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.3	89	70-130	
1,1,1-Trichloroethane	ug/L	50	59.0	118	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	70-130	
1,1,2-Trichloroethane	ug/L	50	44.3	89	70-130	
1,1-Dichloroethane	ug/L	50	54.8	110	70-130	
1,1-Dichloroethene	ug/L	50	51.8	104	70-130	
1,1-Dichloropropene	ug/L	50	51.8	104	70-130	
1,2,3-Trichlorobenzene	ug/L	50	55.6	111	70-130	
1,2,3-Trichloropropane	ug/L	50	47.4	95	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	53.1	106	70-130	
1,2-Dichloropropane	ug/L	50	56.2	112	70-130	
1,3-Dichlorobenzene	ug/L	50	49.7	99	70-130	
1,3-Dichloropropane	ug/L	50	45.3	91	70-130	
1,4-Dichlorobenzene	ug/L	50	51.0	102	70-130	
2,2-Dichloropropane	ug/L	50	60.2	120	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3221357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	111	111	70-130	IK
2-Chlorotoluene	ug/L	50	51.6	103	70-130	
2-Hexanone	ug/L	100	89.9	90	70-130	
4-Chlorotoluene	ug/L	50	49.9	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	87.4	87	70-130	
Acetone	ug/L	100	101	101	70-130	
Benzene	ug/L	50	56.2	112	70-130	
Bromobenzene	ug/L	50	51.7	103	70-130	
Bromochloromethane	ug/L	50	59.3	119	70-130	
Bromodichloromethane	ug/L	50	54.1	108	70-130	
Bromoform	ug/L	50	44.5	89	70-130	IK
Bromomethane	ug/L	50	54.6	109	70-130	
Carbon tetrachloride	ug/L	50	58.4	117	70-130	
Chlorobenzene	ug/L	50	50.8	102	70-130	
Chloroethane	ug/L	50	50.3	101	70-130	
Chloroform	ug/L	50	56.7	113	70-130	
Chloromethane	ug/L	50	48.3	97	70-130	
cis-1,2-Dichloroethene	ug/L	50	52.5	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	50.0	100	70-130	IK
Dibromochloromethane	ug/L	50	47.5	95	70-130	IK
Dibromomethane	ug/L	50	50.3	101	70-130	
Dichlorodifluoromethane	ug/L	50	52.3	105	70-130	
Diisopropyl ether	ug/L	50	52.3	105	70-130	
Ethylbenzene	ug/L	50	50.5	101	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.9	110	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	43.1	86	70-130	v3
Naphthalene	ug/L	50	51.4	103	70-130	
o-Xylene	ug/L	50	51.5	103	70-130	
p-Isopropyltoluene	ug/L	50	53.9	108	70-130	
Styrene	ug/L	50	50.6	101	70-130	
Tetrachloroethene	ug/L	50	52.6	105	70-130	
Toluene	ug/L	50	49.8	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.0	106	70-130	
trans-1,3-Dichloropropene	ug/L	50	43.7	87	70-130	
Trichloroethene	ug/L	50	59.7	119	70-130	
Trichlorofluoromethane	ug/L	50	49.5	99	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	IK
Vinyl chloride	ug/L	50	49.3	99	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Parameter	Units	92531196002		MS		MSD		MS		MSD		% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec									
1,1,1,2-Tetrachloroethane	ug/L	ND	2500	2500	2110	2380	85	95	73-134	12	30						
1,1,1-Trichloroethane	ug/L	ND	2500	2500	2870	3220	115	129	82-143	12	30						
1,1,2,2-Tetrachloroethane	ug/L	ND	2500	2500	2120	2540	85	102	70-136	18	30						
1,1,2-Trichloroethane	ug/L	ND	2500	2500	2320	2510	93	100	70-135	8	30						
1,1-Dichloroethane	ug/L	ND	2500	2500	2620	2930	105	117	70-139	11	30						
1,1-Dichloroethene	ug/L	ND	2500	2500	2400	2690	96	108	70-154	11	30						
1,1-Dichloropropene	ug/L	ND	2500	2500	2270	2670	91	107	70-149	16	30						
1,2,3-Trichlorobenzene	ug/L	ND	2500	2500	2470	2670	99	107	70-135	8	30						
1,2,3-Trichloropropane	ug/L	ND	2500	2500	2230	2490	89	100	71-137	11	30						
1,2,4-Trichlorobenzene	ug/L	ND	2500	2500	2260	2680	90	107	73-140	17	30						
1,2-Dibromo-3-chloropropane	ug/L	ND	2500	2500	2310	2680	92	107	65-134	15	30						
1,2-Dichlorobenzene	ug/L	ND	2500	2500	2350	2710	94	108	70-133	14	30						
1,2-Dichloroethane	ug/L	ND	2500	2500	2610	2820	104	113	70-137	8	30						
1,2-Dichloropropane	ug/L	ND	2500	2500	2600	2740	104	110	70-140	5	30						
1,3-Dichlorobenzene	ug/L	ND	2500	2500	2340	2690	94	107	70-135	14	30						
1,3-Dichloropropane	ug/L	ND	2500	2500	2010	2290	80	92	70-143	13	30						
1,4-Dichlorobenzene	ug/L	ND	2500	2500	2420	2640	97	106	70-133	9	30						
2,2-Dichloropropane	ug/L	ND	2500	2500	2580	2900	103	116	61-148	12	30						
2-Butanone (MEK)	ug/L	ND	5000	5000	4700	5180	94	104	60-139	10	30	IK					
2-Chlorotoluene	ug/L	ND	2500	2500	2160	2460	86	98	70-144	13	30						
2-Hexanone	ug/L	ND	5000	5000	3980	4610	80	92	65-138	15	30						
4-Chlorotoluene	ug/L	ND	2500	2500	2330	2590	93	104	70-137	10	30						
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5000	5000	4020	4490	80	90	65-135	11	30						
Acetone	ug/L	ND	5000	5000	4630	5120	93	102	60-148	10	30						
Benzene	ug/L	3070	2500	2500	6070	6360	120	132	70-151	5	30						
Bromobenzene	ug/L	ND	2500	2500	2520	2660	101	106	70-136	5	30						
Bromochloromethane	ug/L	ND	2500	2500	2720	2960	109	118	70-141	8	30						
Bromodichloromethane	ug/L	ND	2500	2500	2520	2760	101	110	70-138	9	30						
Bromoform	ug/L	ND	2500	2500	1940	2180	78	87	63-130	11	30	IK					
Bromomethane	ug/L	ND	2500	2500	2180	2520	87	101	15-152	15	30						
Carbon tetrachloride	ug/L	ND	2500	2500	2720	3010	109	120	70-143	10	30						
Chlorobenzene	ug/L	ND	2500	2500	2460	2750	99	110	70-138	11	30						
Chloroethane	ug/L	ND	2500	2500	2700	3030	108	121	52-163	11	30						
Chloroform	ug/L	ND	2500	2500	2700	2970	104	114	70-139	10	30						
Chloromethane	ug/L	ND	2500	2500	1900	2120	76	85	41-139	11	30						
cis-1,2-Dichloroethene	ug/L	ND	2500	2500	2540	2830	101	113	70-141	11	30						
cis-1,3-Dichloropropene	ug/L	ND	2500	2500	2150	2450	86	98	70-137	13	30	IK					
Dibromochloromethane	ug/L	ND	2500	2500	2010	2360	80	94	70-134	16	30	IK					
Dibromomethane	ug/L	ND	2500	2500	2240	2760	89	110	70-138	21	30						
Dichlorodifluoromethane	ug/L	ND	2500	2500	1810	2060	72	82	47-155	13	30						
Diisopropyl ether	ug/L	ND	2500	2500	2360	2570	94	103	63-144	9	30						
Ethylbenzene	ug/L	1500	2500	2500	4000	4340	100	114	66-153	8	30						
Hexachloro-1,3-butadiene	ug/L	ND	2500	2500	2370	2610	95	104	65-149	9	30						
m&p-Xylene	ug/L	7990	5000	5000	12900	13600	98	112	69-152	5	30						

