526 South Church Street
Mail Code EC13K
Charlotte, NC 28202

o: 980.373.2663
c: 704.497.3627
f: 000.000.0000

January 19, 2021

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

Subject: Quarterly Progress Report – Fourth Quarter 2020
Former Bramlette Manufactured Gas Plant
400 East Bramlette Road
Greenville, South Carolina
VCC 16-5857-RP

Dear Mr. Cassidy:

This Quarterly Progress Report has been prepared for the referenced site in accordance with the requirements of the Responsible Party Voluntary Cleanup Contract (VCC 16-5857-RP) between Duke Energy Carolinas (Duke Energy) and the South Carolina Department of Health and Environmental Control (SCDHEC), dated July 29, 2016.

The following sections provide a summary of work performed during the reporting period: test and sampling results generated during the reporting period, environmental problems experienced during the reporting period and their resolution, and work to be performed during the next reporting period. The work was conducted in accordance with the July 2, 2019 Remedial Investigation Work Plan Addendum (RIWP-A) submitted by Duke Energy and approved by the SCDHEC on August 6, 2019.

Work Performed During this Reporting Period

Activities performed during the fourth quarter (October 1 through December 31, 2020) are summarized in the table below.

Date	RI Activity
October 5, 2020	**Surface Water Sampling** (September 2018 QAPP) – Collected surface water samples from sample locations SW-1 through SW-12 (**Figure 1**) for analysis of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) (**Table 1**).
October 14 – October 15, 2020	**Sediment Sampling** (December 2020 Forensic Analysis of Non-Aqueous Phase Liquids (NAPL), Sediment, and Soil Samples) – Collected sediment samples from historical ditches downgradient of the Site [Ditch 4 (DA4-SB-1 through DA4-SB-5) and Ditch 5 (DA5-SB-1 through DA5-SB-4)] (**Figure 2**) for analysis of VOCs and SVOCs (**Table 2**).
October 19 – October 20, 2020	**Surface Water and Sediment Sampling** (September 2018 QAPP) – Collected surface water and sediment samples from sample locations RR-0 through RR-11 within the Reedy River downgradient from the Site (**Figure 3**) for analysis of VOCs, SVOCs, and total suspended solids (TSS) (**Table 1** and **Table 2**).
October 20 – October 27, 2020	**Ditch 1 and Ditch 2 Borings** (August 2020 RIWP-A) – Drilled soil borings to help delineate the extent of historical ditches on Parcel 1 and Parcel 2 (**Figure 4**).
October 27, 2020	**Quarterly Status Report – Third Quarter 2020** – Submitted to SCDHEC on October 26, 2020; subsequently approved on October 27, 2020.
November 5, 2020	**Water Level/Data Loggers** – Collected water level data from data loggers installed in monitoring wells located along the Reedy River/Swamp Rabbit Trail (MW-31S, MW-31TZ, MW-33S, and MW-33TZ) (**Figures 5** and **6**) and in the Vaughn Landfill (MW-03BR and MW-20) (**Figure 7**). Removed transducers on November 5, 2020, and redeployed them for the collection of background data prior to the initiation of an aquifer performance test.
November 9, 2020	**Ditch 1 Soil Sampling** (August 2020 RIWP-A) – Collected soil samples from soil borings DA1-SB-03, DA1-SB-04B, DA1-SB-05A, DA1-SB-06, DA1-SB-07, DA1-SB-08, and DA1-SB-09 for analysis of VOCs and SVOCs (**Table 3**).
November 17, 2020	**Aquifer Performance Test Work Plan** – Submitted to SCDHEC on November 2, 2020; subsequently approved on November 17, 2020.
November 24 – December 1, 2020	**Pneumatic Interference Slug Tests** (November 2020 Aquifer Performance Test Work Plan) – Conducted pneumatic interference slug tests at monitoring wells MW-03BR, MW-03BRL, MW-38BR, and MW-39BR (**Figure 1**).

Date	RI Activity
December 8 – December 9, 2020	**Ditch Survey** – Surveyed topography, ditch transects, and ditch culverts on Parcel 3 and Parcel 5 in preparation for interim surface water best management practices design.
December 9, 2020	**Environmental Right of Entry Amendment** – Submitted and approved by CSXT on December 9, 2020.
December 28, 2020	**Forensic Analysis of Non-Aqueous Phase Liquids (NAPL), Sediment, and Soil Samples** – Submitted to SCDHEC on December 28, 2020.

Summary of Test and Sampling Results Generated During This Reporting Period

A summary of the test and sampling results for work performed during the fourth quarter (October 1 through December 31, 2020) is provided below:

- Laboratory analytical results for surface water samples collected during October 2020 are included in **Table 1**. Analytical laboratory reports are provided in **Attachment A**.
- Laboratory analytical results for sediment samples collected during October 2020 are included in **Table 2**. Analytical laboratory reports are provided in **Attachment A**.
- Laboratory analytical results for soil samples collected during November 2020 are included in **Table 3**. Analytical laboratory reports are provided in **Attachment A**.
- DHEC 1903 forms and boring logs for borings advanced as part of historical ditch assessment and/or soil sampling activities on Parcel 1 and Parcel 2 are included in **Attachment B**.
- Time series hydrographs are included for wells adjacent to the Reedy River (South) (**Figure 5**), adjacent to the Reedy River (North) (**Figure 6**), and the Vaughn landfill (**Figure 7**).
- Evaluation of pneumatic interference slug test and hydraulic conductivity data is ongoing; these data will be presented following the conclusion of the aquifer performance test.
- Ditches on Parcel 3 and Parcel 5 were surveyed for elevation and northing/easting data.

Environmental Problems Identified During Reporting Period and Their Resolution

No problems were identified during this reporting period.

Work to be Performed During the Next Reporting Period (First Quarter 2021)

The following activities are scheduled to be conducted during the first quarter of 2021 (January 1 through March 31, 2021). The proposed schedule is subject to change based on safe work practices, weather conditions, site access, availability of subcontractors, and other unforeseen delays. Field work notifications will be provided in accordance with the VCC and access agreements.

Proposed Date	RI Activity
January 2021	Deep bedrock pumping well installation
February 2021	Aquifer performance test
February 2021	Ditch assessment pending approval of United States Army Corps of Engineers (USACE) Nationwide Permit 38
February 2021	Submit a plan to DHEC for approval for implementation and O&M of proposed BMPs
March 2021	Collect Site-wide groundwater and surface water samples
March 2021	Construction of interim surface water best management practices, pending approval of USACE Nationwide Permit 38
January through March 2021	Continue the preparation of RI Report or additional RIWP-A, as appropriate
As needed	Data validation in accordance to Section 6 of the September 2018 QAPP
As needed	IDW disposal – periodically and upon completion of the field program

If you have any questions regarding this submittal, please contact me at 980.373.2663 or by email at Richard.Powell2@duke-energy.com.

Sincerely,

Richard E. Powell

Richard E. Powell, P.G.
Lead Environmental Specialist

cc: Kevin Boland, CSXT
Daniel Schmitt, Esq., CSXT
Ty Houck, Greenville County
William W. Brown, Legacy School Properties, LLC
Todd Plating, SynTerra
Matt Flinchum, SynTerra

Enclosures:

Figures

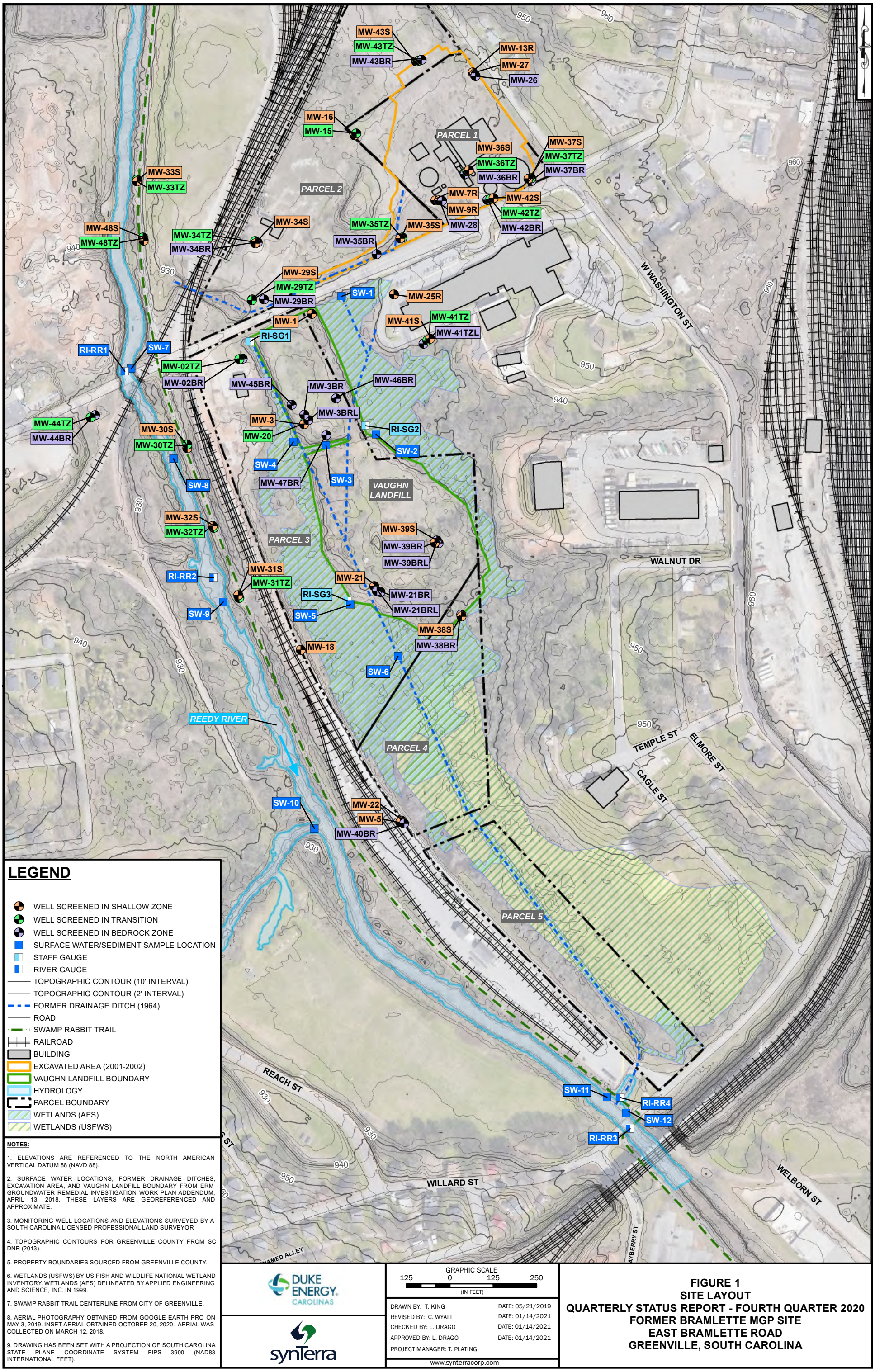
Figure 1 – Site Layout
Figure 2 – Ditch 4 and 5 Sample Locations
Figure 3 – Offsite Reedy River Sample Locations
Figure 4 – Ditch 1 and 2 Soil Boring Locations
Figure 5 – Reedy River South Hydrographs (MW-31S/MW-31TZ)
Figure 6 – Reedy River North Hydrographs (MW-33S/MW-33TZ)
Figure 7 – Vaughn Landfill Area (Parcel 3) Hydrographs (MW-20/MW-03BR)

Tables

Table 1 – Summary of Surface Water Analytical Detections
Table 2 – Summary of Sediment Analytical Detections
Table 3 – Summary of Soil Analytical Detections

Attachment A – Analytical Laboratory Reports
Attachment B – DHEC 1903 Forms

FIGURES



LEGEND

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

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

2. SURFACE WATER LOCATIONS, FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

3. MONITORING WELL LOCATIONS AND ELEVATIONS SURVEYED BY A SOUTH CAROLINA LICENSED PROFESSIONAL LAND SURVEYOR

4. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).

5. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.

6. WETLANDS (USFWS) BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY. WETLANDS (AES) DELINEATED BY APPLIED ENGINEERING AND SCIENCE, INC. IN 1999.

7. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.

8. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. INSET AERIAL OBTAINED OCTOBER 20, 2020. AERIAL WAS COLLECTED ON MARCH 12, 2018.

9. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

DUKE ENERGY CAROLINAS

synTerra

GRAPHIC SCALE
125 0 125 250
(IN FEET)

DRAWN BY: T. KING	DATE: 05/21/2019
REVISED BY: C. WYATT	DATE: 01/14/2021
CHECKED BY: L. DRAGO	DATE: 01/14/2021
APPROVED BY: L. DRAGO	DATE: 01/14/2021
PROJECT MANAGER: T. PLATING	

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FIGURE 1
SITE LAYOUT
QUARTERLY STATUS REPORT - FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

EXCAVATION AREA (2001-2002)
PARCEL 1
PARCEL 2
PARCEL 3
VAUGHN LANDFILL
PARCEL 4
PARCEL 5
DITCH 4
DITCH 5
REEDY RIVER
DA4-SB-5 (0-8)
DA4-SB-5 (8-16)
DA4-SB-4 (0-8)
DA4-SB-4 (8-16)
DA4-SB-3 (0-8)
DA4-SB-3 (8-16)
DA4-SB-2 (0-8)
DA4-SB-2 (8-16)
DA4-SB-1 (0-8)
DA4-SB-1 (8-16)
DA5-SB-4 (0-8)
DA5-SB-4 (8-16)
DA5-SB-3 (0-8)
DA5-SB-3 (8-16)
DA5-SB-2 (0-8)
DA5-SB-2 (8-16)
DA5-SB-1 (0-8)
DA5-SB-1 (8-16)

LEGEND

- SOIL SAMPLING LOCATION
- DITCH ASSESSMENT DITCH
- FORMER DRAINAGE DITCH (1964)
- VAUGHN LANDFILL BOUNDARY
- EXCAVATED AREA (2001-
- FORMER MGP STRUCTURAL OPERATIONS
- BUILDING
- HYDROLOGY
- WETLANDS (AES)
- WETLANDS (USFWS)
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SWAMP RABBIT TRAIL
- ROAD
- RAILROAD

NOTES:

1. SOIL SAMPLES WERE COLLECTED AT TWO DEPTH INTERVALS (0-8 INCHES, 8-16 INCHES) AT EACH SAMPLE LOCATION.

2. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).

3. FORMER DRAINAGE DITCHES, EXCAVATION AREA, AND VAUGHN LANDFILL BOUNDARY FROM ERM GROUNDWATER REMEDIAL INVESTIGATION WORK PLAN ADDENDUM, APRIL 13, 2018. THESE LAYERS ARE GEOREFERENCED AND APPROXIMATE.

4. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).

5. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.

6. WETLANDS BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY.

7. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.

8. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.

9. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE

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GRAPHIC SCALE
125 0 125 250
(IN FEET)

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REVISED BY: C. WYATT	DATE: 01/14/2021
CHECKED BY: L. DRAGO	DATE: 01/14/2021
APPROVED BY: T. PLATING	DATE: 01/14/2021
PROJECT MANAGER: T. PLATING	

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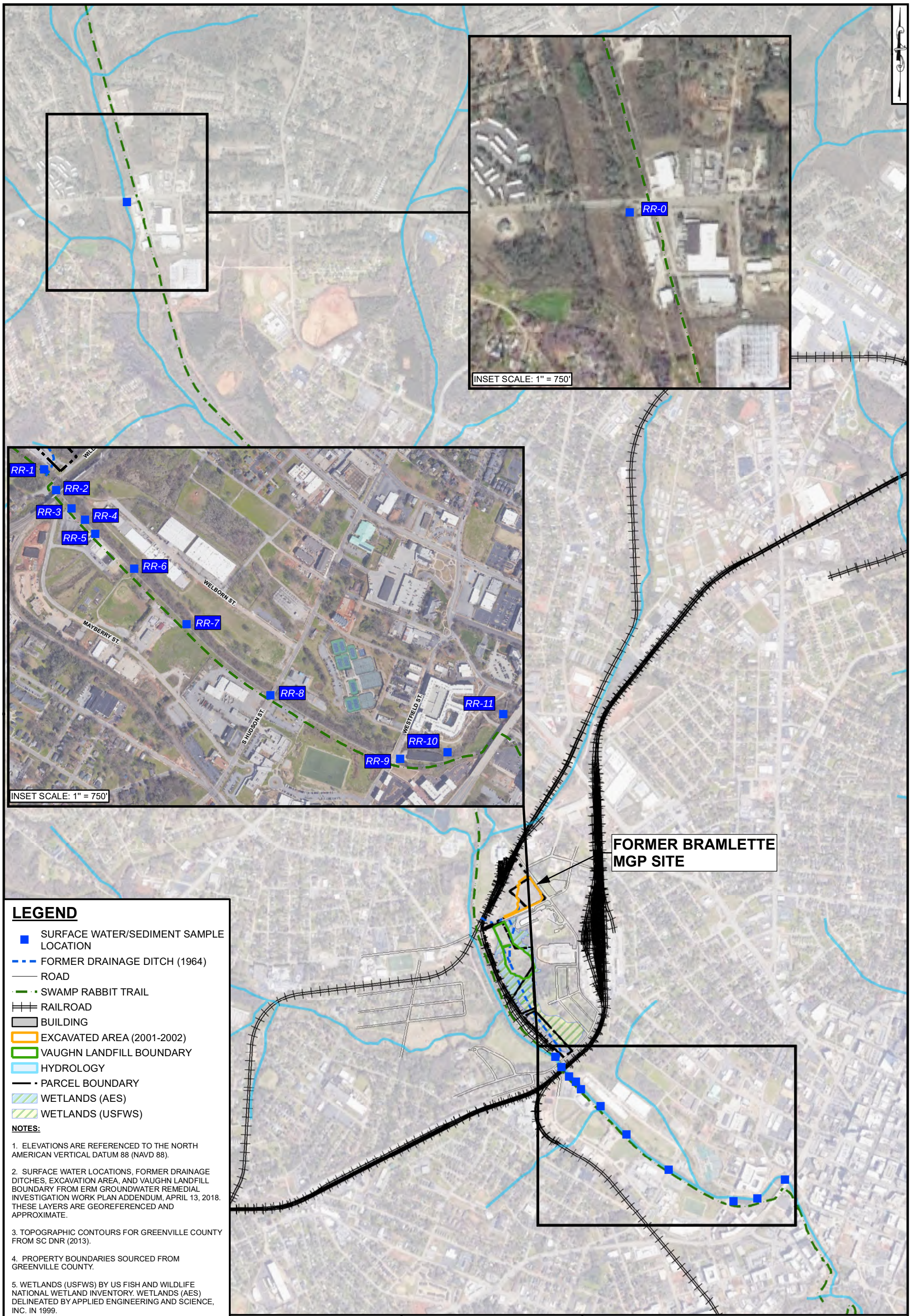
FIGURE 2
DITCH 4 AND 5 SAMPLE LOCATIONS
QUARTERLY STATUS REPORT - FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD