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

Parameter	Units	3221358		3221359		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		92531196002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Methyl-tert-butyl ether	ug/L	ND	2500	2500	2210	2530	88	101	54-156	14	30		
Methylene Chloride	ug/L	ND	2500	2500	2130	2330	85	93	42-159	9	30	v3	
Naphthalene	ug/L	832	2500	2500	2990	3380	86	102	61-148	12	30		
o-Xylene	ug/L	4240	2500	2500	6650	7040	97	112	70-148	6	30		
p-Isopropyltoluene	ug/L	ND	2500	2500	2320	2740	93	109	70-146	16	30		
Styrene	ug/L	ND	2500	2500	2450	2890	98	115	70-135	16	30		
Tetrachloroethene	ug/L	ND	2500	2500	2630	2740	105	109	59-143	4	30		
Toluene	ug/L	18400	2500	2500	19000	19500	24	44	59-148	3	30	M1	
trans-1,2-Dichloroethene	ug/L	ND	2500	2500	2440	3000	98	120	70-146	20	30		
trans-1,3-Dichloropropene	ug/L	ND	2500	2500	2260	2390	90	96	70-135	6	30		
Trichloroethene	ug/L	ND	2500	2500	2760	3060	110	122	70-147	10	30		
Trichlorofluoromethane	ug/L	ND	2500	2500	2350	2700	94	108	70-148	14	30		
Vinyl acetate	ug/L	ND	5000	5000	4950	5410	99	108	49-151	9	30	IK	
Vinyl chloride	ug/L	ND	2500	2500	2410	2560	97	102	70-156	6	30		
Xylene (Total)	ug/L	12200	7500	7500	19500	20600	98	112	63-158	6	30		
1,2-Dichloroethane-d4 (S)	%						106	102	70-130				
4-Bromofluorobenzene (S)	%						94	95	70-130				
Toluene-d8 (S)	%						98	96	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612586 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3224639 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	2.0	04/08/21 11:56	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	04/08/21 11:56	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	04/08/21 11:56	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	04/08/21 11:56	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	04/08/21 11:56	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	04/08/21 11:56	
2-Chlorophenol	ug/L	ND	10.0	1.2	04/08/21 11:56	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	04/08/21 11:56	
2-Nitroaniline	ug/L	ND	20.0	3.0	04/08/21 11:56	
2-Nitrophenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	04/08/21 11:56	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	04/08/21 11:56	
3-Nitroaniline	ug/L	ND	20.0	3.8	04/08/21 11:56	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	04/08/21 11:56	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	04/08/21 11:56	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	04/08/21 11:56	
4-Chloroaniline	ug/L	ND	20.0	3.6	04/08/21 11:56	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	04/08/21 11:56	
4-Nitroaniline	ug/L	ND	20.0	5.1	04/08/21 11:56	
4-Nitrophenol	ug/L	ND	50.0	6.6	04/08/21 11:56	
Acenaphthene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Acenaphthylene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Aniline	ug/L	ND	10.0	1.6	04/08/21 11:56	
Anthracene	ug/L	ND	10.0	2.3	04/08/21 11:56	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	04/08/21 11:56	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	04/08/21 11:56	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	04/08/21 11:56	
Benzoic Acid	ug/L	ND	50.0	3.4	04/08/21 11:56	
Benzyl alcohol	ug/L	ND	20.0	2.9	04/08/21 11:56	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	04/08/21 11:56	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	04/08/21 11:56	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	04/08/21 11:56	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	04/08/21 11:56	
Chrysene	ug/L	ND	10.0	2.8	04/08/21 11:56	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

METHOD BLANK: 3224639

Matrix: Water

Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Di-n-butylphthalate	ug/L	ND	10.0	2.2	04/08/21 11:56	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	04/08/21 11:56	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	04/08/21 11:56	
Dibenzofuran	ug/L	ND	10.0	2.1	04/08/21 11:56	
Diethylphthalate	ug/L	ND	10.0	2.0	04/08/21 11:56	
Dimethylphthalate	ug/L	ND	10.0	2.1	04/08/21 11:56	
Fluoranthene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Fluorene	ug/L	ND	10.0	2.1	04/08/21 11:56	
Hexachlorobenzene	ug/L	ND	10.0	2.2	04/08/21 11:56	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	04/08/21 11:56	
Hexachloroethane	ug/L	ND	10.0	1.4	04/08/21 11:56	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	04/08/21 11:56	
Isophorone	ug/L	ND	10.0	1.7	04/08/21 11:56	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	04/08/21 11:56	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	04/08/21 11:56	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	04/08/21 11:56	
Nitrobenzene	ug/L	ND	10.0	1.9	04/08/21 11:56	
Pentachlorophenol	ug/L	ND	20.0	3.8	04/08/21 11:56	
Phenanthrene	ug/L	ND	10.0	2.0	04/08/21 11:56	
Phenol	ug/L	ND	10.0	1.4	04/08/21 11:56	
Pyrene	ug/L	ND	10.0	2.2	04/08/21 11:56	
2,4,6-Tribromophenol (S)	%	78	10-144		04/08/21 11:56	
2-Fluorobiphenyl (S)	%	74	10-130		04/08/21 11:56	
2-Fluorophenol (S)	%	57	10-130		04/08/21 11:56	
Nitrobenzene-d5 (S)	%	84	10-144		04/08/21 11:56	
Phenol-d6 (S)	%	47	10-130		04/08/21 11:56	
Terphenyl-d14 (S)	%	98	34-163		04/08/21 11:56	