LEGEND

- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- FORMER DRAINAGE DITCH (1964)
- ROAD
- SWAMP RABBIT TRAIL
- RAILROAD
- BUILDING
- EXCAVATED AREA (2001-2002)
- VAUGHN LANDFILL BOUNDARY
- HYDROLOGY
- PARCEL BOUNDARY
- WETLANDS (AES)
- WETLANDS (USFWS)

NOTES:

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GRAPHIC SCALE
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(IN FEET)

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REVISED BY: C. WYATT	DATE: 01/14/2021
CHECKED BY: L. DRAGO	DATE: 01/14/2021
APPROVED BY: L. DRAGO	DATE: 01/14/2021
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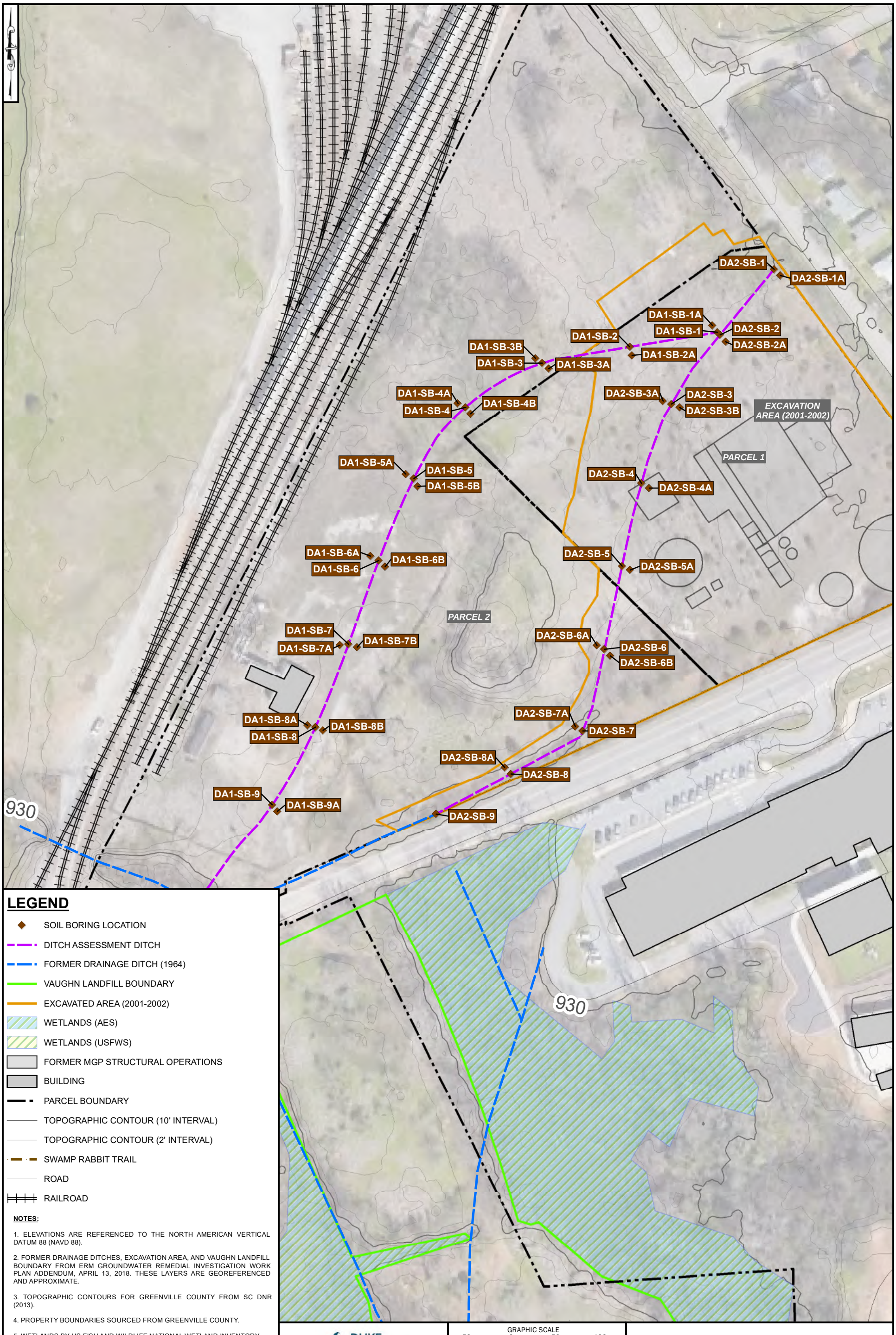
FIGURE 3
OFFSITE REEDY RIVER SAMPLE LOCATIONS
QUARTERLY STATUS REPORT - FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



LEGEND

- SOIL BORING LOCATION
- DITCH ASSESSMENT DITCH
- FORMER DRAINAGE DITCH (1964)
- VAUGHN LANDFILL BOUNDARY
- EXCAVATED AREA (2001-2002)
- WETLANDS (AES)
- WETLANDS (USFWS)
- FORMER MGP STRUCTURAL OPERATIONS
- BUILDING
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOUR (10' INTERVAL)
- TOPOGRAPHIC CONTOUR (2' INTERVAL)
- SWAMP RABBIT TRAIL
- ROAD
- RAILROAD

NOTES:

1. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88).
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3. TOPOGRAPHIC CONTOURS FOR GREENVILLE COUNTY FROM SC DNR (2013).
4. PROPERTY BOUNDARIES SOURCED FROM GREENVILLE COUNTY.
5. WETLANDS BY US FISH AND WILDLIFE NATIONAL WETLAND INVENTORY.
6. SWAMP RABBIT TRAIL CENTERLINE FROM CITY OF GREENVILLE.
7. ALL LOCATIONS ARE APPROXIMATE.
8. AERIAL PHOTOGRAPHY OBTAINED FROM GOOGLE EARTH PRO ON MAY 3, 2019. AERIAL WAS COLLECTED ON MARCH 12, 2018.
9. DRAWING HAS BEEN SET WITH A PROJECTION OF SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM FIPS 3900 (NAD83 INTERNATIONAL FEET).

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GRAPHIC SCALE
50 0 50 100
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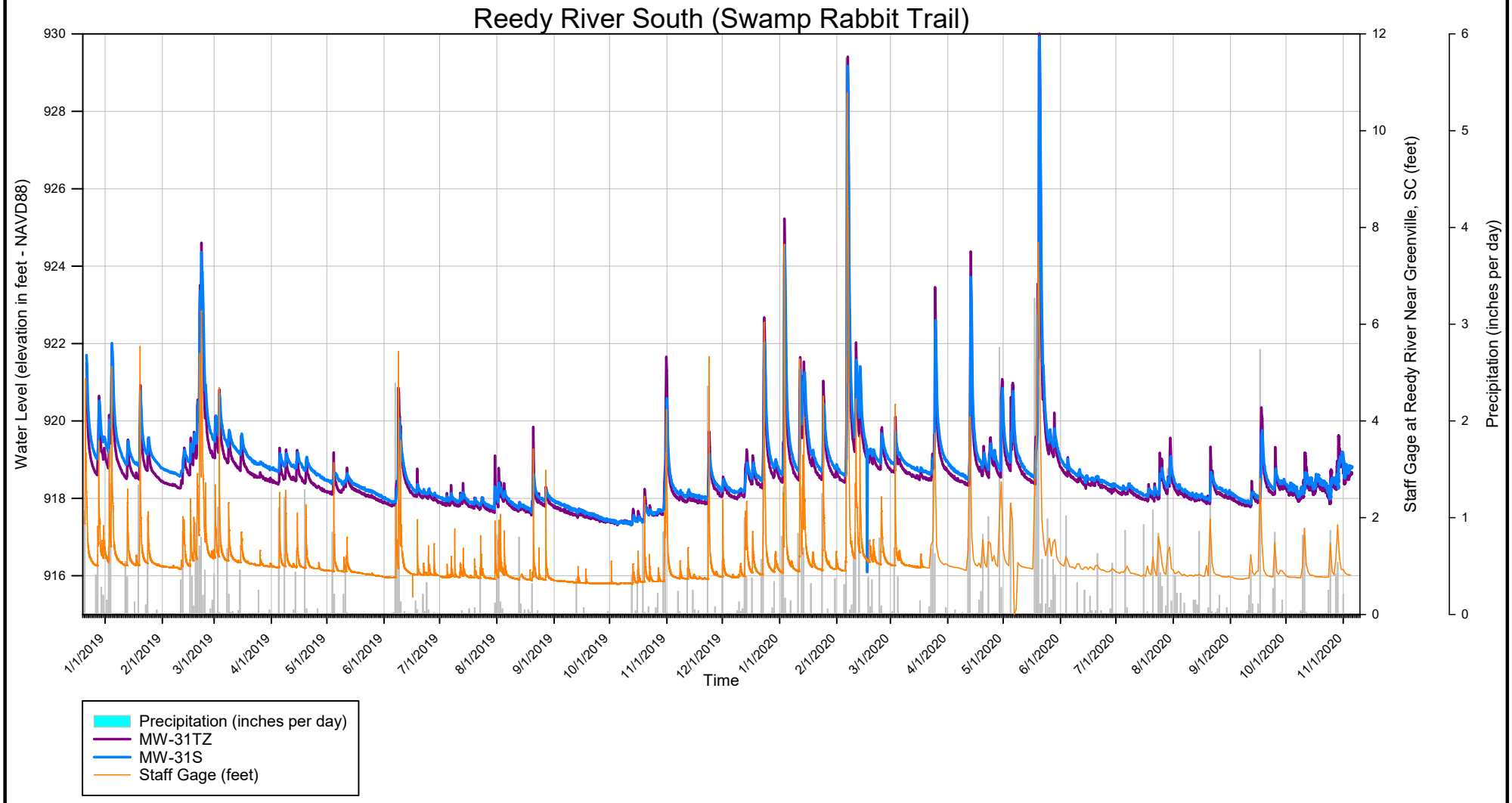
FIGURE 4
DITCH 1 AND 2 SOIL BORING LOCATIONS
QUARTERLY STATUS REPORT - FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



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148 RIVER STREET, SUITE 220
GREENVILLE, SOUTH CAROLINA 29601
PHONE 864-421-9999
www.synterracorp.com

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PROJECT MANAGER: T PLATING
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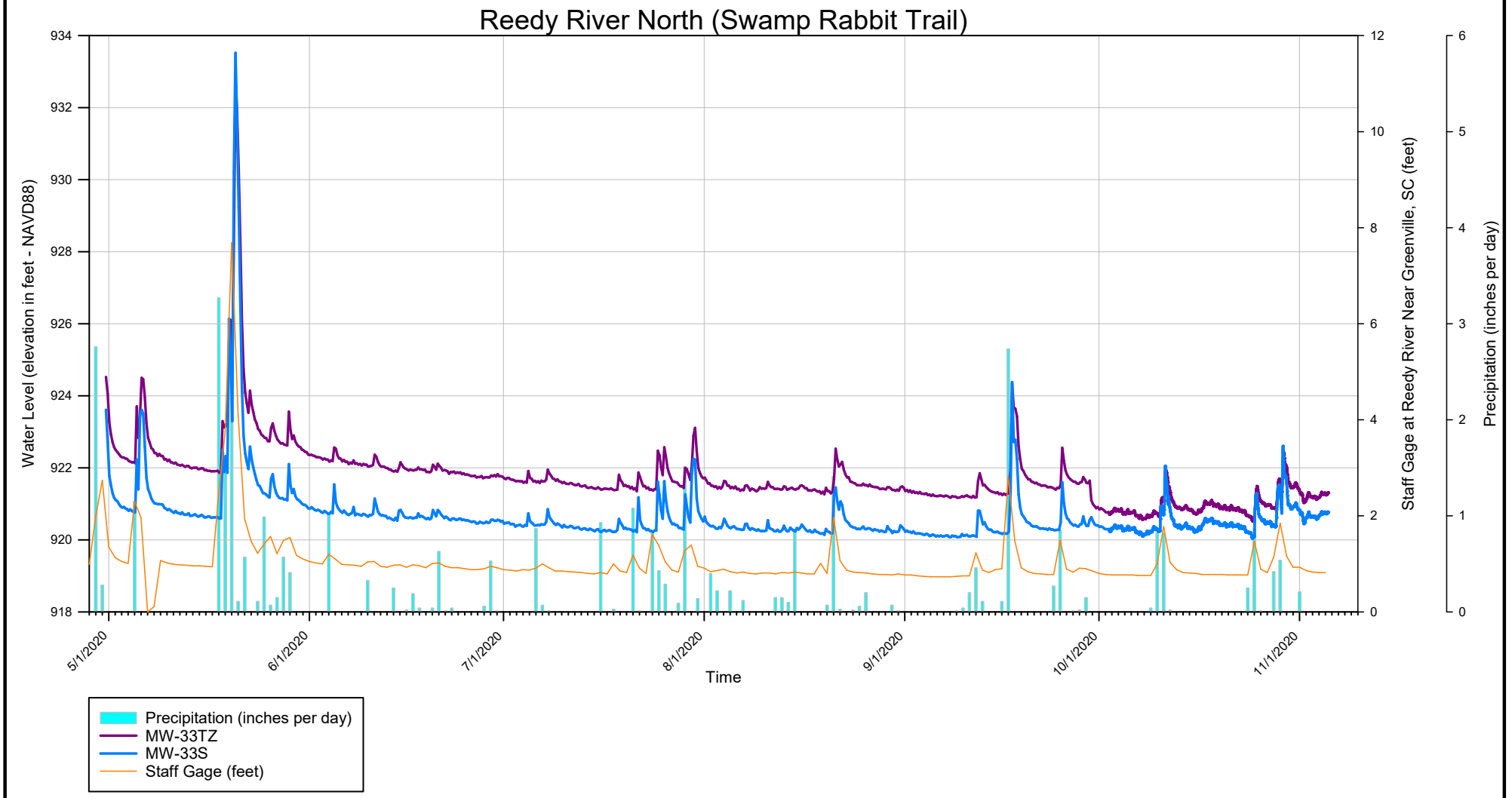
FIGURE 5
REEDY RIVER SOUTH HYDROGRAPHS (MW-31S/MW-31TZ)
QUARTERLY STATUS REPORT – FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



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synTerra

148 RIVER STREET, SUITE 220
GREENVILLE, SOUTH CAROLINA 29601
PHONE 864-421-9999
www.synterracorp.com

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CHECKED BY: L. DRAGO

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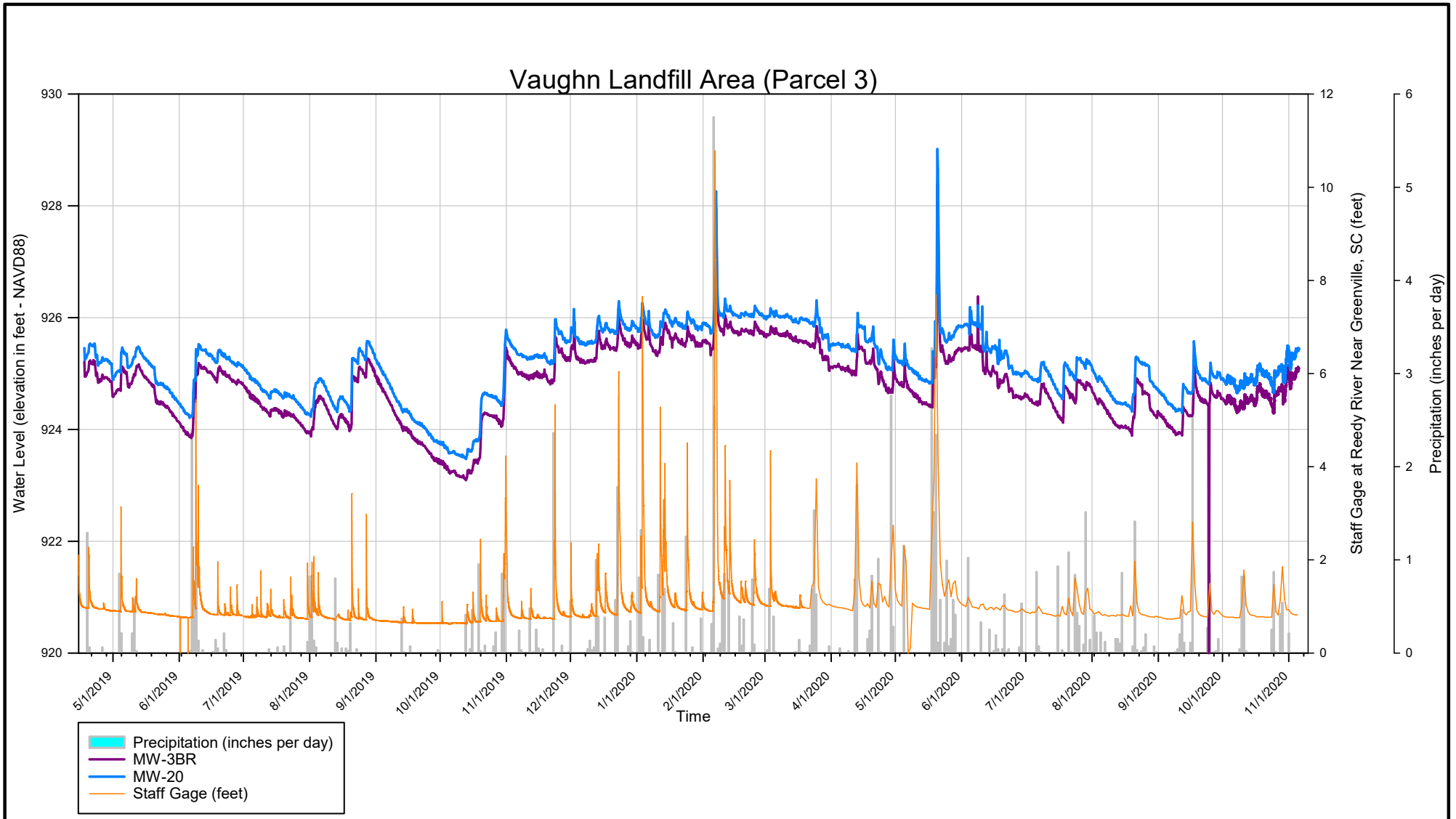
FIGURE 6
REEDY RIVER NORTH HYDROGRAPHS (MW-33S/MW-33TZ)
QUARTERLY STATUS REPORT – FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA