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	33.2	66	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	35.4	71	28-130	
2,4,5-Trichlorophenol	ug/L	50	41.0	82	35-130	
2,4,6-Trichlorophenol	ug/L	50	38.7	77	31-130	
2,4-Dichlorophenol	ug/L	50	38.0	76	35-130	
2,4-Dimethylphenol	ug/L	50	38.9	78	34-130	
2,4-Dinitrophenol	ug/L	250	270	108	10-153	
2,4-Dinitrotoluene	ug/L	50	57.1	114	37-136	
2,6-Dinitrotoluene	ug/L	50	48.7	97	33-136	
2-Chloronaphthalene	ug/L	50	33.0	66	26-130	
2-Chlorophenol	ug/L	50	35.8	72	37-130	
2-Methylnaphthalene	ug/L	50	33.3	67	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	34.2	68	35-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Nitroaniline	ug/L	100	90.0	90	37-130	
2-Nitrophenol	ug/L	50	39.7	79	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	31.7	63	34-130	
3,3'-Dichlorobenzidine	ug/L	100	125	125	34-136	
3-Nitroaniline	ug/L	100	101	101	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	128	128	21-157	
4-Bromophenylphenyl ether	ug/L	50	55.0	110	38-130	
4-Chloro-3-methylphenol	ug/L	100	76.3	76	37-130	
4-Chloroaniline	ug/L	100	67.8	68	38-130	
4-Chlorophenylphenyl ether	ug/L	50	40.4	81	33-130	
4-Nitroaniline	ug/L	100	118	118	42-137	
4-Nitrophenol	ug/L	250	176	71	10-130	
Acenaphthene	ug/L	50	37.2	74	33-130	
Acenaphthylene	ug/L	50	38.0	76	35-130	
Aniline	ug/L	50	30.1	60	22-130	
Anthracene	ug/L	50	58.3	117	48-130	
Benzo(a)anthracene	ug/L	50	66.0	132	48-137	
Benzo(b)fluoranthene	ug/L	50	66.1	132	52-138	
Benzo(g,h,i)perylene	ug/L	50	67.7	135	48-140	
Benzo(k)fluoranthene	ug/L	50	64.7	129	48-139	
Benzoic Acid	ug/L	250	124	49	10-130	
Benzyl alcohol	ug/L	100	72.2	72	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	37.2	74	34-130	
bis(2-Chloroethyl) ether	ug/L	50	38.9	78	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	73.1	146	32-165	
Butylbenzylphthalate	ug/L	50	70.8	142	34-161	
Chrysene	ug/L	50	63.5	127	47-131	
Di-n-butylphthalate	ug/L	50	65.6	131	39-144	
Di-n-octylphthalate	ug/L	50	67.1	134	30-170	
Dibenz(a,h)anthracene	ug/L	50	65.9	132	49-138	
Dibenzofuran	ug/L	50	39.1	78	33-130	
Diethylphthalate	ug/L	50	55.3	111	38-131	
Dimethylphthalate	ug/L	50	47.5	95	37-130	
Fluoranthene	ug/L	50	62.6	125	46-137	
Fluorene	ug/L	50	43.8	88	37-130	
Hexachlorobenzene	ug/L	50	50.8	102	38-130	
Hexachlorocyclopentadiene	ug/L	50	21.9	44	10-130	
Hexachloroethane	ug/L	50	22.8	46	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	68.2	136	41-130 L1	
Isophorone	ug/L	50	36.5	73	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	37.5	75	36-130	
N-Nitrosodimethylamine	ug/L	50	34.3	69	34-130	
N-Nitrosodiphenylamine	ug/L	50	51.7	103	37-130	
Nitrobenzene	ug/L	50	38.4	77	36-130	
Pentachlorophenol	ug/L	100	130	130	23-149	
Phenanthrene	ug/L	50	57.5	115	44-130	
Phenol	ug/L	50	22.7	45	18-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

LABORATORY CONTROL SAMPLE: 3224640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/L	50	68.1	136	47-134	L1
2,4,6-Tribromophenol (S)	%			123	10-144	
2-Fluorobiphenyl (S)	%			65	10-130	
2-Fluorophenol (S)	%			54	10-130	
Nitrobenzene-d5 (S)	%			77	10-144	
Phenol-d6 (S)	%			43	10-130	
Terphenyl-d14 (S)	%			112	34-163	

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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE MGP J21040144
Pace Project No.: 92531521

QC Batch: 612981 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3511 Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

METHOD BLANK: 3226437 Matrix: Water
Associated Lab Samples: 92531521001, 92531521002, 92531521003, 92531521004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.043	04/12/21 13:58	
2-Fluorobiphenyl (S)	%	166	61-163		04/12/21 13:58	S3
Nitrobenzene-d5 (S)	%	135	67-170		04/12/21 13:58	
Terphenyl-d14 (S)	%	134	62-169		04/12/21 13:58	

LABORATORY CONTROL SAMPLE: 3226438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	1.9	75	70-130	
2-Fluorobiphenyl (S)	%			141	61-163	
Nitrobenzene-d5 (S)	%			110	67-170	
Terphenyl-d14 (S)	%			103	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3226439 3226440

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92531521003 Result	Spike Conc.	Spike Conc.	Result						
Benzo(a)pyrene	ug/L	ND	2.5	2.5	1.7	1.6	70	65	50-165	7	30
2-Fluorobiphenyl (S)	%						118	125	61-163		
Nitrobenzene-d5 (S)	%						99	97	67-170		
Terphenyl-d14 (S)	%						95	91	62-169		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| IK | The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample. |
| v2 | The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard. |
| v3 | The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE MGP J21040144

Pace Project No.: 92531521

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92531521001	SW-18	EPA 3510C	612586	EPA 8270E	612675
92531521002	SW-19	EPA 3510C	612586	EPA 8270E	612675
92531521003	SW-20	EPA 3510C	612586	EPA 8270E	612675
92531521004	SW-21	EPA 3510C	612586	EPA 8270E	612675
92531521001	SW-18	EPA 3511	612981	EPA 8270E by SIM	613090
92531521002	SW-19	EPA 3511	612981	EPA 8270E by SIM	613090
92531521003	SW-20	EPA 3511	612981	EPA 8270E by SIM	613090
92531521004	SW-21	EPA 3511	612981	EPA 8270E by SIM	613090
92531521001	SW-18	EPA 8260D	611991		
92531521002	SW-19	EPA 8260D	611991		
92531521003	SW-20	EPA 8260D	611991		
92531521004	SW-21	EPA 8260D	611991		
92531521005	TRIP BLANK	EPA 8260D	611991		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville Eden Greenwood Huntersville Raleigh Mechanicsville Atlanta Kernersville

Sample Condition Upon Receipt

Client Name:

Synterra

Project #:

WO# : 92531521



92531521

Date/Initials Person Examining Contents: 4-6-21 AR

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other: _____

Custody Seal Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 93-T071 Type of Ice: Wet Blue None

Cooler Temp: 5.3 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.3

USDA Regulated Soil (N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?
 Yes No

Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? Yes No

	Comments/Discrepancy:
Chain of Custody Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>	
Headspace In VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project

WO# : 92531521

PM: KLH1

Due Date: 04/13/21

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (C-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (C-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (C-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (C-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (C-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(C-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	2	/	3
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5	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/
6	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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10	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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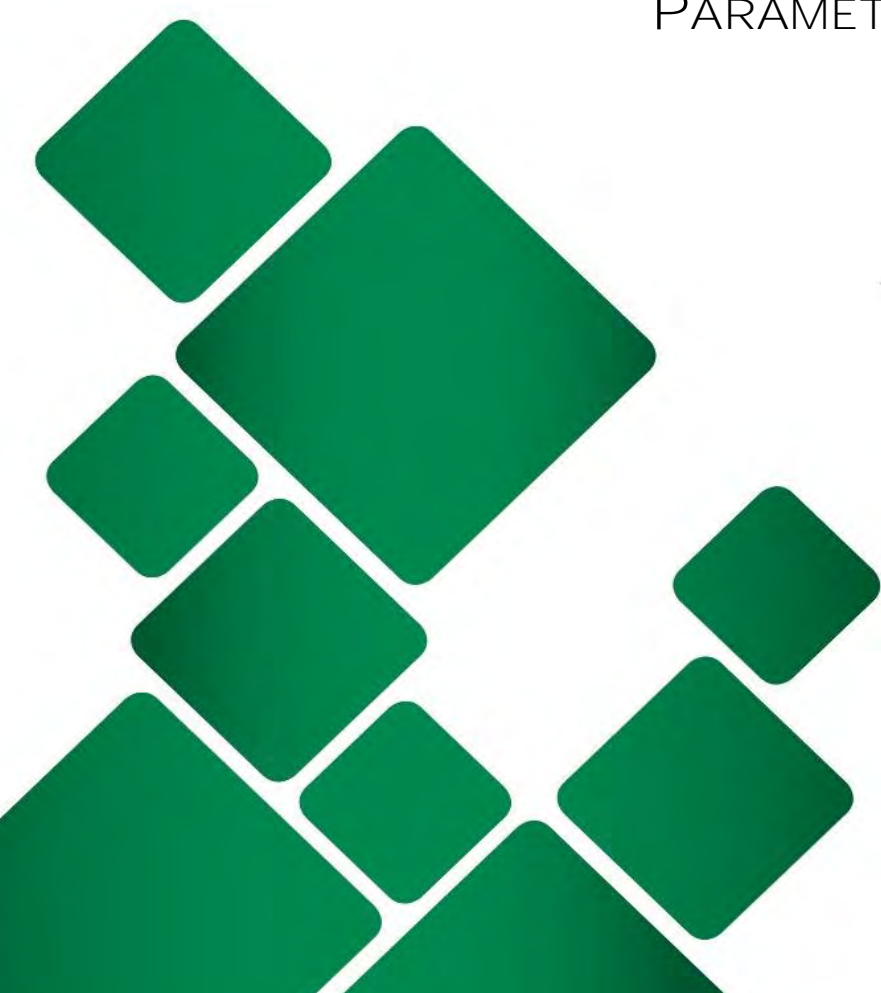
pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

APPENDIX D

MONITORED NATURAL ATTENUATION (MNA) PARAMETERS



Appendix D
PROPOSED GROUNDWATER ATTENUATION MONITORING SAMPLING MATRIX
 Bramlette Former MGP Site
 Greenville, South Carolina

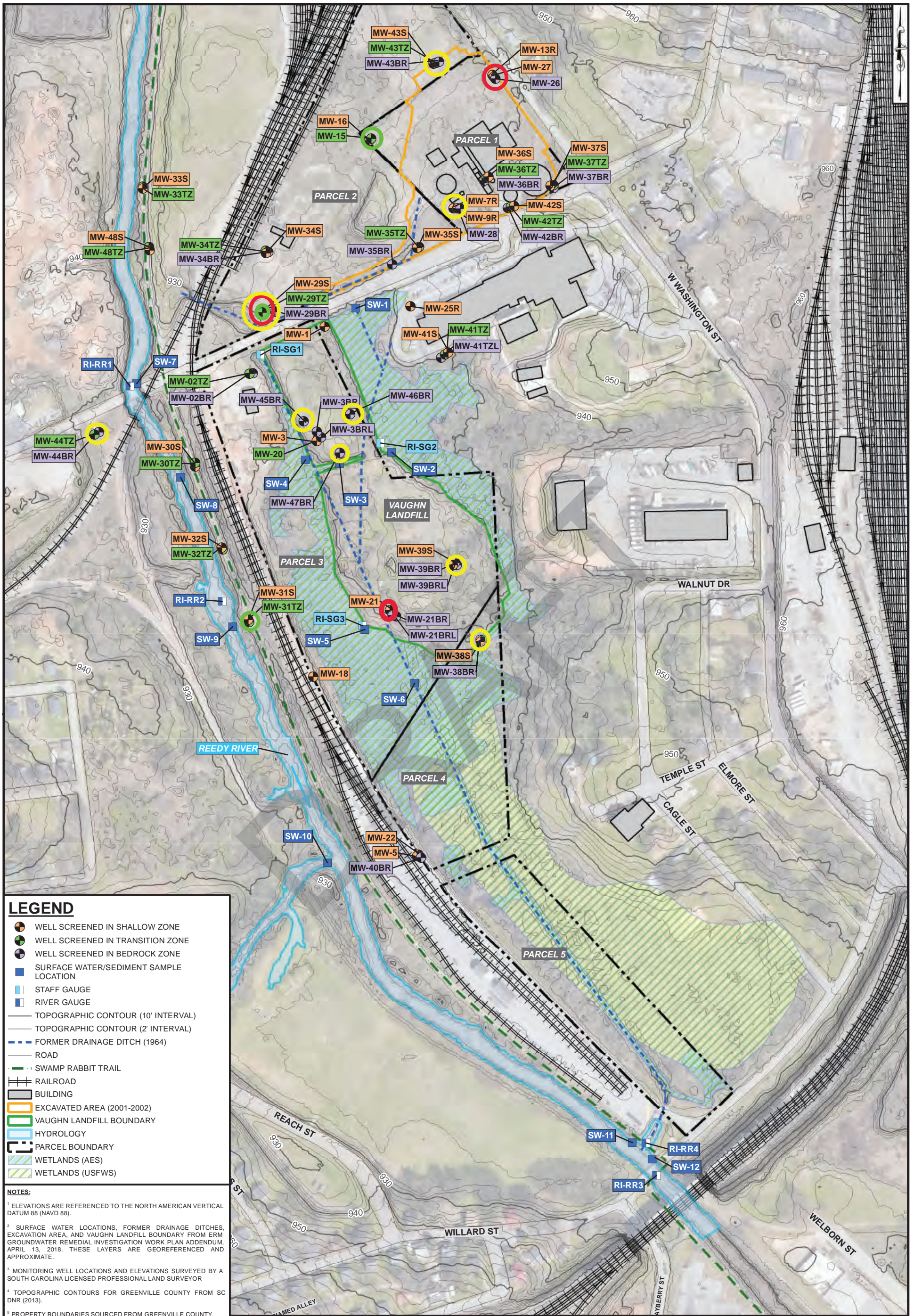
Well ID	Screen Depth (ft bls)	8260-VOC 8270-SVOC/PAH	Field Parameters ⁽¹⁾	Natural Attenuation Parameters ⁽²⁾	Sampling Rationale
Shallow Aquifer System					
MW-13R	10 - 20	X	X	X	Parcel 1. Collect baseline attenuation parameters from hydraulically upgradient of the existing shallow groundwater plume.
MW-29S	5 - 15	X	X	X	Parcel 2. Collect baseline attenuation parameters from hydraulically upgradient of the existing shallow groundwater plume.
MW-21	5 - 18	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the southern portion of the dissolved phase shallow plume. Evaluate parameters associated with low-level benzene concentrations (on the order of 6 to 10 ug/L).
Transition Zone and Bedrock Aquifer System					
MW-29TZ	26 - 31	X	X	X	Parcel 2. Collect and evaluate attenuation parameters within the northern portion of the dissolved phase transition zone plume. Evaluate parameters associated with high-level benzene and naphthalene concentrations in groundwater.
MW-15	50 - 55	X	X	X	Parcel 1. Collect baseline attenuation parameters from hydraulically upgradient of the existing transition zone groundwater plume.
MW-31TZ	28 - 38	X	X	X	West of Site. Collect and evaluate attenuation parameters hydraulically downgradient of the dissolved phase transition zone plume.
MW-28	35 - 45	X	X	X	Parcel 1. Collect baseline attenuation parameters from hydraulically upgradient of the existing bedrock groundwater plume.
MW-39BR	45 - 50	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the central portion of the dissolved phase upper bedrock plume. Evaluate parameters associated with moderate levels of benzene and naphthalene concentrations in bedrock groundwater.
MW-38BR	42 - 47	X	X	X	Parcel 4. Collect and evaluate attenuation parameters hydraulically downgradient of the dissolved phase lower bedrock plume.
MW-44BR	50 - 60	X	X	X	West of Site. Collect and evaluate attenuation parameters hydraulically sidegradient of the dissolved phase upper bedrock plume.
MW-29BR	81 - 86	X	X	X	Parcel 2. Collect baseline attenuation parameters from hydraulically upgradient of the existing shallow bedrock plume.
MW-39BRL	75 - 80	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the central portion of the dissolved phase lower bedrock plume. Evaluate parameters associated with moderate levels of benzene and naphthalene concentrations in bedrock groundwater.
MW-45BR	80 - 90	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the central portion of the dissolved phase transition zone plume. Evaluate parameters associated with moderate levels of benzene and naphthalene concentrations in bedrock groundwater.
MW-43BR	110 - 115	X	X	X	Parcel 2. Collect baseline attenuation parameters from hydraulically upgradient of the existing lower bedrock plume.
MW-46BR	170 - 180	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the central portion of the dissolved phase deeper bedrock plume. Evaluate parameters associated with low levels of benzene and naphthalene concentrations in deep bedrock groundwater.
MW-47BR	110 - 120	X	X	X	Parcel 3. Collect and evaluate attenuation parameters within the central portion of the dissolved phase deep bedrock plume. Evaluate parameters associated with elevated levels of benzene, xylenes and naphthalene concentrations in bedrock at a depth greater than 100 ft bls.