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synTerra

148 RIVER STREET, SUITE 220
GREENVILLE, SOUTH CAROLINA 29601
PHONE 864-421-9999
www.synterracorp.com

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FIGURE 7
VAUGHN LANDFILL AREA (PARCEL 3)
HYDROGRAPHS (MW-20/MW-03BR)
QUARTERLY STATUS REPORT – FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
EAST BRAMLETTE ROAD
GREENVILLE, SOUTH CAROLINA

TABLES

TABLE 1
SUMMARY OF SURFACE WATER ANALYTICAL DETECTIONS
QUARTERLY PROGRESS REPORT- FOURTH QUARTER 2020
FORMER BRAMLETTE MGP SITE
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		Field Parameters								VOCs		SVOCs	
Analytical Parameters		pH	Temperature	Specific Conductance	Dissolved Oxygen	Oxidation Reduction Potential	Eh	Turbidity	Flow	cis-1,2-Dichloroethene	Tetrachloroethene	Benzo(a)pyrene*	3&4-Methylphenol(m&p Cresol)
Reporting Units		S.U.	Deg C	µmhos/cm	mg/L	mV	mV	NTUs	GPM	µg/L	µg/L	µg/L	µg/L
SCDHEC R.61-68 Human Health MCLs		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.2	NE
Location ID	Sample Collection Date	Analytical Results											
RR-00	10/20/2020	6.6	16	59	10.80	95	300	13.9	NM	<1	<1	<2.8	<10
RR-01	10/20/2020	6.7	15	66	10.70	101	306	17.9	NM	<1	<1	<2.8	<10
RR-02	10/20/2020	6.7	15	66	10.70	30	235	17.1	NM	<1	<1	<2.8	<10
RR-03	10/20/2020	6.7	14	67	10.40	135	340	14.8	NM	<1	<1	<2.8	<10
RR-04	10/20/2020	6.7	14	68	10.60	139	344	16.6	NM	<1	<1	<2.8	<10
RR-05	10/20/2020	6.7	14	69	10.50	165	370	16.8	NM	<1	<1	<2.8	<10
RR-06	10/19/2020	7.0	15	67	9.92	74	279	14.8	NM	<1	<1	<2.8	<10
RR-07	10/19/2020	6.9	15	67	9.93	94	299	17.8	NM	<1	<1	<2.8	<10
RR-08	10/19/2020	6.7	14	68	10.02	86	291	18.9	NM	<1	<1	<2.8	<10
RR-09	10/19/2020	6.9	14	71	10.53	68	273	17.0	NM	<1	<1	<2.8	<10
RR-10	10/19/2020	7.1	14	72	9.93	78	283	15.1	NM	0.46 j	2.4	<2.8	<10
RR-11	10/19/2020	6.7	13	73	9.19	113	318	17.1	NM	0.47 j	2.1	<2.8	<10
SW-01	10/05/2020	6.8	22	210	2.09	15	220	9.4	NM	<1	<1	<0.009	<10
SW-02	10/05/2020	6.9	21	214	2.23	-71	134	36.4	NM	<1	<1	0.017 j	<10
SW-03	10/05/2020	6.8	17	203	3.40	-28	177	100.0	NM	<1	<1	0.14	<10
SW-04	10/05/2020	6.7	21	439	2.75	-69	136	165.0	NM	<1	<1	0.068 j	2.4 j
SW-05	10/05/2020	6.7	19	620	0.99	-114	91	24.0	NM	<1	<1	0.012 j	<10
SW-06	10/05/2020	6.3	16	708	1.65	-88	117	47.9	NM	<1	<1	<0.009	<10
SW-07	10/05/2020	6.5	16	71	2.87	39	244	18.4	NM	<1	<1	<0.009	<10
SW-08	10/05/2020	6.3	16	72	3.46	45	250	12.0	NM	<1	<1	<0.009	<10
SW-09	10/05/2020	6.4	15	73	4.59	35	240	17.4	NM	<1	<1	<0.009	<10
SW-10	10/05/2020	6.4	15	80	5.04	68	273	10.5	NM	<1	<1	<0.009	<10
SW-11	10/05/2020	6.3	15	73	4.10	53	258	8.7	NM	<1	<1	<0.009	<10
SW-12	10/05/2020	6.3	15	78	3.90	56	261	8.4	NM	<1	<1	<0.009	<10

Prepared by: JPC Checked by: TCK

Notes:

- Bold highlighted concentrations indicate that the compound was detected above the SCDHEC R.61-68 Human Health MCLs.

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

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

Deg C - Degrees Celsius

µmhos/cm - microhmos per centimeter

mg/L - Milligrams per liter

mV - Millivolts

GPM - Gallons per minute

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

MCLs - Maximum Contaminant Levels

NA - Not analyzed

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

NM - Not measured

NTUs - Nephelometric turbidity units

S.U. - Standard units

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

SVOCs - Semi-volatile organic compounds

VOCs - Volatile organic compounds

TABLE 2
SUMMARY OF SEDIMENT ANALYTICAL DETECTIONS
QUARTERLY PROGRESS REPORT - QUARTER 4 2020
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		VOCs												
Analytical Parameter		Acetone	Benzene	2-Butanone (MEK)	Chloroform	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene chloride	n-Propylbenzene	Tetrachloroethene	Toluene	Trichloroethene	1,2,4-Trimethylbenzene
Reporting Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
USEPA Industrial RSL		670000000	5100	190000000	1400	25000	9900000	NE	1000000	NE	NE	47000000	NE	1800000
USEPA Residential RSL		61000000	1200	27000000	320	5800	1900000	NE	57000	NE	NE	4900000	NE	300000
USEPA Region 4 RSV		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Location ID	Sample Collection Date	Analytical Results												
DA4-SB-01 (0-0.67)	10/14/2020	30.6 j	<3.1	<61.3	<3.1	<3.1	<3.1	49.8	<12.3	<3.1	<3.1	4.2	<3.1	2.8 j
DA4-SB-01 (0.67-1.33)	10/14/2020	<103	<5.2	<103	<5.2	<5.2	<5.2	<5.2	<20.7	<5.2	<5.2	13.6	<5.2	4.1 j
DA4-SB-02 (0-0.67)	10/14/2020	<78.7	<3.9	<78.7	<3.9	<3.9	<3.9	<3.9	<15.7	<3.9	<3.9	19.9	<3.9	<3.9
DA4-SB-02 (0.67-1.33)	10/14/2020	<156	<7.8	<156	<7.8	<7.8	<7.8	<7.8	50.3	<7.8	<7.8	6.4 j	<7.8	<7.8
DA4-SB-03 (0-0.67)	10/14/2020	92.6 j	<10	114 j	<10	<10	<10	<10	<40.1	<10	<10	26.5	<10	<10
DA4-SB-03 (0.67-1.33)	10/14/2020	124 j	<10.9	130 j	<10.9	17.7	<10.9	<10.9	<43.8	<10.9	<10.9	278	<10.9	33.5
DA4-SB-04 (0-0.67)	10/14/2020	<317	<15.8	<317	<15.8	<15.8	<15.8	11.1 j	42.4 j	<15.8	<15.8	<15.8	<15.8	<15.8
DA4-SB-04 (0.67-1.33)	10/14/2020	<141	<7	<141	<7	<7	<7	<7	<28.2	<7	<7	10.2	<7	<7
DA4-SB-05 (0-0.67)	10/14/2020	<295	<14.7	<295	<14.7	<14.7	<14.7	27.2	218	<14.7	<14.7	10.3 j	<14.7	<14.7
DA4-SB-05 (0.67-1.33)	10/14/2020	<249	9.8 j	<249	<12.5	15.5	<12.5	<12.5	87.7	<12.5	<12.5	34.8	<12.5	18.7
DA5-SB-01 (0-0.67)	10/15/2020	<145	<7.2	73.6 j	<7.2	22.3	9.5	<7.2	<29	13.9	<7.2	157	<7.2	63.3
DA5-SB-01 (0.67-1.33)	10/15/2020	<126	<6.3	182	<6.3	10.8	<6.3	<6.3	<25.1	5.8 j	<6.3	46.4	<6.3	20
DA5-SB-02 (0-0.67)	10/15/2020	<175	<8.7	262	<8.7	12.9	<8.7	10	<35	6.6 j	<8.7	78.6	<8.7	31.2
DA5-SB-02 (0.67-1.33)	10/15/2020	<145	<7.2	203	<7.2	18.2	9.3	7.5	<29	10.1	<7.2	72.1	<7.2	66.2
DA5-SB-03 (0-0.67)	10/15/2020	<176	11.8	253	<8.8	18.8	9.2	9.7	<35.1	10.8	<8.8	89.3	<8.8	48.8
DA5-SB-03 (0.67-1.33)	10/15/2020	<154	<7.7	212	<7.7	<7.7	<7.7	<7.7	<30.7	<7.7	<7.7	12.9	<7.7	7.6 j
DA5-SB-04 (0-0.67)	10/15/2020	151 j	13	322	<10.7	23.4	10.3 j	9.3 j	<42.7	13.2	<10.7	103	<10.7	56.9
DA5-SB-04 (0.67-1.33)	10/15/2020	<138	<6.9	213	<6.9	11.5	6.1 j	5.2 j	<27.6	6.6 j	<6.9	36.4	<6.9	34.1
RR-00 (0-0.67)	10/20/2020	<157	<7.9	194	20.7 1g	<7.9	<7.9	<7.9	<31.4	<7.9	<7.9	<7.9	<7.9	<7.9
RR-00 (0.67-1.33)	10/20/2020	<149	<7.5	201	20.7 1g	<7.5	<7.5	<7.5	<29.9	<7.5	<7.5	<7.5	<7.5	<7.5
RR-01 (0-0.67)	10/20/2020	<109	<5.4	144	<5.4	<5.4	<5.4	<5.4	<21.7	<5.4	<5.4	<5.4	<5.4	<5.4
RR-01 (0.67-1.33)	10/20/2020	<108	<5.4	147	13.7 1g	<5.4	<5.4	<5.4	<21.6	<5.4	<5.4	3.7 j	<5.4	<5.4
RR-02 (0-0.67)	10/20/2020	<115	<5.7	127	<5.7	<5.7	<5.7	<5.7	36.5 B,C9	<5.7	<5.7	8.4	<5.7	<5.7
RR-02 (0.67-1.33)	10/20/2020	<105	<5.2	148	<5.2	<5.2	<5.2	<5.2	12.6 j,B,C9	<5.2	<5.2	4.4 j	<5.2	<5.2
RR-03 (0-0.67)	10/20/2020	<114	<5.7	173	<5.7	<5.7	<5.7	<5.7	23.2 B,C9	<5.7	<5.7	8.8	<5.7	<5.7
RR-03 (0.67-1.33)	10/20/2020	<127	<6.4	187	<6.4	<6.4	<6.4	<6.4	42.5 B,C9	<6.4	<6.4	20	<6.4	<6.4
RR-04 (0-0.67)	10/20/2020	<100	<5	131	<5	<5	<5	<5	14.1 j,B,C9	<5	<5	4.1 j	<5	<5
RR-04 (0.67-1.33)	10/20/2020	<94.9	<4.7	111	<4.7	<4.7	<4.7	<4.7	19.1 B,C9	<4.7	<4.7	4.7 j	<4.7	<4.7
RR-05 (0-0.67)	10/20/2020	<142	<7.1	174	<7.1	<7.1	<7.1	<7.1	21.5 j,B,C9	<7.1	<7.1	5.5 j	<7.1	<7.1
RR-05 (0.67-1.33)	10/20/2020	<115	<5.7	150	<5.7	<5.7	<5.7	<5.7	20 j,B,C9	<5.7	<5.7	3.5 j	<5.7	<5.7
RR-06 (0-0.67)	10/19/2020	<119	<6	166	<6	<6	<6	<6	23.1 j,B,C9	<6	10.8	21	<6	<6
RR-06 (0.67-1.33)	10/19/2020	<105	<5.2	139	<5.2	<5.2	<5.2	<5.2	14.8 j,B,C9	<5.2	18	6.4	<5.2	<5.2
RR-07 (0-0.67)	10/19/2020	<108	<5.4	141	<5.4	<5.4	<5.4	<5.4	14.1 j,B,C9	<5.4	<5.4	<5.4	<5.4	<5.4
RR-07 (0.67-1.33)	10/19/2020	<149	<7.5	169	<7.5	<7.5	<7.5	<7.5	48.5 C9	<7.5	<7.5	4.4 j	<7.5	<7.5
RR-08 (0-0.67)	10/19/2020	<103	<5.1	124	<5.1	<5.1	<5.1	<5.1	<20.5	<5.1	<5.1	<5.1	<5.1	<5.1
RR-08 (0.67-1.33)	10/19/2020	<81	<4.1	58 j	<4.1	<4.1	<4.1	<4.1	10.6 j,B,C9	<4.1	<4.1	<4.1	<4.1	<4.1
RR-09 (0-0.67)	10/19/2020	<132	<6.6	181	19.5	<6.6	<6.6	<6.6	<26.3	<6.6	<6.6	9.5	<6.6	<6.6
RR-09 (0.67-1.33)	10/19/2020	<89	<4.5	125	<4.5	<4.5	<4.5	<4.5	<17.8	<4.5	<4.5	3.6 j	<4.5	<4.5
RR-10 (0-0.67)	10/19/2020	<85	<4.3	111	<4.3	4.4	<4.3	<4.3	<17	<4.3	41.3	4.8	9.2	<4.3
RR-11 (0-0.67)	10/19/2020	<252	45.3	255	<12.6	27.5	<12.6	<12.6	67 D6,C9	<12.6	<12.6	285	<12.6	44
RR-11 (0.67-1.33)	10/19/2020	338	<12.7	2000 M1	<12.7	13.8	<12.7	<12.7	617 C9	<12.7	<12.7	75.3	19.1	23.7

Notes:
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- Blue shading indicates that the compound was detected above the USEPA RSL residential screening level.
- Orange shading indicates that the compound was detected above the USEPA Region 4 RSV refinement screening value.
% - Percent
< - Concentration not detected at or above the adjusted reporting limit.
* - In instances where the reporting limit is greater than the comparative regulatory criteria, the non-detected value is reported as less than the maximum detection limit.
µg/kg - Micrograms per kilogram
mg/kg - Milligrams per kilogram
1g - Result confirmed by second analysis performed out of hold.
B - Target analyte detected in method blank at or above the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.
C9 - Common Laboratory Contaminant
D6 - The relative percent difference between the sample and sample duplicate exceeded laboratory control limits.
IK - The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
j - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.
MTBE - Methyl-tert-butyl ether
NA - Not analyzed
NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.
RSL - Regional Screening Level
RSV - Refinement Screening Value
SVOCs - Semi-volatile organic compounds
USEPA - United States Environmental Protection Agency
VOCs - Volatile organic compounds