Notes:

⁽¹⁾ - Field Parameters include: pH, conductivity, temperature, dissolved oxygen, oxidation-reduction potential, and turbidity

⁽²⁾ - Attenuation Parameters include: Total and dissolved iron and manganese (EPA Method 600/7000 Series), Methane (RSK-175), total organic carbon (EPA Method 9060A), total sulfate (EPA Method 9036), total sulfide (EPA Method 376).

ft bls - feet below land surface



LEGEND

- WELL SCREENED IN SHALLOW ZONE
- WELL SCREENED IN TRANSITION ZONE
- WELL SCREENED IN BEDROCK ZONE
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- STAFF GAUGE
- RIVER GAUGE
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- FORMER DRAINAGE DITCH (1964)
- ROAD
- SWAMP RABBIT TRAIL
- RAILROAD
- BUILDING
- EXCAVATED AREA (2001-2002)
- VAUGHN LANDFILL BOUNDARY
- HYDROLOGY
- PARCEL BOUNDARY
- WETLANDS (AES)
- WETLANDS (USFWS)

NOTES:

¹ ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

² SURFACE WATER LOCATIONS, FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

³ MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR

⁴ TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).

⁵ PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.

⁶ WETLANDS (USFWS) BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY. WETLANDS (AES) DELINEATED BY APPLIED ENGINEERING AND SCIENCE, INC. IN 1999.

⁷ SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.

⁸ AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. INSET AERIAL OBTAINED OCTOBER 20, 2020. AERIAL WAS COLLECTED ON MARCH 12, 2018.

⁹ DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

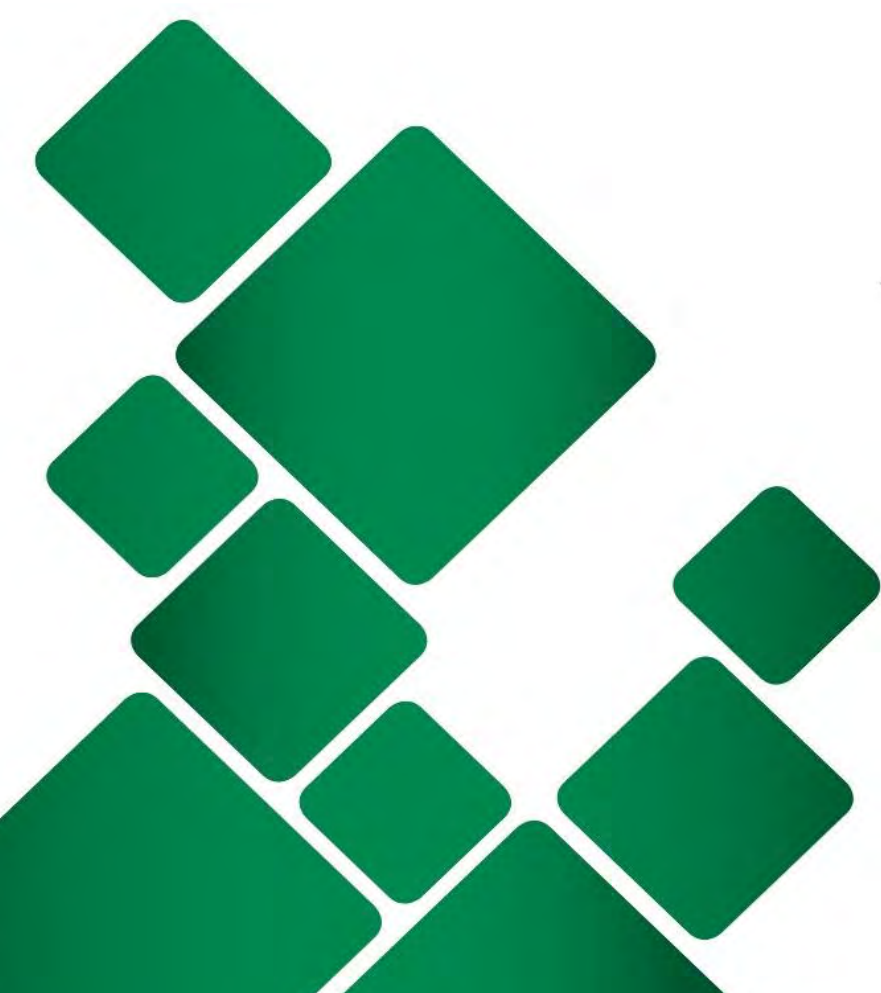
GRAPHIC SCALE
0 125 250
(IN FEET)

DRAWN BY: T. KING DATE: 05/21/2019
 REVISED BY: R. KIEKHAEFER DATE: 12/09/2020
 CHECKED BY: L. DRAGO DATE: 12/09/2020
 APPROVED BY: L. DRAGO DATE: 12/09/2020
 PROJECT MANAGER: T. PLATING
 www.synterracorp.com

FIGURE 2-1
SITE LAYOUT MAP
SEMIANNUAL MONITORING REPORT
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

APPENDIX E

MANN-KENDALL TREND TEST ANALYSIS



HISTORICAL DATA
MANN-KENDALL **TREND TEST** ANALYSIS
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Sample Date	Benzene	Naphthalene	n-Butylbenzene 104-51-8	n-Propylbenzene 103-65-1	p-Isopropyltoluene 99-87-6	Styrene 100-42-5	Toluene 108-88-3	Xylenes, Total 1330-20-7
MW-1	5/30/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	44.6	1650	<1	2.23	3.58	<1	34.9	67.7
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2009	45	1980	2.9	2.72	3.33	<1	27.3	78.3
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	20.6	2310	<1	2.3	3.36	<1	10.5	63.8
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	41.8	2500	<1	2.08	3.14	<1	14.6	67.4
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	43.1	14.8	<1	2.47	3.34	<1	24.1	77.7
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2013	15.3	1810	3.23	2.01	3.27	<1	11.4	60.6
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2014	27.7	1690	<20	<20	<20	<20	<20	<40
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/10/2015	52.8	1650	<10	<10	<10	<10	15.5	40.2
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	
MW-3	5/30/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	<1	137	<1	<1	<1	<1	<1	<3
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2009	48.4	1560	<1	<1	1.76	<1	7.23	24.5
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	1.65	148	<1	<1	<1	<1	<1	<3
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	<1	78.1	<1	<1	<1	<1	<1	<3
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	69.2	952	<1	<1	1.25	<1	<1	22.4
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2013	1.47	<5	<1	<1	<1	<1	<1	<3
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/11/2014	1.61	14.5	<1	<1	<1	<1	<1	<2
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/10/2015	77.6	94.6	<1	<1	<1	<1	6.06	21.7
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	

HISTORICAL DATA
MANN-KENDALL **TREND TEST** ANALYSIS
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Sample Date	Benzene	Naphthalene	n-Butylbenzene 104-51-8	n-Propylbenzene 103-65-1	p-Isopropyltoluene 99-87-6	Styrene 100-42-5	Toluene 108-88-3	Xylenes, Total 1330-20-7
MW-5	5/30/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2009	<1	<5	<1	<1	<1	<1	<1	<3
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	<1	52.2	<1	<1	<1	<1	<1	<3
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2013	<1	<5	<1	<1	<1	<1	<1	<2
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/11/2014	<1	<5	<1	<1	<1	<1	<1	<2
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/10/2015	<1	<5	<1	<1	<1	<1	<1	<3
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	
MW-15	5/29/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2009	<1	<5	<1	<1	<1	<1	<1	<3
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2013	<1	<5	<1	<1	<1	<1	<1	<2
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2014	<1	<5	<1	<1	<1	<1	<1	<2
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/11/2015	<1	<5	<1	<1	<1	<1	<1	<3
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	

HISTORICAL DATA
MANN-KENDALL **TREND TEST** ANALYSIS
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Sample Date	Benzene	Naphthalene	n-Butylbenzene 104-51-8	n-Propylbenzene 103-65-1	p-Isopropyltoluene 99-87-6	Styrene 100-42-5	Toluene 108-88-3	Xylenes, Total 1330-20-7
MW-16	5/29/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2009	<1	<5	<1	<1	<1	<1	<1	<3
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2013	<1	<5	<1	<1	<1	<1	<1	<2
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2014	<1	<5	<1	<1	<1	<1	<1	<2
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/11/2015	<1	<5	<1	<1	<1	<1	<1	<3
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	
MW-21	5/29/2008	44.8	863	<1	<1	<1	<1	15.9	34.8
	11/19/2008	10.1	392	<1	<1	<1	<1	7.39	14.5
	5/15/2009	2.53	63.7	<1	<1	<1	<1	<1	<3
	11/18/2009	10.7	27.9	<1	<1	<1	<1	1.93	3.88
	5/12/2010	8.47	16.2	<1	<1	<1	<1	1.65	3.13
	11/17/2010	33	326	<1	<1	<1	<1	10.7	21.8
	5/18/2011	10.9	62.4	<1	<1	<1	<1	1	7.8
	11/17/2011	<1	62.3	<1	<1	<1	<1	<1	<3
	5/18/2012	1.99	<1	<1	<1	<1	<1	<1	<3
	11/14/2012	39.8	205	<1	<1	<1	<1	1.92	17.3
	5/15/2013	2.41	9.89	<1	<1	<1	<1	<1	<3
	11/13/2013	19.4	59	<1	<1	<1	<1	2.97	9.07
	5/14/2014	4.7	<1	<1	<1	<1	<1	<1	<2
	11/11/2014	82.7	<5	<1	<1	<1	<1	8.36	25.7
	5/13/2015	1.51	<5	<1	<1	<1	<1	<1	<2
	11/10/2015	25.7	6.08	<1	<1	<1	<1	<1	7.92
5/25/2016	21.8	54.7	<1	<1	<1	<1	2.00	9.31	

HISTORICAL DATA
MANN-KENDALL **TREND TEST** ANALYSIS
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Sample Date	Benzene	Naphthalene	n-Butylbenzene 104-51-8	n-Propylbenzene 103-65-1	p-Isopropyltoluene 99-87-6	Styrene 100-42-5	Toluene 108-88-3	Xylenes, Total 1330-20-7
MW-22	5/29/2008	NS	NS	NS	NS	NS	NS	NS	NS
	11/19/2008	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2009	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2009	<1	<5	2.89	<1	<1	<1	<1	<3
	5/12/2010	NS	NS	NS	NS	NS	NS	NS	NS
	11/18/2010	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2011	NS	NS	NS	NS	NS	NS	NS	NS
	11/17/2011	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2012	NS	NS	NS	NS	NS	NS	NS	NS
	11/14/2012	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2013	NS	NS	NS	NS	NS	NS	NS	NS
	11/13/2013	<1	<5	<1	<1	<1	<1	<1	<2
	5/14/2014	NS	NS	NS	NS	NS	NS	NS	NS
	11/11/2014	<1	<5	<1	<1	<1	<1	<1	<2
	5/13/2015	NS	NS	NS	NS	NS	NS	NS	NS
	11/10/2015	<1	<5	<1	<1	<1	<1	<1	<3
5/25/2016	NS	NS	NS	NS	NS	NS	NS	NS	
MW-25R	5/29/2008	<1	<5	<1	<1	<1	<1	<1	<3
	11/19/2008	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2009	<1	<5	<1	<1	<1	<1	<1	<3
	11/18/2009	<1	<5	<1	<1	<1	<1	<1	<3
	5/12/2010	<1	<5	<1	<1	<1	<1	<1	<3
	11/18/2010	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2011	<1	<5	<1	<1	<1	<1	<1	<3
	11/17/2011	<1	<5	<1	<1	<1	<1	<1	<3
	5/18/2012	<1	<5	<1	<1	<1	<1	<1	<3
	11/14/2012	<1	<5	<1	<1	<1	<1	<1	<3
	5/15/2013	<1	<5	<1	<1	<1	<1	<1	<3
	11/13/2013	<1	<5	<1	<1	<1	<1	<1	<3
	5/14/2014	<1	<1	<1	<1	<1	<1	<1	<2
	11/12/2014	<1	<5	<1	<1	<1	<1	<1	<2
	5/13/2015	<1	<5	<1	<1	<1	<1	<1	<2
	11/11/2015	<1	<5	<1	<1	<1	<1	<1	<3
5/25/2016	<1	<5	<1	<1	<1	<1	<1	<3	

Notes:

Results are expressed in micrograms per liter (µg/l).