TABLE 2
SUMMARY OF SEDIMENT ANALYTICAL DETECTIONS
QUARTERLY PROGRESS REPORT - QUARTER 4 2020
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		VOCs (Continued)				SVOCs							
Analytical Parameter		1,3,5-Trimethylbenzene	m&p-Xylene	o-Xylene	Xylene (Total)	Acenaphthene*	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene*	Benzo(b)fluoranthene*	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
Reporting Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
USEPA Industrial RSL		1500000	2400000	2800000	2500000	45000000	NE	230000000	NE	2100	21000	NE	210000
USEPA Residential RSL		270000	560000	650000	580000	3600000	NE	18000000	NE	110	1100	NE	11000
USEPA Region 4 RSV		NE	NE	NE	NE	4910	4520	5940	8410	9650	9790	10900	9810
Location ID	Sample Collection Date	Analytical Results				Analytical Results							
DA4-SB-01 (0-0.67)	10/14/2020	<3.1	<6.1	2.8 j	<6.1	<517	<2010	<2010	<2010	<870	<809	<2010	<2010
DA4-SB-01 (0.67-1.33)	10/14/2020	<5.2	11.3	5.2	16.5	<118	<457	<457	<457	<198	<184	<457	<457
DA4-SB-02 (0-0.67)	10/14/2020	<3.9	<7.9	<3.9	<7.9	<183	251 j	596 j	1390	344	1300	629 j	475 j
DA4-SB-02 (0.67-1.33)	10/14/2020	<7.8	<15.6	<7.8	<15.6	190 j	335 j	1700	2120	11.5 j	1650	682	658
DA4-SB-03 (0-0.67)	10/14/2020	<10	<20.1	<10	<20.1	<210	<817	<817	<817	<354	<329	<817	<817
DA4-SB-03 (0.67-1.33)	10/14/2020	<10.9	72.2	41.4	114	<196	<763	<763	<763	<331	<308	<763	<763
DA4-SB-04 (0-0.67)	10/14/2020	<15.8	<31.7	<15.8	<31.7	<244	<950	<950	<950	443 D6	<383	<950	<950
DA4-SB-04 (0.67-1.33)	10/14/2020	<7	<14.1	4.9 j	<14.1	<130	156 j	373 j	1460	1290	1520	601	651
DA4-SB-05 (0-0.67)	10/14/2020	<14.7	<29.5	<14.7	<29.5	<215	<838	283 j	999	660	961	502 j	393 j
DA4-SB-05 (0.67-1.33)	10/14/2020	<12.5	39.7	23.5	63.2	<145	<563	170 j	740	259	742	371 j	305 j
DA5-SB-01 (0-0.67)	10/15/2020	19.4	150	104	254	<533	<2070	<2070	<2070	<897	<835	<2070	<2070
DA5-SB-01 (0.67-1.33)	10/15/2020	6.7	49	33.5	82.5	<583	<2260	<2260	<2260	<981	<913	<2260	<2260
DA5-SB-02 (0-0.67)	10/15/2020	11.7	75.7	48.4	124	<139	<541	<541	<541	8.7 j	<218	<541	<541
DA5-SB-02 (0.67-1.33)	10/15/2020	22.6	121	82.5	203	<123	<478	<478	<478	<207	<192	<478	<478
DA5-SB-03 (0-0.67)	10/15/2020	19.2	120	80.7	200	<144	<560	<560	<560	12.5 j	<226	<560	<560
DA5-SB-03 (0.67-1.33)	10/15/2020	<7.7	16.9	9.9	26.7	<130	<504	<504	<504	1.9 j	<203	<504	<504
DA5-SB-04 (0-0.67)	10/15/2020	18.2	136	87.5	223	<163	<632	<632	<632	<274	<255	<632	<632
DA5-SB-04 (0.67-1.33)	10/15/2020	10.3	63.5	47.7	111	<126	<488	<488	<488	<212	<197	<488	<488
RR-00 (0-0.67)	10/20/2020	<7.9	<15.7	<7.9	<15.7	<112	<437	<437	<437	4.5 j	<176	<437	<437
RR-00 (0.67-1.33)	10/20/2020	<7.5	<14.9	<7.5	<14.9	<115	<448	<448	<448	<0.68	<180	<448	<448
RR-01 (0-0.67)	10/20/2020	<5.4	<10.9	<5.4	<10.9	<114	<442	<442	<442	<192	<178	<442	<442
RR-01 (0.67-1.33)	10/20/2020	<5.4	<10.8	<5.4	<10.8	<106	<410	<410	<410	4.2 j	<165	<410	<410
RR-02 (0-0.67)	10/20/2020	<5.7	<11.5	<5.7	<11.5	<104	<405	<405	<405	<176	<163	<405	<405
RR-02 (0.67-1.33)	10/20/2020	<5.2	<10.5	<5.2	<10.5	<107	<415	<415	<415	9.3 j	<167	<415	<415
RR-03 (0-0.67)	10/20/2020	<5.7	<11.4	<5.7	<11.4	<111	<433	<433	<433	<188	<175	<433	<433
RR-03 (0.67-1.33)	10/20/2020	<6.4	<12.7	<6.4	<12.7	<122	<474	<474	410 j	308 j	391 j	<474	<474
RR-04 (0-0.67)	10/20/2020	<5	<10	<5	<10	<112	<434	<434	<434	10.6 j	<175	<434	<434
RR-04 (0.67-1.33)	10/20/2020	<4.7	<9.5	<4.7	<9.5	<109	<424	<424	<424	<184	<171	<424	<424
RR-05 (0-0.67)	10/20/2020	<7.1	<14.2	<7.1	<14.2	<113	<438	<438	172 j	3.7 j	198 j	<438	<438
RR-05 (0.67-1.33)	10/20/2020	<5.7	<11.5	<5.7	<11.5	<110	<426	<426	<426	4.9 j	<172	<426	<426
RR-06 (0-0.67)	10/19/2020	<6	<11.9	4.3 j	<11.9	<108	<418	<418	<418	<181	<169	<418	<418
RR-06 (0.67-1.33)	10/19/2020	<5.2	<10.5	<5.2	<10.5	<108	<418	<418	<418	<181	<168	<418	<418
RR-07 (0-0.67)	10/19/2020	<5.4	<10.8	<5.4	<10.8	<109	<423	<423	<423	5.5 j	<171	<423	<423
RR-07 (0.67-1.33)	10/19/2020	<7.5	<14.9	<7.5	<14.9	<108	<420	<420	<420	6.5 j	<169	<420	<420
RR-08 (0-0.67)	10/19/2020	<5.1	<10.3	<5.1	<10.3	<107	<414	<414	<414	<180	<167	<414	<414
RR-08 (0.67-1.33)	10/19/2020	<4.1	<8.1	<4.1	<8.1	<103	<401	<401	<401	<174	<162	<401	<401
RR-09 (0-0.67)	10/19/2020	<6.6	<13.2	4.9 j	<13.2	<107	<415	<415	<415	<180	<167	<415	<415
RR-09 (0.67-1.33)	10/19/2020	<4.5	<8.9	<4.5	<8.9	<109	<424	<424	<424	<184	<171	<424	<424
RR-10 (0-0.67)	10/19/2020	<4.3	<8.5	<4.3	<8.5	<110	<428	<428	<428	<185	<172	<428	<428
RR-11 (0-0.67)	10/19/2020	<12.6	149	69.5 D6	218	<114	<445	<445	<445	8.8 j	<179	<445	<445
RR-11 (0.67-1.33)	10/19/2020	<12.7	53.4	27.4	80.8	<148	<574	<574	<574	<249	<231	<574	<574

Notes:
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FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		SVOCs (Continued)												
Analytical Parameter		n-Butylbenzene	Chrysene	Dibenzofuran	2,4-Dinitrotoluene*	2,6-Dinitrotoluene*	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene*	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Percent Moisture
Reporting Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	%
USEPA Industrial RSL		NE	2100000	1000000	7400	1500	30000000	30000000	21000	3000000	17000	NE	23000000	NE
USEPA Residential RSL		NE	110000	73000	1700	360	2400000	2400000	1100	240000	3800	NE	1800000	NE
USEPA Region 4 RSV		NE	8440	NE	NE	NE	7070	5380	11200	4470	3850	5960	6970	NE
Location ID	Sample Collection Date	Analytical Results												
DA4-SB-01 (0-0.67)	10/14/2020	<3.1	<2010	<2010	<532	<525	<2010	<2010	<919	<2010	10 IK	<2010	<2010	17
DA4-SB-01 (0.67-1.33)	10/14/2020	<5.2	159 j	<457	<121	<120	434 j	<457	<209	<457	51.8 IK	<457	362 j,M1	27.4
DA4-SB-02 (0-0.67)	10/14/2020	<3.9	1120	<711	<188	<186	2740 D6	205 j	570 j	<711	<711	1480 D6	2410 D6	53.8
DA4-SB-02 (0.67-1.33)	10/14/2020	<7.8	1620	128 j	<129	<128	4870	484 j	677	<488	34.4 IK	3520	3660	31.7
DA4-SB-03 (0-0.67)	10/14/2020	<10	<817	<817	<216	<214	<817	<817	<374	<817	46.4 IK	<817	<817	59.1
DA4-SB-03 (0.67-1.33)	10/14/2020	<10.9	<763	<763	<202	<200	<763	<763	<349	<763	139 IK	<763	233 j	57.1
DA4-SB-04 (0-0.67)	10/14/2020	<15.8	<950	<950	<252	<248	<950	<950	<435	<950	<950	<950	<950	64.7
DA4-SB-04 (0.67-1.33)	10/14/2020	<7	1160	<503	<133	<132	2940	<503	572	<503	22.3 IK	1030	2190	34.4
DA4-SB-05 (0-0.67)	10/14/2020	<14.7	829 j	<838	<222	<219	1740	<838	427 j	<838	35.2 IK	690 j	1790	60.1
DA4-SB-05 (0.67-1.33)	10/14/2020	<12.5	619	<563	<149	<147	1270	<563	365 j	<563	142 IK	291 j	1170	42.4
DA5-SB-01 (0-0.67)	10/15/2020	8.4	<2070	<2070	<549	<542	857 j	<2070	<948	<2070	<2070	642 j	723 j	20.3
DA5-SB-01 (0.67-1.33)	10/15/2020	3.8 j	<2260	<2260	<600	<592	<2260	<2260	<1040	<2260	36.3 IK	<2260	<2260	27.9
DA5-SB-02 (0-0.67)	10/15/2020	<8.7	<541	<541	<143	<141	<541	<541	<247	<541	58.5 IK	<541	<541	38.2
DA5-SB-02 (0.67-1.33)	10/15/2020	<7.2	<478	<478	<126	<125	<478	<478	<218	<478	106 IK	<478	<478	31.3
DA5-SB-03 (0-0.67)	10/15/2020	<8.8	<560	<560	<148	<147	<560	<560	<256	<560	<560	<560	<560	40.5
DA5-SB-03 (0.67-1.33)	10/15/2020	<7.7	<504	<504	<134	<132	<504	<504	<231	<504	17.3 IK	<504	<504	35.2
DA5-SB-04 (0-0.67)	10/15/2020	<10.7	192 j	<632	<167	<165	345 j	<632	<289	168 j	80.8 IK	215 j	306 j	46.9
DA5-SB-04 (0.67-1.33)	10/15/2020	4.5 j	142 j	<488	<129	<128	294 j	<488	<223	<488	43.3 IK	256 j	257 j	33.1
RR-00 (0-0.67)	10/20/2020	<7.9	<437	<437	<116	<114	<437	<437	<200	<437	<437	<437	<437	23.2
RR-00 (0.67-1.33)	10/20/2020	<7.5	<448	<448	<119	<117	<448	<448	<205	<448	<448	<448	<448	27.3
RR-01 (0-0.67)	10/20/2020	<5.4	<442	<442	<117	<116	<442	<442	<202	<442	<5.4	<442	<442	25.4
RR-01 (0.67-1.33)	10/20/2020	<5.4	<410	<410	<109	<107	<410	<410	<188	<410	5.8 IK	<410	<410	19
RR-02 (0-0.67)	10/20/2020	<5.7	<405	<405	<107	<106	<405	<405	<185	<405	<405	<405	<405	18
RR-02 (0.67-1.33)	10/20/2020	<5.2	<415	<415	<110	<108	<415	<415	<190	<415	<415	<415	<415	21.5
RR-03 (0-0.67)	10/20/2020	<5.7	<433	<433	<115	<113	250 j	<433	<198	<433	8.2 IK	<433	199 j	23.8
RR-03 (0.67-1.33)	10/20/2020	<6.4	359 j	<474	<125	<124	671	<474	<217	<474	<474	153 j	530	30.1
RR-04 (0-0.67)	10/20/2020	<5	<434	<434	<115	<113	<434	<434	<198	<434	<5	<434	<434	23.9
RR-04 (0.67-1.33)	10/20/2020	<4.7	<424	<424	<112	<111	<424	<424	<194	<424	<4.7	<424	<424	22.2
RR-05 (0-0.67)	10/20/2020	<7.1	183 j	<438	<116	<115	356 j	<438	<201	<438	<438	145 j	305 j	23.5
RR-05 (0.67-1.33)	10/20/2020	<5.7	<426	<426	<113	<112	<426	<426	<195	<426	<426	<426	<426	23.1
RR-06 (0-0.67)	10/19/2020	<6	<418	<418	<111	<109	<418	<418	<191	<418	<6	<418	<418	20.1
RR-06 (0.67-1.33)	10/19/2020	<5.2	<418	<418	<111	<109	178 j	<418	<191	<418	<418	<418	142 j	21
RR-07 (0-0.67)	10/19/2020	<5.4	<423	<423	<112	<111	<423	<423	<194	<423	<423	<423	<423	20.7
RR-07 (0.67-1.33)	10/19/2020	<7.5	<420	<420	<111	<110	<420	<420	<192	<420	<420	<420	<420	21.5
RR-08 (0-0.67)	10/19/2020	<5.1	<414	<414	<110	<108	<414	<414	<190	<414	<414	<414	<414	20.6
RR-08 (0.67-1.33)	10/19/2020	<4.1	<401	<401	<106	<105	<401	<401	<184	<401	<4.1	<401	<401	17.2
RR-09 (0-0.67)	10/19/2020	<6.6	<415	<415	<110	<108	132 j	<415	<190	<415	<6.6	<415	<415	21.7
RR-09 (0.67-1.33)	10/19/2020	<4.5	132 j	<424	243 j	375 j	289 j	<424	<194	<424	<424	217 j	224 j	22.7
RR-10 (0-0.67)	10/19/2020	<4.3	<428	<428	<113	<112	<428	<428	<196	<428	<428	<428	<428	21.5
RR-11 (0-0.67)	10/19/2020	<12.6	<445	<445	<118	<116	<445	<445	<204	<445	<445	<445	<445	27.1
RR-11 (0.67-1.33)	10/19/2020	<12.7	<574	<574	<152	<150	<574	<574	<263	<574	45.7 IK	<574	<574	43.3

Prepared by: JPC Checked by: TCK

Notes:
Bold type indicates that the compound was detected above the adjusted method detection limit.
- Purple shading indicates that the compound was detected above the USEPA RSL industrial screening level.
- Blue shading indicates that the compound was detected above the USEPA RSL residential screening level.
- Orange shading indicates that the compound was detected above the USEPA Region 4 RSV refinement screening value.
% - Percent
< - Concentration not detected at or above the adjusted reporting limit.
* - In instances where the reporting limit is greater than the comparative regulatory criteria, the non-detected value is reported as less than the maximum detection limit.
µg/kg - Micrograms per kilogram
mg/kg - Milligrams per kilogram
1g - Result confirmed by second analysis performed out of hold.
B - Target analyte detected in method blank at or above the reporting limit. Target analyte concentration in sample is less than 10X the concentration in the method blank. Analyte concentration in sample could be due to blank contamination.
C9 - Common Laboratory Contaminant
D6 - The relative percent difference between the sample and sample duplicate exceeded laboratory control limits.
IK - The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
j - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
M1 - Matrix spike recovery was high: the associated Laboratory Control Spike (LCS) was acceptable.
MTBE - Methyl-tert-butyl ether
NA - Not analyzed
NE - No screening level established at this time. A site-specific risk-based screening level may be established as part of the risk assessment process outlined in Section 5.0 of the RIWP-A.
RSL - Regional Screening Level
RSV - Refinement Screening Value
SVOCs - Semi-volatile organic compounds
USEPA - United States Environmental Protection Agency
VOCs - Volatile organic compounds

TABLE 3
SUMMARY OF SOIL ANALYTICAL DETECTIONS
QUARTERLY PROGRESS REPORT - QUARTER 4 2020
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		VOCs								SVOCs					
Analytical Parameter		Acetone	Benzene	p-Isopropyltoluene	Toluene	1,2,4-Trimethylbenzene	m&p-Xylene	o-Xylene	Xylene (Total)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene*
Reporting Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
USEPA Industrial RSL		670000000	5100	NE	47000000	1800000	2400000	2800000	2500000	45000000	NE	230000000	NE	2100	21000
USEPA Residential RSL		61000000	1200	NE	4900000	300000	560000	650000	580000	3600000	NE	18000000	NE	110	1100
Location ID	Sample Collection Date														
DA1-SB-03 (2-3)	11/09/2020	<131	<6.6	<6.6	12	7.3	15.4	10.9	26.3	<4040	1070 j	1850 j	3710 j	2380 D3	3240 j
DA1-SB-04B (2-3)	11/09/2020	<131	3.6 j	4 j	19.3	11.5	23	13.6	36.5	1190 j	<3920	3360 j	10200	6370	9940
DA1-SB-05A (2-3)	11/09/2020	<137	<6.8	3.7 j	8.4	4.9 j	10.2 j	4.8 j	<13.7	<1940	<1940	<1940	<1940	740	<783
DA1-SB-06 (2-3)	11/09/2020	<180	<9	<9	8.1 j	9.8	17.5 j	7.5 j	<18	<4210	<4210	<4210	<4210	419	<1700
DA1-SB-07 (2-3)	11/09/2020	55.9 j	<7.8	58.7	8.3	5.6 j	11.1 j	4.7 j	<15.7	<2110	<2110	<2110	826 j	788	966 j
DA1-SB-08 (2-3)	11/09/2020	<141	<7	3.8 j	11.3	16.2	31.6	13.2	44.8	<3950	<3950	<3950	2830 j	5840 D6	4260
DA1-SB-09 (2-3)	11/09/2020	<146	<7.3	4.4 j	8.5	11.2	25.6	12.5	38.1	7210	699 j	17200	43000	34300	39600

Notes:

Bold type indicates that the compound was detected above the adjusted method detection limit.

- Purple shading indicates that the compound was detected above the USEPA RSL industrial screening level.

- Blue shading indicates that the compound was detected above the USEPA RSL residential screening level.

% - Percent

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

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

µg/kg - Micrograms per kilogram

D3 - Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 - The relative percent difference between the sample and sample duplicate exceeded laboratory control limits.

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

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

NA - Not analyzed

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

RSL - Regional Screening Level

SVOCs - Semi-volatile organic compounds

USEPA - United States Environmental Protection Agency

VOCs - Volatile organic compounds

TABLE 3
SUMMARY OF SOIL ANALYTICAL DETECTIONS
QUARTERLY PROGRESS REPORT - QUARTER 4 2020
FORMER BRAMLETTE MGP
DUKE ENERGY CAROLINAS, LLC, GREENVILLE, SC

		SVOCs (Continued)												Other
Analytical Parameter		Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Butylbenzylphthalate	Chrysene	Dibenz(a,h)anthracene*	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene*	Naphthalene	Phenanthrene	Pyrene	Percent Moisture
Reporting Units		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	%
USEPA Industrial RSL		NE	210000	1200000	2100000	2100	1000000	30000000	30000000	21000	17000	NE	23000000	NE
USEPA Residential RSL		NE	11000	290000	110000	110	73000	2400000	2400000	1100	3800	NE	1800000	NE
Location ID	Sample Collection Date													
DA1-SB-03 (2-3)	11/09/2020	2000 j	<4040	<4040	2840 j	<1610	<4040	7930	<4040	<1850	28.8	8430	6580	16.9
DA1-SB-04B (2-3)	11/09/2020	5750	3740 j	<3920	7530	<1570	<3920	19000	1180 j	5020	439 M1	12500	15800	14.4
DA1-SB-05A (2-3)	11/09/2020	<1940	<1940	894 j	<1940	<777	<1940	<1940	<1940	<889	29.3	<1940	<1940	14.5
DA1-SB-06 (2-3)	11/09/2020	<4210	<4210	<4210	<4210	<1680	<4210	<4210	<4210	<1930	30.1	<4210	<4210	22.9
DA1-SB-07 (2-3)	11/09/2020	<2110	<2110	<2110	862 j	<844	<2110	1550 j	<2110	<965	20.9	968 j	1340 j	23
DA1-SB-08 (2-3)	11/09/2020	2300 j	<3950	<3950	3290 j	<1580	<3950	5050	<3950	2000 j	27.8	2860 j	5590	17.8
DA1-SB-09 (2-3)	11/09/2020	17600	14500	<2000	33600	4830	4530	94500	10500	15400	30.6	57500	67600	18.3

Prepared by: JPC Checked by: TCK

Notes:

Bold type indicates that the compound was detected above the adjusted method detection limit.

- Purple shading indicates that the compound was detected above the USEPA RSL industrial screening level.

- Blue shading indicates that the compound was detected above the USEPA RSL residential screening level.

% - Percent

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

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

µg/kg - Micrograms per kilogram

D3 - Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

D6 - The relative percent difference between the sample and sample duplicate exceeded laboratory control limits.

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

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

NA - Not analyzed

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

RSL - Regional Screening Level

SVOCs - Semi-volatile organic compounds

USEPA - United States Environmental Protection Agency

VOCs - Volatile organic compounds

ATTACHMENT A

ANALYTICAL LABORATORY REPORTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 22, 2020

Program Manager
Duke Energy
13339 Hagers Ferry Road
Bldg. 7405 MG30A2
Huntersville, NC 28078

RE: Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Dear Program Manager:

Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Herring
kevin.herring@pacelabs.com
1(704)875-9092
HORIZON Database Administrator

Enclosures

cc: Tom King
Amber Lipsky
Program Manager, Duke Energy
Mike Mastbaum
Todd Plating, Synterra
Rick Powell
B. Russo
Heather Smith

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92498978001	**SW-1_WS_20201005**	Water	10/05/20 14:00	10/06/20 12:05
92498978002	**SW-2_WS_20201005**	Water	10/05/20 12:45	10/06/20 12:05
92498978003	**SW-3_WS_20201005**	Water	10/05/20 13:15	10/06/20 12:05
92498978004	**SW-4_WS_20201005**	Water	10/05/20 13:45	10/06/20 12:05
92498978005	**SW-5_WS_20201005**	Water	10/05/20 12:30	10/06/20 12:05
92498978006	**SW-6_WS_20201005**	Water	10/05/20 12:15	10/06/20 12:05
92498978007	**SW-7_WS_20201005**	Water	10/05/20 11:45	10/06/20 12:05
92498978008	**SW-8_WS_20201005**	Water	10/05/20 11:25	10/06/20 12:05
92498978009	**SW-9_WS_20201005**	Water	10/05/20 11:15	10/06/20 12:05
92498978010	**SW-10_WS_20201005**	Water	10/05/20 10:15	10/06/20 12:05
92498978011	**SW-11_WS_20201005**	Water	10/05/20 10:50	10/06/20 12:05
92498978012	**SW-12_WS_20201005**	Water	10/05/20 10:40	10/06/20 12:05
92498978013	**TB-01_WQ_20201005**	Water	10/05/20 14:15	10/06/20 12:05

Pace Analytical Services, LLC
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Huntersville, NC 28078
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SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92498978001	SW-1_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92498978002	SW-2_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92498978003	SW-3_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92498978004	SW-4_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92498978005	SW-5_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	SAS	62	PASI-C
92498978006	SW-6_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978007	SW-7_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978008	SW-8_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978009	SW-9_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978010	SW-10_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978011	SW-11_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978012	SW-12_WS_20201005	EPA 8270E	PKS	73	PASI-C
		EPA 8270E by SIM	BPJ	4	PASI-C
		EPA 8260D	CL	62	PASI-C
92498978013	TB-01_WQ_20201005	EPA 8260D	CL	62	PASI-C

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory

PASI-C = Pace Analytical Services - Charlotte

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92498978002	**SW-2_WS_20201005**					
EPA 8270E by SIM	Benzo(a)pyrene	0.017J	ug/L	0.10	10/12/20 18:58	
92498978003	**SW-3_WS_20201005**					
EPA 8270E by SIM	Benzo(a)pyrene	0.14	ug/L	0.10	10/12/20 19:20	
92498978004	**SW-4_WS_20201005**					
EPA 8270E	3&4-Methylphenol(m&p Cresol)	2.4J	ug/L	10.0	10/09/20 15:17	
EPA 8270E by SIM	Benzo(a)pyrene	0.068J	ug/L	0.10	10/12/20 19:42	
92498978005	**SW-5_WS_20201005**					
EPA 8270E by SIM	Benzo(a)pyrene	0.012J	ug/L	0.10	10/12/20 20:03	

Pace Analytical Services, LLC
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PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 22, 2020

General Information:
12 samples were analyzed for EPA 8270E by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 571981

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

- BLANK (Lab ID: 3029811)
  - 2,2'-Oxybis(1-chloropropane)
- LCS (Lab ID: 3029812)
  - 2,2'-Oxybis(1-chloropropane)
- MS (Lab ID: 3029815)
  - 2,2'-Oxybis(1-chloropropane)
- MSD (Lab ID: 3029816)
  - 2,2'-Oxybis(1-chloropropane)
- SW-10_WS_20201005 (Lab ID: 92498978010)
  - 4-Nitrophenol
- SW-11_WS_20201005 (Lab ID: 92498978011)
  - 4-Nitrophenol
- SW-12_WS_20201005 (Lab ID: 92498978012)
  - 4-Nitrophenol
- SW-1_WS_20201005 (Lab ID: 92498978001)
  - 4-Nitrophenol
- SW-2_WS_20201005 (Lab ID: 92498978002)
  - 4-Nitrophenol
- SW-3_WS_20201005 (Lab ID: 92498978003)
  - 4-Nitrophenol
- SW-4_WS_20201005 (Lab ID: 92498978004)
  - 4-Nitrophenol
- SW-5_WS_20201005 (Lab ID: 92498978005)
  - 4-Nitrophenol
- SW-6_WS_20201005 (Lab ID: 92498978006)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 22, 2020

QC Batch: 571981

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

- 4-Nitrophenol
- SW-7_WS_20201005 (Lab ID: 92498978007)
  - 4-Nitrophenol
- SW-8_WS_20201005 (Lab ID: 92498978008)
  - 4-Nitrophenol

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 572451

L2: Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

- LCS (Lab ID: 3031721)
  - Benzoic Acid

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 571981

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92494245008

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 3029816)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - 4-Nitrophenol
  - Benzoic Acid
  - Pentachlorophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3029816)
  - 2,4,5-Trichlorophenol
  - 2,4-Dichlorophenol
  - 2-Chlorophenol
  - 2-Nitrophenol

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8270E**
Description: 8270E RVE
Client: Duke Energy
Date: October 22, 2020

QC Batch: 572451

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92494245010

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

- MS (Lab ID: 3031722)
  - Benzoic Acid

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3031722)
  - 2,4-Dinitrophenol

R1: RPD value was outside control limits.

- MSD (Lab ID: 3031723)
  - 3,3'-Dichlorobenzidine
  - 4,6-Dinitro-2-methylphenol
  - Pentachlorophenol
  - Phenol

Additional Comments:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8270E by SIM**
Description: 8270E Low Volume PAH SIM
Client: Duke Energy
Date: October 22, 2020

General Information:
12 samples were analyzed for EPA 8270E by SIM by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3511 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 22, 2020

General Information:
13 samples were analyzed for EPA 8260D by Pace Analytical Services Charlotte. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: 571603

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

- BLANK (Lab ID: 3027522)
  - Chloroethane
- LCS (Lab ID: 3027523)
  - Chloroethane
- MS (Lab ID: 3027524)
  - Bromomethane
- MSD (Lab ID: 3027525)
  - Bromomethane
- SW-1_WS_20201005 (Lab ID: 92498978001)
  - Chloroethane
- SW-2_WS_20201005 (Lab ID: 92498978002)
  - Chloroethane
- SW-3_WS_20201005 (Lab ID: 92498978003)
  - Chloroethane
- SW-4_WS_20201005 (Lab ID: 92498978004)
  - Chloroethane
- SW-5_WS_20201005 (Lab ID: 92498978005)
  - Chloroethane

QC Batch: 571626

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

- BLANK (Lab ID: 3027643)
  - Chloroethane
- LCS (Lab ID: 3027644)
  - Chloroethane
- MS (Lab ID: 3027645)
  - Chloroethane
- MSD (Lab ID: 3027646)
  - Chloroethane
- SW-10_WS_20201005 (Lab ID: 92498978010)
  - Chloroethane
- SW-11_WS_20201005 (Lab ID: 92498978011)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 22, 2020

QC Batch: 571626

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

- Chloroethane
- SW-12_WS_20201005 (Lab ID: 92498978012)
  - Chloroethane
- SW-6_WS_20201005 (Lab ID: 92498978006)
  - Chloroethane
- SW-7_WS_20201005 (Lab ID: 92498978007)
  - Chloroethane
- SW-8_WS_20201005 (Lab ID: 92498978008)
  - Chloroethane
- SW-9_WS_20201005 (Lab ID: 92498978009)
  - Chloroethane
- TB-01_WQ_20201005 (Lab ID: 92498978013)
  - Chloroethane

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 571603

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

- BLANK (Lab ID: 3027522)
  - Acetone
  - Bromomethane
- LCS (Lab ID: 3027523)
  - Acetone
  - Bromomethane
- SW-1_WS_20201005 (Lab ID: 92498978001)
  - Acetone
  - Bromomethane
- SW-2_WS_20201005 (Lab ID: 92498978002)
  - Acetone
  - Bromomethane
- SW-3_WS_20201005 (Lab ID: 92498978003)
  - Acetone
  - Bromomethane
- SW-4_WS_20201005 (Lab ID: 92498978004)
  - Acetone
  - Bromomethane
- SW-5_WS_20201005 (Lab ID: 92498978005)
  - Acetone
  - Bromomethane

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 22, 2020

QC Batch: 571626

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

- BLANK (Lab ID: 3027643)
  - Bromomethane
- SW-10_WS_20201005 (Lab ID: 92498978010)
  - Bromomethane
- SW-11_WS_20201005 (Lab ID: 92498978011)
  - Bromomethane
- SW-12_WS_20201005 (Lab ID: 92498978012)
  - Bromomethane
- SW-6_WS_20201005 (Lab ID: 92498978006)
  - Bromomethane
- SW-7_WS_20201005 (Lab ID: 92498978007)
  - Bromomethane
- SW-8_WS_20201005 (Lab ID: 92498978008)
  - Bromomethane
- SW-9_WS_20201005 (Lab ID: 92498978009)
  - Bromomethane
- TB-01_WQ_20201005 (Lab ID: 92498978013)
  - Bromomethane

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

- LCS (Lab ID: 3027644)
  - Bromomethane
- MS (Lab ID: 3027645)
  - Bromomethane
- MSD (Lab ID: 3027646)
  - Bromomethane

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Method: **EPA 8260D**
Description: 8260 MSV Low Level SC
Client: Duke Energy
Date: October 22, 2020