NS - not sampled during this event

SUMMARY OF DATA CONSIDERED FOR MANN-KENDALL TREND TEST ANALYSIS
 FORMER BRAMLETTE MGP SITE
 DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Analyte	Number of Samples	Non-Detects	Detects	Percent Non-Detects	Is Trend Analysis Applicable?	Two-Sided P Value	S Value	Trend Conclusion
MW-01	Benzene	11	0	11	0	Yes	0.213	-	Stable, no significant trend
MW-02	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-02BR	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-02TZ	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-03	Benzene	8	2	6	25	Yes	0.319	-	Stable, no significant trend
MW-03BR	Benzene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-03BRL	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-05	Benzene	11	11	0	100	No	-	-	Cannot Analyze for Trends
MW-07R	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-09R	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-13R	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-15	Benzene	10	10	0	100	No	-	-	Cannot Analyze for Trends
MW-16	Benzene	10	10	0	100	No	-	-	Cannot Analyze for Trends
MW-21	Benzene	20	1	19	5	Yes	0.974	-	Stable, no significant trend
MW-21BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-21BRL	Benzene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-22	Benzene	10	10	0	100	No	-	-	Cannot Analyze for Trends
MW-25R	Benzene	18	18	0	100	No	-	-	Cannot Analyze for Trends
MW-26	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-27	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-28	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-29BR	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-29S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-29TZ	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-30S	Benzene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-31S	Benzene	4	4	0	100	No	-	-	Cannot Analyze for Trends
MW-31TZ	Benzene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-32S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-32TZ	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-33S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-33TZ	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-34BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-34S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-34TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-35BR	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-35S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-35TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-36BR	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-36S	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-36TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-38BR	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-39BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-39BRL	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-39S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-40BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZL	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-42BR	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-42S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-42TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-43BR	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-43S	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-43TZ	Benzene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-44TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-45BR	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-46BR	Benzene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-47BR	Benzene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-48S	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-48TZ	Benzene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-01	Naphthalene	11	0	11	0	Yes	1.000	-	Stable, no significant trend
MW-02	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-02BR	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-02TZ	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-03	Naphthalene	8	1	7	12	Yes	0.266	-	Stable, no significant trend
MW-03BR	Naphthalene	3	0	3	0	No	-	-	Cannot Analyze for Trends
MW-03BRL	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-05	Naphthalene	11	10	1	91	No	-	-	Cannot Analyze for Trends
MW-07R	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-09R	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-13R	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-15	Naphthalene	10	10	0	100	No	-	-	Cannot Analyze for Trends
MW-16	Naphthalene	10	10	0	100	No	-	-	Cannot Analyze for Trends

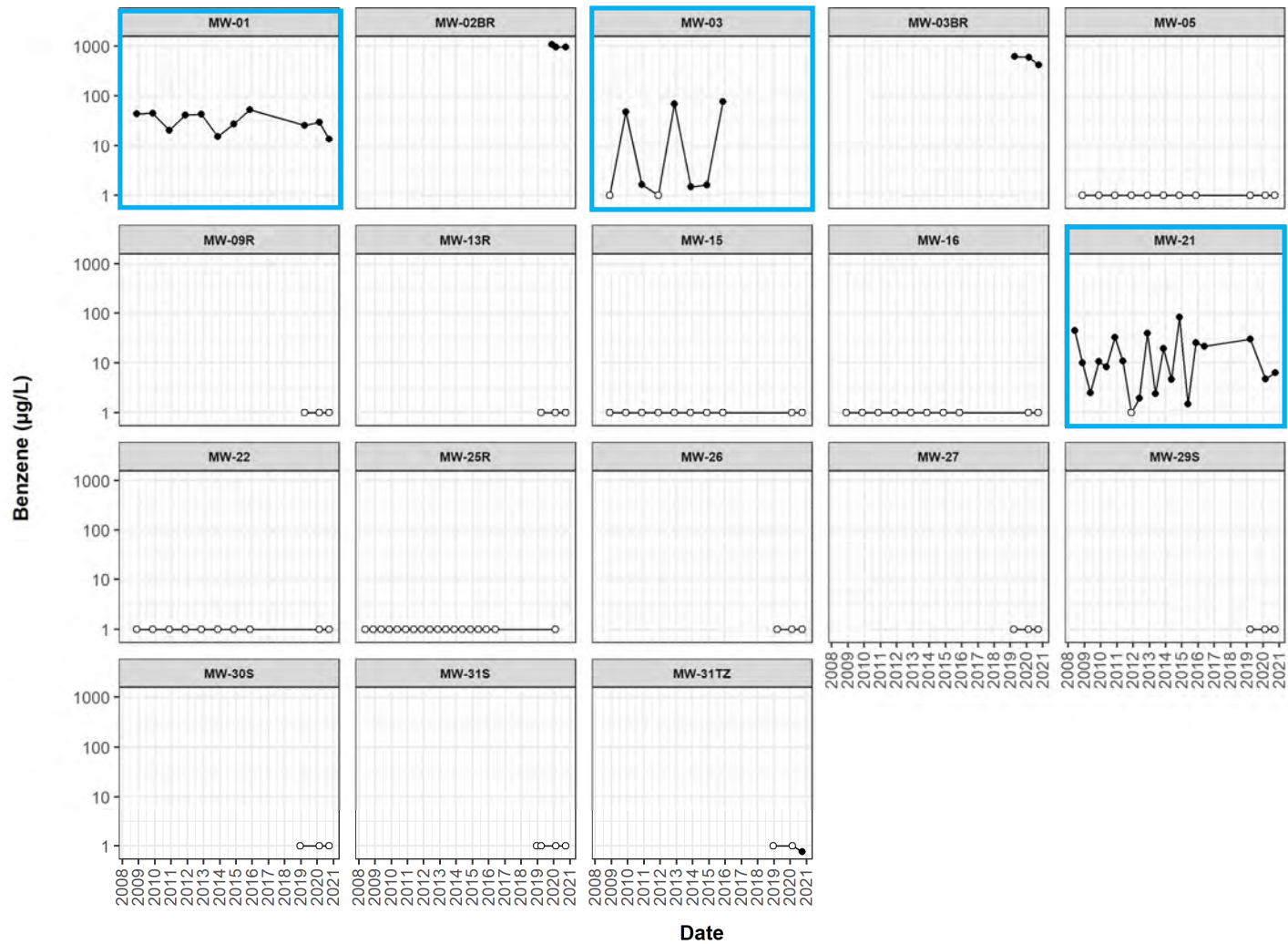
SUMMARY OF DATA CONSIDERED FOR MANN-KENDALL TREND TEST ANALYSIS
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