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-1_WS_20201005 **Lab ID: 92498978001** Collected: 10/05/20 14:00 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 13:50	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 13:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 13:50	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 13:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 13:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 13:50	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 13:50	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 13:50	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 13:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 13:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 13:50	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 13:50	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 13:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 13:50	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 13:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 13:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 13:50	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 13:50	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 13:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 13:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 13:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 13:50	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 13:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 13:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 13:50	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 13:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 13:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 13:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 13:50	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 13:50	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 13:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 13:50	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 13:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 13:50	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 13:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 13:50	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-1_WS_20201005 **Lab ID: 92498978001** Collected: 10/05/20 14:00 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 13:50	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 13:50	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 13:50	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 13:50	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 13:50	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 13:50	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 13:50	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 13:50	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 13:50	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 13:50	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 13:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 13:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 13:50	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 13:50	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 13:50	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 13:50	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 13:50	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 13:50	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 13:50	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 13:50	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 13:50	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	82	%	10-144		1	10/08/20 22:07	10/09/20 13:50	4165-60-0	
2-Fluorobiphenyl (S)	74	%	10-130		1	10/08/20 22:07	10/09/20 13:50	321-60-8	
Terphenyl-d14 (S)	131	%	34-163		1	10/08/20 22:07	10/09/20 13:50	1718-51-0	
Phenol-d6 (S)	47	%	10-130		1	10/08/20 22:07	10/09/20 13:50	13127-88-3	
2-Fluorophenol (S)	59	%	10-130		1	10/08/20 22:07	10/09/20 13:50	367-12-4	
2,4,6-Tribromophenol (S)	89	%	10-144		1	10/08/20 22:07	10/09/20 13:50	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 18:37	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	127	%	67-170		1	10/08/20 17:42	10/12/20 18:37	4165-60-0	
2-Fluorobiphenyl (S)	122	%	61-163		1	10/08/20 17:42	10/12/20 18:37	321-60-8	
Terphenyl-d14 (S)	137	%	62-169		1	10/08/20 17:42	10/12/20 18:37	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:28	67-64-1	v1
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:28	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-1_WS_20201005 **Lab ID: 92498978001** Collected: 10/05/20 14:00 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:28	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:28	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:28	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:28	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:28	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:28	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:28	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-1_WS_20201005 **Lab ID: 92498978001** Collected: 10/05/20 14:00 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:28	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/08/20 05:28	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		10/08/20 05:28	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/08/20 05:28	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-2_WS_20201005 **Lab ID: 92498978002** Collected: 10/05/20 12:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:19	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 14:19	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 14:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 14:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 14:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 14:19	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 14:19	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 14:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 14:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 14:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 14:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:19	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 14:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 14:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:19	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 14:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:19	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 14:19	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 14:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 14:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 14:19	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:19	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:19	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 14:19	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-2_WS_20201005 **Lab ID: 92498978002** Collected: 10/05/20 12:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:19	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:19	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 14:19	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 14:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 14:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 14:19	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 14:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 14:19	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:19	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 14:19	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:19	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:19	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:19	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:19	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	89	%	10-144		1	10/08/20 22:07	10/09/20 14:19	4165-60-0	
2-Fluorobiphenyl (S)	79	%	10-130		1	10/08/20 22:07	10/09/20 14:19	321-60-8	
Terphenyl-d14 (S)	137	%	34-163		1	10/08/20 22:07	10/09/20 14:19	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	10/08/20 22:07	10/09/20 14:19	13127-88-3	
2-Fluorophenol (S)	65	%	10-130		1	10/08/20 22:07	10/09/20 14:19	367-12-4	
2,4,6-Tribromophenol (S)	102	%	10-144		1	10/08/20 22:07	10/09/20 14:19	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**0.017J**	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 18:58	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	127	%	67-170		1	10/08/20 17:42	10/12/20 18:58	4165-60-0	
2-Fluorobiphenyl (S)	123	%	61-163		1	10/08/20 17:42	10/12/20 18:58	321-60-8	
Terphenyl-d14 (S)	121	%	62-169		1	10/08/20 17:42	10/12/20 18:58	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:46	67-64-1	v1
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:46	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-2_WS_20201005 **Lab ID: 92498978002** Collected: 10/05/20 12:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:46	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:46	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:46	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:46	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:46	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:46	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-2_WS_20201005 **Lab ID: 92498978002** Collected: 10/05/20 12:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/08/20 05:46	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/08/20 05:46	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/08/20 05:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-3_WS_20201005 **Lab ID: 92498978003** Collected: 10/05/20 13:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:48	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 14:48	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 14:48	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 14:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 14:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 14:48	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 14:48	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 14:48	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:48	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 14:48	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 14:48	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 14:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:48	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 14:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 14:48	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:48	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 14:48	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:48	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:48	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 14:48	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 14:48	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 14:48	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 14:48	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:48	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:48	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 14:48	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:48	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 14:48	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-3_WS_20201005 **Lab ID: 92498978003** Collected: 10/05/20 13:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:48	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 14:48	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 14:48	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 14:48	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 14:48	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:48	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:48	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 14:48	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 14:48	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 14:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 14:48	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 14:48	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 14:48	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 14:48	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:48	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 14:48	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 14:48	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 14:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 14:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	98	%	10-144		1	10/08/20 22:07	10/09/20 14:48	4165-60-0	
2-Fluorobiphenyl (S)	89	%	10-130		1	10/08/20 22:07	10/09/20 14:48	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	10/08/20 22:07	10/09/20 14:48	1718-51-0	
Phenol-d6 (S)	58	%	10-130		1	10/08/20 22:07	10/09/20 14:48	13127-88-3	
2-Fluorophenol (S)	66	%	10-130		1	10/08/20 22:07	10/09/20 14:48	367-12-4	
2,4,6-Tribromophenol (S)	107	%	10-144		1	10/08/20 22:07	10/09/20 14:48	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**0.14**	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 19:20	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	129	%	67-170		1	10/08/20 17:42	10/12/20 19:20	4165-60-0	
2-Fluorobiphenyl (S)	122	%	61-163		1	10/08/20 17:42	10/12/20 19:20	321-60-8	
Terphenyl-d14 (S)	129	%	62-169		1	10/08/20 17:42	10/12/20 19:20	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 06:04	67-64-1	v1
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 06:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 06:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 06:04	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-3_WS_20201005 **Lab ID: 92498978003** Collected: 10/05/20 13:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 06:04	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 06:04	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 06:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 06:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 06:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 06:04	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 06:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 06:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 06:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 06:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 06:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 06:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 06:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 06:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 06:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 06:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 06:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 06:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 06:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 06:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 06:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 06:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 06:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 06:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 06:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 06:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 06:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 06:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 06:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 06:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 06:04	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 06:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 06:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 06:04	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 06:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 06:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 06:04	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-3_WS_20201005 **Lab ID: 92498978003** Collected: 10/05/20 13:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 06:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 06:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 06:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 06:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 06:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 06:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 06:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 06:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 06:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/08/20 06:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		10/08/20 06:04	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/08/20 06:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-4_WS_20201005 **Lab ID: 92498978004** Collected: 10/05/20 13:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:17	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 15:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 15:17	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 15:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 15:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 15:17	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 15:17	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 15:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:17	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 15:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 15:17	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 15:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:17	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 15:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 15:17	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 15:17	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:17	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:17	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 15:17	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 15:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 15:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 15:17	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:17	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:17	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:17	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 15:17	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-4_WS_20201005 **Lab ID: 92498978004** Collected: 10/05/20 13:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	**2.4J**	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:17	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:17	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 15:17	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 15:17	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 15:17	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:17	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:17	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 15:17	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 15:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 15:17	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:17	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 15:17	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:17	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:17	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:17	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:17	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	84	%	10-144		1	10/08/20 22:07	10/09/20 15:17	4165-60-0	
2-Fluorobiphenyl (S)	75	%	10-130		1	10/08/20 22:07	10/09/20 15:17	321-60-8	
Terphenyl-d14 (S)	116	%	34-163		1	10/08/20 22:07	10/09/20 15:17	1718-51-0	
Phenol-d6 (S)	46	%	10-130		1	10/08/20 22:07	10/09/20 15:17	13127-88-3	
2-Fluorophenol (S)	47	%	10-130		1	10/08/20 22:07	10/09/20 15:17	367-12-4	
2,4,6-Tribromophenol (S)	70	%	10-144		1	10/08/20 22:07	10/09/20 15:17	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**0.068J**	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 19:42	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	131	%	67-170		1	10/08/20 17:42	10/12/20 19:42	4165-60-0	
2-Fluorobiphenyl (S)	121	%	61-163		1	10/08/20 17:42	10/12/20 19:42	321-60-8	
Terphenyl-d14 (S)	132	%	62-169		1	10/08/20 17:42	10/12/20 19:42	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 06:22	67-64-1	v1
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 06:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 06:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 06:22	75-27-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-4_WS_20201005 **Lab ID: 92498978004** Collected: 10/05/20 13:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 06:22	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 06:22	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 06:22	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 06:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 06:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 06:22	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 06:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 06:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 06:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 06:22	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 06:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 06:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 06:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 06:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 06:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 06:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 06:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 06:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 06:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 06:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 06:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 06:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 06:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 06:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 06:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 06:22	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 06:22	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 06:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 06:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 06:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 06:22	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 06:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 06:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 06:22	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 06:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 06:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 06:22	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-4_WS_20201005 **Lab ID: 92498978004** Collected: 10/05/20 13:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 06:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 06:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 06:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 06:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 06:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 06:22	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 06:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 06:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 06:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/08/20 06:22	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		10/08/20 06:22	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/08/20 06:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-5_WS_20201005 **Lab ID: 92498978005** Collected: 10/05/20 12:30 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:46	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 15:46	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 15:46	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 15:46	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 15:46	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 15:46	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 15:46	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 15:46	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:46	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 15:46	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 15:46	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 15:46	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:46	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:46	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:46	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 15:46	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 15:46	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:46	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 15:46	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:46	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:46	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 15:46	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 15:46	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:46	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 15:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 15:46	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:46	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:46	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 15:46	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:46	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:46	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 15:46	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-5_WS_20201005 **Lab ID: 92498978005** Collected: 10/05/20 12:30 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:46	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:46	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 15:46	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 15:46	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 15:46	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 15:46	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:46	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:46	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 15:46	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 15:46	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 15:46	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 15:46	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 15:46	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 15:46	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 15:46	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:46	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 15:46	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 15:46	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 15:46	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 15:46	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	96	%	10-144		1	10/08/20 22:07	10/09/20 15:46	4165-60-0	
2-Fluorobiphenyl (S)	90	%	10-130		1	10/08/20 22:07	10/09/20 15:46	321-60-8	
Terphenyl-d14 (S)	138	%	34-163		1	10/08/20 22:07	10/09/20 15:46	1718-51-0	
Phenol-d6 (S)	59	%	10-130		1	10/08/20 22:07	10/09/20 15:46	13127-88-3	
2-Fluorophenol (S)	63	%	10-130		1	10/08/20 22:07	10/09/20 15:46	367-12-4	
2,4,6-Tribromophenol (S)	105	%	10-144		1	10/08/20 22:07	10/09/20 15:46	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	**0.012J**	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 20:03	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	127	%	67-170		1	10/08/20 17:42	10/12/20 20:03	4165-60-0	
2-Fluorobiphenyl (S)	119	%	61-163		1	10/08/20 17:42	10/12/20 20:03	321-60-8	
Terphenyl-d14 (S)	131	%	62-169		1	10/08/20 17:42	10/12/20 20:03	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 06:40	67-64-1	v1
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 06:40	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:40	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 06:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 06:40	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-5_WS_20201005 **Lab ID: 92498978005** Collected: 10/05/20 12:30 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 06:40	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 06:40	74-83-9	v1
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 06:40	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 06:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 06:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 06:40	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 06:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 06:40	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:40	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 06:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 06:40	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 06:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 06:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 06:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 06:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 06:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 06:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 06:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 06:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 06:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 06:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 06:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 06:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 06:40	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 06:40	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 06:40	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 06:40	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 06:40	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 06:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 06:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 06:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 06:40	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 06:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 06:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 06:40	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 06:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 06:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 06:40	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-5_WS_20201005 **Lab ID: 92498978005** Collected: 10/05/20 12:30 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 06:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 06:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 06:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 06:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 06:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 06:40	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 06:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 06:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 06:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/08/20 06:40	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		10/08/20 06:40	17060-07-0	
Toluene-d8 (S)	82	%	70-130		1		10/08/20 06:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-6_WS_20201005 **Lab ID: 92498978006** Collected: 10/05/20 12:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:15	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 16:15	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 16:15	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 16:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 16:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 16:15	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 16:15	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 16:15	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:15	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 16:15	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 16:15	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 16:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:15	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 16:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 16:15	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:15	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 16:15	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:15	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:15	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 16:15	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 16:15	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 16:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 16:15	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:15	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:15	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:15	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 16:15	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-6_WS_20201005 **Lab ID: 92498978006** Collected: 10/05/20 12:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:15	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:15	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 16:15	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 16:15	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 16:15	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:15	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:15	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 16:15	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:15	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 16:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 16:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:15	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 16:15	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:15	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:15	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:15	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:15	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:15	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	91	%	10-144		1	10/08/20 22:07	10/09/20 16:15	4165-60-0	
2-Fluorobiphenyl (S)	83	%	10-130		1	10/08/20 22:07	10/09/20 16:15	321-60-8	
Terphenyl-d14 (S)	127	%	34-163		1	10/08/20 22:07	10/09/20 16:15	1718-51-0	
Phenol-d6 (S)	54	%	10-130		1	10/08/20 22:07	10/09/20 16:15	13127-88-3	
2-Fluorophenol (S)	62	%	10-130		1	10/08/20 22:07	10/09/20 16:15	367-12-4	
2,4,6-Tribromophenol (S)	93	%	10-144		1	10/08/20 22:07	10/09/20 16:15	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 20:25	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	128	%	67-170		1	10/08/20 17:42	10/12/20 20:25	4165-60-0	
2-Fluorobiphenyl (S)	120	%	61-163		1	10/08/20 17:42	10/12/20 20:25	321-60-8	
Terphenyl-d14 (S)	132	%	62-169		1	10/08/20 17:42	10/12/20 20:25	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 04:46	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 04:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 04:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 04:46	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-6_WS_20201005 **Lab ID: 92498978006** Collected: 10/05/20 12:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 04:46	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 04:46	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 04:46	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 04:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 04:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 04:46	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 04:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 04:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 04:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 04:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 04:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 04:46	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 04:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 04:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 04:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 04:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 04:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 04:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 04:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 04:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 04:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 04:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 04:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 04:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 04:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 04:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 04:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 04:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 04:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 04:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 04:46	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 04:46	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 04:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 04:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 04:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 04:46	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 04:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 04:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 04:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 04:46	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 04:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 04:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 04:46	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-6_WS_20201005 **Lab ID: 92498978006** Collected: 10/05/20 12:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 04:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 04:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 04:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 04:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 04:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 04:46	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 04:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 04:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 04:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/08/20 04:46	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		10/08/20 04:46	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 04:46	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-7_WS_20201005 **Lab ID: 92498978007** Collected: 10/05/20 11:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:44	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 16:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 16:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 16:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 16:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 16:44	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 16:44	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 16:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 16:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 16:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 16:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 16:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 16:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 16:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:44	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 16:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 16:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 16:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 16:44	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:44	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 16:44	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 16:44	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-7_WS_20201005 **Lab ID: 92498978007** Collected: 10/05/20 11:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:44	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 16:44	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 16:44	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 16:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 16:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 16:44	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 16:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 16:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 16:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 16:44	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 16:44	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 16:44	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:44	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 16:44	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 16:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 16:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 16:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	41	%	10-144		1	10/08/20 22:07	10/09/20 16:44	4165-60-0	
2-Fluorobiphenyl (S)	21	%	10-130		1	10/08/20 22:07	10/09/20 16:44	321-60-8	
Terphenyl-d14 (S)	82	%	34-163		1	10/08/20 22:07	10/09/20 16:44	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	10/08/20 22:07	10/09/20 16:44	13127-88-3	
2-Fluorophenol (S)	26	%	10-130		1	10/08/20 22:07	10/09/20 16:44	367-12-4	
2,4,6-Tribromophenol (S)	59	%	10-144		1	10/08/20 22:07	10/09/20 16:44	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 20:46	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	124	%	67-170		1	10/08/20 17:42	10/12/20 20:46	4165-60-0	
2-Fluorobiphenyl (S)	118	%	61-163		1	10/08/20 17:42	10/12/20 20:46	321-60-8	
Terphenyl-d14 (S)	130	%	62-169		1	10/08/20 17:42	10/12/20 20:46	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:04	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:04	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:04	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:04	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-7_WS_20201005 **Lab ID: 92498978007** Collected: 10/05/20 11:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:04	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:04	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:04	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:04	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:04	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:04	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:04	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:04	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:04	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:04	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:04	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:04	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:04	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:04	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:04	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:04	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:04	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:04	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-7_WS_20201005 **Lab ID: 92498978007** Collected: 10/05/20 11:45 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:04	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/08/20 05:04	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/08/20 05:04	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 05:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-8_WS_20201005 **Lab ID: 92498978008** Collected: 10/05/20 11:25 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 17:13	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 17:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 17:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 17:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 17:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 17:13	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 17:13	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 17:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 17:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 17:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 17:13	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 17:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 17:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 17:13	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 17:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 17:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 17:13	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 17:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 17:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 17:13	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 17:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 17:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 17:13	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 17:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 17:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 17:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 17:13	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 17:13	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 17:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 17:13	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 17:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 17:13	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 17:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 17:13	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-8_WS_20201005 **Lab ID: 92498978008** Collected: 10/05/20 11:25 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 17:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 17:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 17:13	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 17:13	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 17:13	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 17:13	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 17:13	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 17:13	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 17:13	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 17:13	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 17:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 17:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 17:13	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 17:13	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 17:13	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 17:13	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 17:13	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 17:13	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 17:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 17:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 17:13	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	40	%	10-144		1	10/08/20 22:07	10/09/20 17:13	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/08/20 22:07	10/09/20 17:13	321-60-8	
Terphenyl-d14 (S)	114	%	34-163		1	10/08/20 22:07	10/09/20 17:13	1718-51-0	
Phenol-d6 (S)	22	%	10-130		1	10/08/20 22:07	10/09/20 17:13	13127-88-3	
2-Fluorophenol (S)	28	%	10-130		1	10/08/20 22:07	10/09/20 17:13	367-12-4	
2,4,6-Tribromophenol (S)	79	%	10-144		1	10/08/20 22:07	10/09/20 17:13	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 21:08	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	140	%	67-170		1	10/08/20 17:42	10/12/20 21:08	4165-60-0	
2-Fluorobiphenyl (S)	124	%	61-163		1	10/08/20 17:42	10/12/20 21:08	321-60-8	
Terphenyl-d14 (S)	131	%	62-169		1	10/08/20 17:42	10/12/20 21:08	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:23	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:23	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-8_WS_20201005 **Lab ID: 92498978008** Collected: 10/05/20 11:25 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:23	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:23	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:23	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:23	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:23	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:23	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:23	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:23	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:23	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-8_WS_20201005 **Lab ID: 92498978008** Collected: 10/05/20 11:25 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:23	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/08/20 05:23	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		10/08/20 05:23	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 05:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-9_WS_20201005 **Lab ID: 92498978009** Collected: 10/05/20 11:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/12/20 08:40	10/12/20 16:44	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/12/20 08:40	10/12/20 16:44	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/12/20 08:40	10/12/20 16:44	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/12/20 08:40	10/12/20 16:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/12/20 08:40	10/12/20 16:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/12/20 08:40	10/12/20 16:44	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/12/20 08:40	10/12/20 16:44	65-85-0	L2
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/12/20 08:40	10/12/20 16:44	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/12/20 08:40	10/12/20 16:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/12/20 08:40	10/12/20 16:44	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/12/20 08:40	10/12/20 16:44	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/12/20 08:40	10/12/20 16:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/12/20 08:40	10/12/20 16:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/12/20 08:40	10/12/20 16:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/12/20 08:40	10/12/20 16:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/12/20 08:40	10/12/20 16:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/12/20 08:40	10/12/20 16:44	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/12/20 08:40	10/12/20 16:44	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/12/20 08:40	10/12/20 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/12/20 08:40	10/12/20 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/12/20 08:40	10/12/20 16:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/12/20 08:40	10/12/20 16:44	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/12/20 08:40	10/12/20 16:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/12/20 08:40	10/12/20 16:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/12/20 08:40	10/12/20 16:44	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/12/20 08:40	10/12/20 16:44	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/12/20 08:40	10/12/20 16:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/12/20 08:40	10/12/20 16:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/12/20 08:40	10/12/20 16:44	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/12/20 08:40	10/12/20 16:44	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/12/20 08:40	10/12/20 16:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/12/20 08:40	10/12/20 16:44	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/12/20 08:40	10/12/20 16:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/12/20 08:40	10/12/20 16:44	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/12/20 08:40	10/12/20 16:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/12/20 08:40	10/12/20 16:44	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-9_WS_20201005 **Lab ID: 92498978009** Collected: 10/05/20 11:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/12/20 08:40	10/12/20 16:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/12/20 08:40	10/12/20 16:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/12/20 08:40	10/12/20 16:44	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/12/20 08:40	10/12/20 16:44	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/12/20 08:40	10/12/20 16:44	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/12/20 08:40	10/12/20 16:44	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/12/20 08:40	10/12/20 16:44	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/12/20 08:40	10/12/20 16:44	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/12/20 08:40	10/12/20 16:44	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/12/20 08:40	10/12/20 16:44	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/12/20 08:40	10/12/20 16:44	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/12/20 08:40	10/12/20 16:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/12/20 08:40	10/12/20 16:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/12/20 08:40	10/12/20 16:44	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/12/20 08:40	10/12/20 16:44	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/12/20 08:40	10/12/20 16:44	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/12/20 08:40	10/12/20 16:44	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/12/20 08:40	10/12/20 16:44	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/12/20 08:40	10/12/20 16:44	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/12/20 08:40	10/12/20 16:44	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/12/20 08:40	10/12/20 16:44	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	81	%	10-144		1	10/12/20 08:40	10/12/20 16:44	4165-60-0	
2-Fluorobiphenyl (S)	85	%	10-130		1	10/12/20 08:40	10/12/20 16:44	321-60-8	
Terphenyl-d14 (S)	118	%	34-163		1	10/12/20 08:40	10/12/20 16:44	1718-51-0	
Phenol-d6 (S)	33	%	10-130		1	10/12/20 08:40	10/12/20 16:44	13127-88-3	
2-Fluorophenol (S)	46	%	10-130		1	10/12/20 08:40	10/12/20 16:44	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-144		1	10/12/20 08:40	10/12/20 16:44	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 21:30	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	139	%	67-170		1	10/08/20 17:42	10/12/20 21:30	4165-60-0	
2-Fluorobiphenyl (S)	123	%	61-163		1	10/08/20 17:42	10/12/20 21:30	321-60-8	
Terphenyl-d14 (S)	134	%	62-169		1	10/08/20 17:42	10/12/20 21:30	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:41	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:41	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-9_WS_20201005 **Lab ID: 92498978009** Collected: 10/05/20 11:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:41	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:41	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:41	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:41	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:41	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:41	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:41	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:41	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:41	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:41	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:41	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-9_WS_20201005 **Lab ID: 92498978009** Collected: 10/05/20 11:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:41	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/08/20 05:41	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		10/08/20 05:41	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 05:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-10_WS_20201005 **Lab ID: 92498978010** Collected: 10/05/20 10:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:10	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 18:10	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 18:10	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 18:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 18:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 18:10	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 18:10	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 18:10	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:10	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 18:10	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 18:10	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 18:10	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:10	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:10	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:10	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 18:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 18:10	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:10	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 18:10	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:10	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:10	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:10	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 18:10	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 18:10	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:10	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 18:10	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 18:10	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:10	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:10	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:10	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:10	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:10	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:10	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 18:10	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	78-59-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-10_WS_20201005 **Lab ID: 92498978010** Collected: 10/05/20 10:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:10	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:10	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:10	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:10	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 18:10	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 18:10	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 18:10	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:10	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:10	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 18:10	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:10	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 18:10	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 18:10	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:10	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 18:10	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:10	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:10	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:10	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:10	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:10	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:10	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	32	%	10-144		1	10/08/20 22:07	10/09/20 18:10	4165-60-0	
2-Fluorobiphenyl (S)	16	%	10-130		1	10/08/20 22:07	10/09/20 18:10	321-60-8	
Terphenyl-d14 (S)	67	%	34-163		1	10/08/20 22:07	10/09/20 18:10	1718-51-0	
Phenol-d6 (S)	18	%	10-130		1	10/08/20 22:07	10/09/20 18:10	13127-88-3	
2-Fluorophenol (S)	23	%	10-130		1	10/08/20 22:07	10/09/20 18:10	367-12-4	
2,4,6-Tribromophenol (S)	47	%	10-144		1	10/08/20 22:07	10/09/20 18:10	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 21:51	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	114	%	67-170		1	10/08/20 17:42	10/12/20 21:51	4165-60-0	
2-Fluorobiphenyl (S)	111	%	61-163		1	10/08/20 17:42	10/12/20 21:51	321-60-8	
Terphenyl-d14 (S)	122	%	62-169		1	10/08/20 17:42	10/12/20 21:51	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 05:59	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 05:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 05:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 05:59	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-10_WS_20201005 **Lab ID: 92498978010** Collected: 10/05/20 10:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 05:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 05:59	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 05:59	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 05:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 05:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 05:59	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 05:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 05:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 05:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 05:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 05:59	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 05:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 05:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 05:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 05:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 05:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 05:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 05:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 05:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 05:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 05:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 05:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 05:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 05:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 05:59	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 05:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 05:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 05:59	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 05:59	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 05:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 05:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 05:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 05:59	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 05:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 05:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 05:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 05:59	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 05:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 05:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 05:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 05:59	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-10_WS_20201005 **Lab ID: 92498978010** Collected: 10/05/20 10:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 05:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 05:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 05:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 05:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 05:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 05:59	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 05:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 05:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 05:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/08/20 05:59	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		10/08/20 05:59	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 05:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-11_WS_20201005 **Lab ID: 92498978011** Collected: 10/05/20 10:50 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:40	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 18:40	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 18:40	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 18:40	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 18:40	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 18:40	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 18:40	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 18:40	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:40	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 18:40	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 18:40	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 18:40	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:40	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:40	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:40	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 18:40	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 18:40	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:40	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 18:40	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:40	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:40	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:40	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 18:40	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 18:40	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:40	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 18:40	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 18:40	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:40	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:40	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 18:40	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:40	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:40	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:40	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 18:40	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-11_WS_20201005 **Lab ID: 92498978011** Collected: 10/05/20 10:50 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:40	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:40	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:40	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 18:40	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 18:40	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 18:40	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 18:40	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:40	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:40	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 18:40	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 18:40	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 18:40	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 18:40	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 18:40	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 18:40	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 18:40	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:40	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 18:40	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 18:40	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 18:40	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 18:40	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	34	%	10-144		1	10/08/20 22:07	10/09/20 18:40	4165-60-0	
2-Fluorobiphenyl (S)	15	%	10-130		1	10/08/20 22:07	10/09/20 18:40	321-60-8	
Terphenyl-d14 (S)	106	%	34-163		1	10/08/20 22:07	10/09/20 18:40	1718-51-0	
Phenol-d6 (S)	20	%	10-130		1	10/08/20 22:07	10/09/20 18:40	13127-88-3	
2-Fluorophenol (S)	25	%	10-130		1	10/08/20 22:07	10/09/20 18:40	367-12-4	
2,4,6-Tribromophenol (S)	80	%	10-144		1	10/08/20 22:07	10/09/20 18:40	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/12/20 22:13	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	134	%	67-170		1	10/08/20 17:42	10/12/20 22:13	4165-60-0	
2-Fluorobiphenyl (S)	122	%	61-163		1	10/08/20 17:42	10/12/20 22:13	321-60-8	
Terphenyl-d14 (S)	128	%	62-169		1	10/08/20 17:42	10/12/20 22:13	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 06:18	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 06:18	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:18	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 06:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 06:18	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-11_WS_20201005 **Lab ID: 92498978011** Collected: 10/05/20 10:50 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 06:18	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 06:18	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 06:18	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 06:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 06:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 06:18	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 06:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 06:18	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:18	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 06:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 06:18	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 06:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 06:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 06:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 06:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 06:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 06:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 06:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 06:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 06:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 06:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 06:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 06:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 06:18	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 06:18	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 06:18	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 06:18	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 06:18	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 06:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 06:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 06:18	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 06:18	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 06:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 06:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 06:18	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 06:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 06:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 06:18	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-11_WS_20201005 **Lab ID: 92498978011** Collected: 10/05/20 10:50 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 06:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 06:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 06:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 06:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 06:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 06:18	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 06:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 06:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 06:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/08/20 06:18	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/08/20 06:18	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 06:18	2037-26-5	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-12_WS_20201005 **Lab ID: 92498978012** Collected: 10/05/20 10:40 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	208-96-8	
Aniline	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 19:08	62-53-3	
Anthracene	ND	ug/L	10.0	2.3	1	10/08/20 22:07	10/09/20 19:08	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 19:08	56-55-3	
Benzo(b)fluoranthene	ND	ug/L	10.0	2.6	1	10/08/20 22:07	10/09/20 19:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 19:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	2.7	1	10/08/20 22:07	10/09/20 19:08	207-08-9	
Benzoic Acid	ND	ug/L	50.0	3.4	1	10/08/20 22:07	10/09/20 19:08	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	2.9	1	10/08/20 22:07	10/09/20 19:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 19:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	3.1	1	10/08/20 22:07	10/09/20 19:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	3.3	1	10/08/20 22:07	10/09/20 19:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	3.6	1	10/08/20 22:07	10/09/20 19:08	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 19:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 19:08	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 19:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	7005-72-3	
Chrysene	ND	ug/L	10.0	2.8	1	10/08/20 22:07	10/09/20 19:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 19:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 19:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 19:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 19:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	8.1	1	10/08/20 22:07	10/09/20 19:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 19:08	120-83-2	
Diethylphthalate	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 19:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 19:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	3.4	1	10/08/20 22:07	10/09/20 19:08	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	26.0	1	10/08/20 22:07	10/09/20 19:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 19:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	3.9	1	10/08/20 22:07	10/09/20 19:08	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	3.7	1	10/08/20 22:07	10/09/20 19:08	117-81-7	
Fluoranthene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 19:08	206-44-0	
Fluorene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 19:08	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1.8	1	10/08/20 22:07	10/09/20 19:08	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 19:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 19:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 19:08	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	2.9	1	10/08/20 22:07	10/09/20 19:08	193-39-5	
Isophorone	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	78-59-1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-12_WS_20201005 **Lab ID: 92498978012** Collected: 10/05/20 10:40 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte								
1-Methylnaphthalene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 19:08	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 19:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 19:08	15831-10-4	
Naphthalene	ND	ug/L	10.0	2.1	1	10/08/20 22:07	10/09/20 19:08	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	3.0	1	10/08/20 22:07	10/09/20 19:08	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 19:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	5.1	1	10/08/20 22:07	10/09/20 19:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 19:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 19:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	6.6	1	10/08/20 22:07	10/09/20 19:08	100-02-7	v1
N-Nitrosodimethylamine	ND	ug/L	10.0	1.9	1	10/08/20 22:07	10/09/20 19:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1.3	1	10/08/20 22:07	10/09/20 19:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	3.0	1	10/08/20 22:07	10/09/20 19:08	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1.2	1	10/08/20 22:07	10/09/20 19:08	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	3.8	1	10/08/20 22:07	10/09/20 19:08	87-86-5	
Phenanthrene	ND	ug/L	10.0	2.0	1	10/08/20 22:07	10/09/20 19:08	85-01-8	
Phenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 19:08	108-95-2	
Pyrene	ND	ug/L	10.0	2.2	1	10/08/20 22:07	10/09/20 19:08	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1.7	1	10/08/20 22:07	10/09/20 19:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1.4	1	10/08/20 22:07	10/09/20 19:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.6	1	10/08/20 22:07	10/09/20 19:08	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	35	%	10-144		1	10/08/20 22:07	10/09/20 19:08	4165-60-0	
2-Fluorobiphenyl (S)	15	%	10-130		1	10/08/20 22:07	10/09/20 19:08	321-60-8	
Terphenyl-d14 (S)	101	%	34-163		1	10/08/20 22:07	10/09/20 19:08	1718-51-0	
Phenol-d6 (S)	16	%	10-130		1	10/08/20 22:07	10/09/20 19:08	13127-88-3	
2-Fluorophenol (S)	10	%	10-130		1	10/08/20 22:07	10/09/20 19:08	367-12-4	
2,4,6-Tribromophenol (S)	14	%	10-144		1	10/08/20 22:07	10/09/20 19:08	118-79-6	
8270E Low Volume PAH SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Benzo(a)pyrene	ND	ug/L	0.10	0.0090	1	10/08/20 17:42	10/11/20 12:49	50-32-8	
Surrogates									
Nitrobenzene-d5 (S)	127	%	67-170		1	10/08/20 17:42	10/11/20 12:49	4165-60-0	
2-Fluorobiphenyl (S)	128	%	61-163		1	10/08/20 17:42	10/11/20 12:49	321-60-8	
Terphenyl-d14 (S)	130	%	62-169		1	10/08/20 17:42	10/11/20 12:49	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 06:36	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 06:36	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:36	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 06:36	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 06:36	75-27-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-12_WS_20201005 **Lab ID: 92498978012** Collected: 10/05/20 10:40 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 06:36	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 06:36	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 06:36	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 06:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 06:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 06:36	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 06:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 06:36	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:36	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 06:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 06:36	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 06:36	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 06:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 06:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:36	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 06:36	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 06:36	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:36	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 06:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 06:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 06:36	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 06:36	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 06:36	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 06:36	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 06:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 06:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 06:36	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 06:36	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 06:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 06:36	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 06:36	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 06:36	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 06:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 06:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 06:36	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 06:36	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 06:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 06:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 06:36	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 06:36	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 06:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 06:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 06:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 06:36	71-55-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: SW-12_WS_20201005 **Lab ID: 92498978012** Collected: 10/05/20 10:40 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 06:36	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 06:36	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 06:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 06:36	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 06:36	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 06:36	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 06:36	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 06:36	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 06:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/08/20 06:36	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		10/08/20 06:36	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 06:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: TB-01_WQ_20201005 **Lab ID: 92498978013** Collected: 10/05/20 14:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Acetone	ND	ug/L	25.0	6.2	1		10/08/20 04:27	67-64-1	
Benzene	ND	ug/L	1.0	0.15	1		10/08/20 04:27	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:27	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.34	1		10/08/20 04:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.26	1		10/08/20 04:27	75-27-4	
Bromoform	ND	ug/L	1.0	0.62	1		10/08/20 04:27	75-25-2	
Bromomethane	ND	ug/L	2.0	0.62	1		10/08/20 04:27	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	3.3	1		10/08/20 04:27	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	0.22	1		10/08/20 04:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		10/08/20 04:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.49	1		10/08/20 04:27	75-00-3	IK
Chloroform	ND	ug/L	5.0	2.3	1		10/08/20 04:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.39	1		10/08/20 04:27	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 04:27	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.20	1		10/08/20 04:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.26	1		10/08/20 04:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.41	1		10/08/20 04:27	124-48-1	
Dibromomethane	ND	ug/L	1.0	0.46	1		10/08/20 04:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.29	1		10/08/20 04:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.26	1		10/08/20 04:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.23	1		10/08/20 04:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.27	1		10/08/20 04:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/08/20 04:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.24	1		10/08/20 04:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.29	1		10/08/20 04:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.25	1		10/08/20 04:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.19	1		10/08/20 04:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.16	1		10/08/20 04:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.27	1		10/08/20 04:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.21	1		10/08/20 04:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.30	1		10/08/20 04:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.31	1		10/08/20 04:27	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/08/20 04:27	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/08/20 04:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.44	1		10/08/20 04:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.57	1		10/08/20 04:27	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	0.21	1		10/08/20 04:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	3.7	1		10/08/20 04:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	4.5	1		10/08/20 04:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/08/20 04:27	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/08/20 04:27	91-20-3	
Styrene	ND	ug/L	1.0	0.27	1		10/08/20 04:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.34	1		10/08/20 04:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.22	1		10/08/20 04:27	79-34-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Sample: TB-01_WQ_20201005 **Lab ID: 92498978013** Collected: 10/05/20 14:15 Received: 10/06/20 12:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Tetrachloroethene	ND	ug/L	1.0	0.16	1		10/08/20 04:27	127-18-4	
Toluene	ND	ug/L	1.0	0.24	1		10/08/20 04:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.34	1		10/08/20 04:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.22	1		10/08/20 04:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.18	1		10/08/20 04:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.24	1		10/08/20 04:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.22	1		10/08/20 04:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.31	1		10/08/20 04:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.35	1		10/08/20 04:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1.4	1		10/08/20 04:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.24	1		10/08/20 04:27	75-01-4	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/08/20 04:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/08/20 04:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/08/20 04:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/08/20 04:27	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		10/08/20 04:27	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 04:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

QC Batch: 571603 | Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D | Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005

METHOD BLANK: 3027522 Matrix: Water

Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.34	10/07/20 22:36	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.18	10/07/20 22:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/07/20 22:36	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.24	10/07/20 22:36	
1,1-Dichloroethane	ug/L	ND	1.0	0.27	10/07/20 22:36	
1,1-Dichloroethene	ug/L	ND	1.0	0.24	10/07/20 22:36	
1,1-Dichloropropene	ug/L	ND	1.0	0.21	10/07/20 22:36	
1,2,3-Trichlorobenzene	ug/L	0.37J	1.0	0.34	10/07/20 22:36	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.35	10/07/20 22:36	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.22	10/07/20 22:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.26	10/07/20 22:36	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.29	10/07/20 22:36	
1,2-Dichloroethane	ug/L	ND	1.0	0.34	10/07/20 22:36	
1,2-Dichloropropane	ug/L	ND	1.0	0.19	10/07/20 22:36	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.22	10/07/20 22:36	
1,3-Dichloropropane	ug/L	ND	1.0	0.16	10/07/20 22:36	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.26	10/07/20 22:36	
2,2-Dichloropropane	ug/L	ND	1.0	0.27	10/07/20 22:36	
2-Butanone (MEK)	ug/L	ND	5.0	3.3	10/07/20 22:36	
2-Chlorotoluene	ug/L	ND	1.0	0.20	10/07/20 22:36	
2-Hexanone	ug/L	ND	5.0	0.57	10/07/20 22:36	
4-Chlorotoluene	ug/L	ND	1.0	0.20	10/07/20 22:36	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	4.5	10/07/20 22:36	
Acetone	ug/L	ND	25.0	6.2	10/07/20 22:36	v1
Benzene	ug/L	ND	1.0	0.15	10/07/20 22:36	
Bromobenzene	ug/L	ND	1.0	0.22	10/07/20 22:36	
Bromochloromethane	ug/L	ND	1.0	0.34	10/07/20 22:36	
Bromodichloromethane	ug/L	ND	1.0	0.26	10/07/20 22:36	
Bromoform	ug/L	ND	1.0	0.62	10/07/20 22:36	
Bromomethane	ug/L	ND	2.0	0.62	10/07/20 22:36	v1
Carbon tetrachloride	ug/L	ND	1.0	0.22	10/07/20 22:36	
Chlorobenzene	ug/L	ND	1.0	0.23	10/07/20 22:36	
Chloroethane	ug/L	ND	1.0	0.49	10/07/20 22:36	IK
Chloroform	ug/L	ND	5.0	2.3	10/07/20 22:36	
Chloromethane	ug/L	ND	1.0	0.39	10/07/20 22:36	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.29	10/07/20 22:36	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.30	10/07/20 22:36	
Dibromochloromethane	ug/L	ND	1.0	0.41	10/07/20 22:36	
Dibromomethane	ug/L	ND	1.0	0.46	10/07/20 22:36	
Dichlorodifluoromethane	ug/L	ND	1.0	0.23	10/07/20 22:36	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

METHOD BLANK: 3027522 Matrix: Water
Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	0.22	10/07/20 22:36	
Ethylbenzene	ug/L	ND	1.0	0.26	10/07/20 22:36	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.44	10/07/20 22:36	
m&p-Xylene	ug/L	ND	2.0	0.41	10/07/20 22:36	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.28	10/07/20 22:36	
Methylene Chloride	ug/L	ND	5.0	3.7	10/07/20 22:36	
Naphthalene	ug/L	ND	1.0	0.35	10/07/20 22:36	
o-Xylene	ug/L	ND	1.0	0.22	10/07/20 22:36	
p-Isopropyltoluene	ug/L	ND	1.0	0.21	10/07/20 22:36	
Styrene	ug/L	ND	1.0	0.27	10/07/20 22:36	
Tetrachloroethene	ug/L	ND	1.0	0.16	10/07/20 22:36	
Toluene	ug/L	ND	1.0	0.24	10/07/20 22:36	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.25	10/07/20 22:36	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.31	10/07/20 22:36	
Trichloroethene	ug/L	ND	1.0	0.22	10/07/20 22:36	
Trichlorofluoromethane	ug/L	ND	1.0	0.31	10/07/20 22:36	
Vinyl acetate	ug/L	ND	2.0	1.4	10/07/20 22:36	
Vinyl chloride	ug/L	ND	1.0	0.24	10/07/20 22:36	
Xylene (Total)	ug/L	ND	1.0	0.63	10/07/20 22:36	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/07/20 22:36	
4-Bromofluorobenzene (S)	%	100	70-130		10/07/20 22:36	
Toluene-d8 (S)	%	103	70-130		10/07/20 22:36	

LABORATORY CONTROL SAMPLE: 3027523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.9	96	70-130	
1,1,1-Trichloroethane	ug/L	50	55.1	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.4	93	70-130	
1,1,2-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethane	ug/L	50	53.2	106	70-130	
1,1-Dichloroethene	ug/L	50	56.8	114	70-130	
1,1-Dichloropropene	ug/L	50	54.6	109	70-130	
1,2,3-Trichlorobenzene	ug/L	50	45.5	91	70-130	
1,2,3-Trichloropropane	ug/L	50	45.4	91	70-130	
1,2,4-Trichlorobenzene	ug/L	50	48.0	96	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.4	93	70-130	
1,2-Dichlorobenzene	ug/L	50	45.9	92	70-130	
1,2-Dichloroethane	ug/L	50	51.2	102	70-130	
1,2-Dichloropropane	ug/L	50	53.8	108	70-130	
1,3-Dichlorobenzene	ug/L	50	45.7	91	70-130	
1,3-Dichloropropane	ug/L	50	48.0	96	70-130	
1,4-Dichlorobenzene	ug/L	50	45.9	92	70-130	
2,2-Dichloropropane	ug/L	50	55.3	111	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3027523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	93.8	94	70-130	
2-Chlorotoluene	ug/L	50	46.5	93	70-130	
2-Hexanone	ug/L	100	84.7	85	70-130	
4-Chlorotoluene	ug/L	50	45.1	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.2	93	70-130	
Acetone	ug/L	100	102	102	70-130	v1
Benzene	ug/L	50	52.9	106	70-130	
Bromobenzene	ug/L	50	45.0	90	70-130	
Bromochloromethane	ug/L	50	55.2	110	70-130	
Bromodichloromethane	ug/L	50	51.0	102	70-130	
Bromoform	ug/L	50	45.7	91	70-130	
Bromomethane	ug/L	50	57.9	116	70-130	v1
Carbon tetrachloride	ug/L	50	53.2	106	70-130	
Chlorobenzene	ug/L	50	48.3	97	70-130	
Chloroethane	ug/L	50	44.4	89	70-130	IK
Chloroform	ug/L	50	54.6	109	70-130	
Chloromethane	ug/L	50	45.9	92	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.8	104	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.9	108	70-130	
Dibromochloromethane	ug/L	50	49.2	98	70-130	
Dibromomethane	ug/L	50	54.5	109	70-130	
Dichlorodifluoromethane	ug/L	50	48.8	98	70-130	
Diisopropyl ether	ug/L	50	48.3	97	70-130	
Ethylbenzene	ug/L	50	47.4	95	70-130	
Hexachloro-1,3-butadiene	ug/L	50	49.2	98	70-130	
m&p-Xylene	ug/L	100	97.3	97	70-130	
Methyl-tert-butyl ether	ug/L	50	51.0	102	70-130	
Methylene Chloride	ug/L	50	48.9	98	70-130	
Naphthalene	ug/L	50	45.6	91	70-130	
o-Xylene	ug/L	50	47.3	95	70-130	
p-Isopropyltoluene	ug/L	50	46.4	93	70-130	
Styrene	ug/L	50	48.1	96	70-130	
Tetrachloroethene	ug/L	50	47.0	94	70-130	
Toluene	ug/L	50	53.4	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.5	109	70-130	
trans-1,3-Dichloropropene	ug/L	50	53.3	107	70-130	
Trichloroethene	ug/L	50	53.9	108	70-130	
Trichlorofluoromethane	ug/L	50	47.3	95	70-130	
Vinyl acetate	ug/L	100	108	108	70-130	
Vinyl chloride	ug/L	50	49.0	98	70-130	
Xylene (Total)	ug/L	150	145	96	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Toluene-d8 (S)	%			102	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3027524 3027525