Well ID	Analyte	Number of Samples	Non-Detects	Detects	Percent Non-Detects	Is Trend Analysis Applicable?	Two-Sided P Value	S Value	Trend Conclusion
MW-21	Naphthalene	20	5	15	25	Yes	0.005	-86	Statistically significant decreasing trend
MW-21BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-21BRL	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-22	Naphthalene	10	9	1	90	No	-	-	Cannot Analyze for Trends
MW-25R	Naphthalene	18	18	0	100	No	-	-	Cannot Analyze for Trends
MW-26	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-27	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-28	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-29BR	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-29S	Naphthalene	3	3	0	100	No	-	-	Cannot Analyze for Trends
MW-29TZ	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-30S	Naphthalene	3	2	1	67	No	-	-	Cannot Analyze for Trends
MW-31S	Naphthalene	4	3	1	75	No	-	-	Cannot Analyze for Trends
MW-31TZ	Naphthalene	3	1	2	33	No	-	-	Cannot Analyze for Trends
MW-32S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-32TZ	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-33S	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-33TZ	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-34BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-34S	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-34TZ	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-35BR	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-35S	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-35TZ	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-36BR	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-36S	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-36TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-37TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-38BR	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-39BR	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-39BRL	Naphthalene	2	1	1	50	No	-	-	Cannot Analyze for Trends
MW-39S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-40BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-41TZL	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-42BR	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-42S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-42TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-43BR	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-43S	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-43TZ	Naphthalene	1	1	0	100	No	-	-	Cannot Analyze for Trends
MW-44TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-45BR	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-46BR	Naphthalene	2	0	2	0	No	-	-	Cannot Analyze for Trends
MW-47BR	Naphthalene	1	0	1	0	No	-	-	Cannot Analyze for Trends
MW-48S	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends
MW-48TZ	Naphthalene	2	2	0	100	No	-	-	Cannot Analyze for Trends

Notes:

Based on USEPA guidance samples below the detection limit were set to 0.3 µg/L, less than all detect values
Four detects are required for trend analysis
Percent non-detects must be less than or equal to 50 for trend analysis

Prepared by: KEM Checked by: RSB



LEGEND

- Non-detect
- Detect

- Stable, no trends
- Statistically Significant Decreasing Trend
- Statistically Significant Increasing Trend
- No Color - Cannot Analyze for Trends

NOTES

Trends are denoted by the box color, if there is no color the data could not be analyzed for trends.

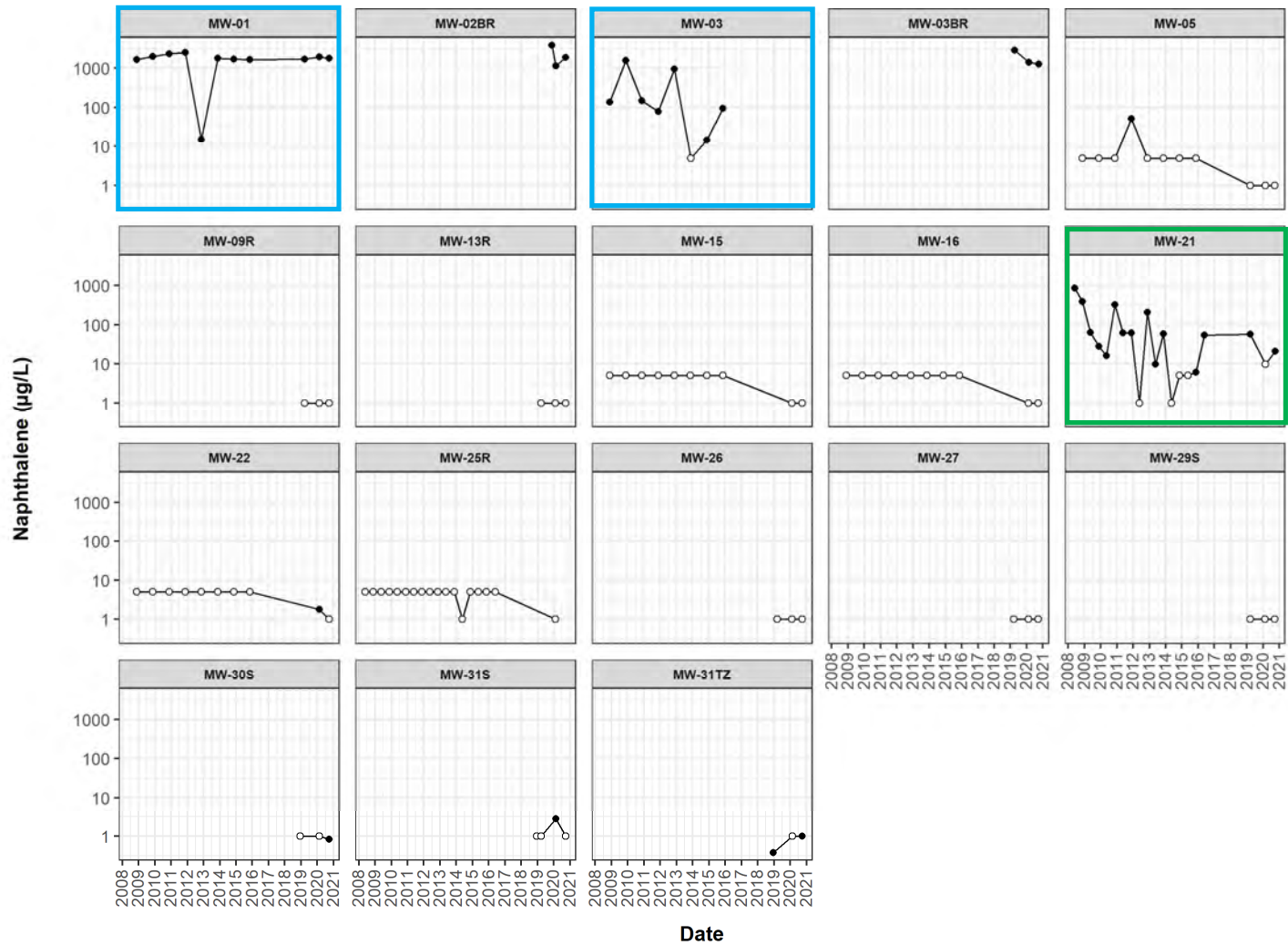
Date



DRAWN BY: K. MARSAC DATE: 2/04/2021
 REVISED BY:
 CHECKED BY: R. BADUM DATE: 2/04/2021
 APPROVED BY: L. DRAGO DATE: 2/11/2021
 PROJECT MANAGER: T. PLATING

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**FIGURE 1
 TIME VERSUS BENZENE
 CONCENTRATION
 MANN-KENDALL TREND TEST ANALYSIS
 FORMER BRAMLETTE MGP SITE**



LEGEND

- Non-detect
- Detect

- Blue box - Stable, no trends
- Green box - Statistically Significant Decreasing Trend
- Orange box - Statistically Significant Increasing Trend
- No Color - Cannot Analyze for Trends

NOTES

Trends are denoted by the box color, if there is no color the data could not be analyzed for trends.



DRAWN BY: K. MARSAC DATE: 2/04/2021
 REVISED BY:
 CHECKED BY: R. BADUM DATE: 2/04/2021
 APPROVED BY: L. DRAGO DATE: 2/11/2021
 PROJECT MANAGER: T. PLATING

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FIGURE 2
TIME VERSUS NAPHTHALENE
CONCENTRATION
MANN-KENDALL TREND TEST ANALYSIS
FORMER BRAMLETTE MGP SITE