Parameter	Units	92498978002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20.2	19.1	101	96	73-134	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	21.7	21.7	109	109	82-143	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.7	21.0	109	105	70-136	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.3	108	107	70-135	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.2	22.7	116	114	70-139	2	30	
1,1-Dichloroethene	ug/L	ND	20	20	23.8	23.6	119	118	70-154	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.7	124	124	70-149	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.7	20.2	109	101	70-135	7	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	21.7	21.2	108	106	71-137	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.1	20.5	106	102	73-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.2	19.6	101	98	65-134	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.2	20.2	106	101	70-133	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	19.9	19.6	99	98	70-137	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.7	22.8	118	114	70-140	4	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.0	20.5	105	103	70-135	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	23.3	22.1	116	111	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.0	107	100	70-133	7	30	
2,2-Dichloropropane	ug/L	ND	20	20	24.8	24.1	124	120	61-148	3	30	
2-Butanone (MEK)	ug/L	ND	40	40	42.3	41.6	106	104	60-139	2	30	
2-Chlorotoluene	ug/L	ND	20	20	22.0	21.4	110	107	70-144	3	30	
2-Hexanone	ug/L	ND	40	40	41.2	38.4	103	96	65-138	7	30	
4-Chlorotoluene	ug/L	ND	20	20	21.7	21.4	108	107	70-137	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	38.2	36.6	95	91	65-135	4	30	
Acetone	ug/L	ND	40	40	45.2	44.1	113	110	60-148	2	30	
Benzene	ug/L	ND	20	20	23.2	22.9	116	115	70-151	1	30	
Bromobenzene	ug/L	ND	20	20	21.1	20.7	105	104	70-136	2	30	
Bromochloromethane	ug/L	ND	20	20	23.3	22.8	117	114	70-141	2	30	
Bromodichloromethane	ug/L	ND	20	20	19.1	18.7	96	94	70-138	2	30	
Bromoform	ug/L	ND	20	20	16.8	16.1	84	80	63-130	5	30	
Bromomethane	ug/L	ND	20	20	22.6	22.0	113	110	15-152	2	30	IK
Carbon tetrachloride	ug/L	ND	20	20	20.1	19.8	101	99	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	21.9	21.1	109	106	70-138	3	30	
Chloroethane	ug/L	ND	20	20	25.0	25.2	125	126	52-163	1	30	
Chloroform	ug/L	ND	20	20	22.4	21.6	112	108	70-139	4	30	
Chloromethane	ug/L	ND	20	20	20.2	19.4	101	97	41-139	4	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.7	22.1	113	111	70-141	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	22.4	21.5	112	108	70-137	4	30	
Dibromochloromethane	ug/L	ND	20	20	19.7	19.4	98	97	70-134	2	30	
Dibromomethane	ug/L	ND	20	20	20.7	20.0	104	100	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	19.1	18.9	96	95	47-155	1	30	
Diisopropyl ether	ug/L	ND	20	20	20.1	19.6	101	98	63-144	3	30	
Ethylbenzene	ug/L	ND	20	20	21.0	20.8	105	104	66-153	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.1	22.2	115	111	65-149	4	30	
m&p-Xylene	ug/L	ND	40	40	42.5	42.0	106	105	69-152	1	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3027524 3027525

Parameter	Units	92498978002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	22.1	20.7	110	103	54-156	6	30	
Methylene Chloride	ug/L	ND	20	20	20.5	20.5	103	103	42-159	0	30	
Naphthalene	ug/L	ND	20	20	21.9	21.0	110	105	61-148	4	30	
o-Xylene	ug/L	ND	20	20	20.8	20.9	104	104	70-148	0	30	
p-Isopropyltoluene	ug/L	ND	20	20	21.2	21.5	106	107	70-146	1	30	
Styrene	ug/L	ND	20	20	21.9	20.4	110	102	70-135	7	30	
Tetrachloroethene	ug/L	ND	20	20	21.0	20.4	105	102	59-143	3	30	
Toluene	ug/L	ND	20	20	22.2	21.7	111	108	59-148	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.7	117	119	70-146	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.6	20.6	108	103	70-135	5	30	
Trichloroethene	ug/L	ND	20	20	22.0	21.5	110	108	70-147	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.4	19.4	97	97	70-148	0	30	
Vinyl acetate	ug/L	ND	40	40	49.6	46.4	124	116	49-151	7	30	
Vinyl chloride	ug/L	ND	20	20	21.3	20.9	106	104	70-156	2	30	
Xylene (Total)	ug/L	ND	60	60	63.3	62.9	105	105	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						93	96	70-130			
4-Bromofluorobenzene (S)	%						99	99	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

QC Batch: 571626
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92498978006, 92498978007, 92498978008, 92498978009, 92498978010, 92498978011, 92498978012, 92498978013

METHOD BLANK: 3027643
Matrix: Water
Associated Lab Samples: 92498978006, 92498978007, 92498978008, 92498978009, 92498978010, 92498978011, 92498978012, 92498978013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	0.34	10/08/20 04:09	
1,1,1-Trichloroethane	ug/L	ND	1.0	0.18	10/08/20 04:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	0.22	10/08/20 04:09	
1,1,2-Trichloroethane	ug/L	ND	1.0	0.24	10/08/20 04:09	
1,1-Dichloroethane	ug/L	ND	1.0	0.27	10/08/20 04:09	
1,1-Dichloroethene	ug/L	ND	1.0	0.24	10/08/20 04:09	
1,1-Dichloropropene	ug/L	ND	1.0	0.21	10/08/20 04:09	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	0.34	10/08/20 04:09	
1,2,3-Trichloropropane	ug/L	ND	1.0	0.35	10/08/20 04:09	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	0.22	10/08/20 04:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	0.26	10/08/20 04:09	
1,2-Dichlorobenzene	ug/L	ND	1.0	0.29	10/08/20 04:09	
1,2-Dichloroethane	ug/L	ND	1.0	0.34	10/08/20 04:09	
1,2-Dichloropropane	ug/L	ND	1.0	0.19	10/08/20 04:09	
1,3-Dichlorobenzene	ug/L	ND	1.0	0.22	10/08/20 04:09	
1,3-Dichloropropane	ug/L	ND	1.0	0.16	10/08/20 04:09	
1,4-Dichlorobenzene	ug/L	ND	1.0	0.26	10/08/20 04:09	
2,2-Dichloropropane	ug/L	ND	1.0	0.27	10/08/20 04:09	
2-Butanone (MEK)	ug/L	ND	5.0	3.3	10/08/20 04:09	
2-Chlorotoluene	ug/L	ND	1.0	0.20	10/08/20 04:09	
2-Hexanone	ug/L	ND	5.0	0.57	10/08/20 04:09	
4-Chlorotoluene	ug/L	ND	1.0	0.20	10/08/20 04:09	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	4.5	10/08/20 04:09	
Acetone	ug/L	ND	25.0	6.2	10/08/20 04:09	
Benzene	ug/L	ND	1.0	0.15	10/08/20 04:09	
Bromobenzene	ug/L	ND	1.0	0.22	10/08/20 04:09	
Bromochloromethane	ug/L	ND	1.0	0.34	10/08/20 04:09	
Bromodichloromethane	ug/L	ND	1.0	0.26	10/08/20 04:09	
Bromoform	ug/L	ND	1.0	0.62	10/08/20 04:09	
Bromomethane	ug/L	ND	2.0	0.62	10/08/20 04:09	v2
Carbon tetrachloride	ug/L	ND	1.0	0.22	10/08/20 04:09	
Chlorobenzene	ug/L	ND	1.0	0.23	10/08/20 04:09	
Chloroethane	ug/L	ND	1.0	0.49	10/08/20 04:09	IK
Chloroform	ug/L	ND	5.0	2.3	10/08/20 04:09	
Chloromethane	ug/L	ND	1.0	0.39	10/08/20 04:09	
cis-1,2-Dichloroethene	ug/L	ND	1.0	0.29	10/08/20 04:09	
cis-1,3-Dichloropropene	ug/L	ND	1.0	0.30	10/08/20 04:09	
Dibromochloromethane	ug/L	ND	1.0	0.41	10/08/20 04:09	
Dibromomethane	ug/L	ND	1.0	0.46	10/08/20 04:09	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

METHOD BLANK: 3027643 Matrix: Water
Associated Lab Samples: 92498978006, 92498978007, 92498978008, 92498978009, 92498978010, 92498978011, 92498978012, 92498978013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	0.23	10/08/20 04:09	
Diisopropyl ether	ug/L	ND	1.0	0.22	10/08/20 04:09	
Ethylbenzene	ug/L	ND	1.0	0.26	10/08/20 04:09	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	0.44	10/08/20 04:09	
m&p-Xylene	ug/L	ND	2.0	0.41	10/08/20 04:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.28	10/08/20 04:09	
Methylene Chloride	ug/L	ND	5.0	3.7	10/08/20 04:09	
Naphthalene	ug/L	ND	1.0	0.35	10/08/20 04:09	
o-Xylene	ug/L	ND	1.0	0.22	10/08/20 04:09	
p-Isopropyltoluene	ug/L	ND	1.0	0.21	10/08/20 04:09	
Styrene	ug/L	ND	1.0	0.27	10/08/20 04:09	
Tetrachloroethene	ug/L	ND	1.0	0.16	10/08/20 04:09	
Toluene	ug/L	ND	1.0	0.24	10/08/20 04:09	
trans-1,2-Dichloroethene	ug/L	ND	1.0	0.25	10/08/20 04:09	
trans-1,3-Dichloropropene	ug/L	ND	1.0	0.31	10/08/20 04:09	
Trichloroethene	ug/L	ND	1.0	0.22	10/08/20 04:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.31	10/08/20 04:09	
Vinyl acetate	ug/L	ND	2.0	1.4	10/08/20 04:09	
Vinyl chloride	ug/L	ND	1.0	0.24	10/08/20 04:09	
Xylene (Total)	ug/L	ND	1.0	0.63	10/08/20 04:09	
1,2-Dichloroethane-d4 (S)	%	112	70-130		10/08/20 04:09	
4-Bromofluorobenzene (S)	%	102	70-130		10/08/20 04:09	
Toluene-d8 (S)	%	100	70-130		10/08/20 04:09	

LABORATORY CONTROL SAMPLE: 3027644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.2	100	70-130	
1,1,1-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.2	100	70-130	
1,1,2-Trichloroethane	ug/L	50	47.4	95	70-130	
1,1-Dichloroethane	ug/L	50	48.9	98	70-130	
1,1-Dichloroethene	ug/L	50	52.7	105	70-130	
1,1-Dichloropropene	ug/L	50	47.3	95	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.7	107	70-130	
1,2,3-Trichloropropane	ug/L	50	50.4	101	70-130	
1,2,4-Trichlorobenzene	ug/L	50	52.9	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.3	111	70-130	
1,2-Dichlorobenzene	ug/L	50	50.9	102	70-130	
1,2-Dichloroethane	ug/L	50	48.8	98	70-130	
1,2-Dichloropropane	ug/L	50	47.9	96	70-130	
1,3-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,3-Dichloropropane	ug/L	50	52.2	104	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3027644

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	49.9	100	70-130	
2,2-Dichloropropane	ug/L	50	45.7	91	70-130	
2-Butanone (MEK)	ug/L	100	99.3	99	70-130	
2-Chlorotoluene	ug/L	50	50.6	101	70-130	
2-Hexanone	ug/L	100	109	109	70-130	
4-Chlorotoluene	ug/L	50	49.4	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	70-130	
Acetone	ug/L	100	107	107	70-130	
Benzene	ug/L	50	46.7	93	70-130	
Bromobenzene	ug/L	50	50.1	100	70-130	
Bromochloromethane	ug/L	50	48.4	97	70-130	
Bromodichloromethane	ug/L	50	45.5	91	70-130	
Bromoform	ug/L	50	51.7	103	70-130	
Bromomethane	ug/L	50	36.1	72	70-130	v3
Carbon tetrachloride	ug/L	50	48.7	97	70-130	
Chlorobenzene	ug/L	50	48.5	97	70-130	
Chloroethane	ug/L	50	36.4	73	70-130	IK
Chloroform	ug/L	50	47.3	95	70-130	
Chloromethane	ug/L	50	41.5	83	70-130	
cis-1,2-Dichloroethene	ug/L	50	48.1	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	51.1	102	70-130	
Dibromochloromethane	ug/L	50	50.8	102	70-130	
Dibromomethane	ug/L	50	48.7	97	70-130	
Dichlorodifluoromethane	ug/L	50	48.8	98	70-130	
Diisopropyl ether	ug/L	50	48.7	97	70-130	
Ethylbenzene	ug/L	50	48.4	97	70-130	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	70-130	
m&p-Xylene	ug/L	100	97.0	97	70-130	
Methyl-tert-butyl ether	ug/L	50	49.5	99	70-130	
Methylene Chloride	ug/L	50	50.5	101	70-130	
Naphthalene	ug/L	50	55.1	110	70-130	
o-Xylene	ug/L	50	47.9	96	70-130	
p-Isopropyltoluene	ug/L	50	49.0	98	70-130	
Styrene	ug/L	50	50.2	100	70-130	
Tetrachloroethene	ug/L	50	47.6	95	70-130	
Toluene	ug/L	50	46.7	93	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.7	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	70-130	
Trichloroethene	ug/L	50	47.5	95	70-130	
Trichlorofluoromethane	ug/L	50	41.2	82	70-130	
Vinyl acetate	ug/L	100	119	119	70-130	
Vinyl chloride	ug/L	50	42.6	85	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3027645 3027646

Parameter	Units	92498982002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.1	22.5	120	112	73-134	7	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.6	23.7	123	119	82-143	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.6	22.4	118	112	70-136	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.6	20.9	113	105	70-135	8	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.5	23.8	122	119	70-139	3	30	
1,1-Dichloroethene	ug/L	ND	20	20	27.3	26.7	137	133	70-154	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.0	23.3	120	117	70-149	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.8	22.7	114	114	70-135	0	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	23.3	21.8	116	109	71-137	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.2	22.6	116	113	73-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	24.5	23.2	122	116	65-134	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.3	22.8	116	114	70-133	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	23.6	22.4	118	112	70-137	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.2	22.7	116	114	70-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.1	22.4	116	112	70-135	3	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.4	23.3	122	116	70-143	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	23.1	22.5	115	113	70-133	2	30	
2,2-Dichloropropane	ug/L	ND	20	20	25.1	24.0	125	120	61-148	4	30	
2-Butanone (MEK)	ug/L	ND	40	40	48.9	47.0	122	117	60-139	4	30	
2-Chlorotoluene	ug/L	ND	20	20	23.9	23.3	119	116	70-144	2	30	
2-Hexanone	ug/L	ND	40	40	49.6	47.4	124	119	65-138	5	30	
4-Chlorotoluene	ug/L	ND	20	20	23.2	22.8	116	114	70-137	2	30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	46.7	44.6	117	111	65-135	5	30	
Acetone	ug/L	ND	40	40	52.9	51.0	132	128	60-148	4	30	
Benzene	ug/L	ND	20	20	23.3	22.1	116	111	70-151	5	30	
Bromobenzene	ug/L	ND	20	20	23.2	22.8	116	114	70-136	1	30	
Bromochloromethane	ug/L	ND	20	20	23.6	22.9	118	115	70-141	3	30	
Bromodichloromethane	ug/L	ND	20	20	21.6	20.7	108	103	70-138	4	30	
Bromoform	ug/L	ND	20	20	23.2	22.0	116	110	63-130	5	30	
Bromomethane	ug/L	ND	20	20	19.7	19.1	99	95	15-152	3	30	v3
Carbon tetrachloride	ug/L	ND	20	20	23.7	24.0	118	120	70-143	1	30	
Chlorobenzene	ug/L	ND	20	20	23.2	22.2	116	111	70-138	4	30	
Chloroethane	ug/L	ND	20	20	20.6	19.2	103	96	52-163	7	30	IK
Chloroform	ug/L	ND	20	20	21.8	22.0	109	110	70-139	1	30	
Chloromethane	ug/L	ND	20	20	23.1	20.7	116	104	41-139	11	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.7	23.4	123	117	70-141	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.9	23.3	120	117	70-137	3	30	
Dibromochloromethane	ug/L	ND	20	20	23.6	22.3	118	111	70-134	6	30	
Dibromomethane	ug/L	ND	20	20	22.5	21.7	112	108	70-138	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	23.6	23.2	118	116	47-155	2	30	
Diisopropyl ether	ug/L	ND	20	20	23.3	22.5	116	112	63-144	3	30	
Ethylbenzene	ug/L	0.53J	20	20	24.4	22.9	119	112	66-153	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.4	20.7	107	104	65-149	3	30	
m&p-Xylene	ug/L	2.2	40	40	49.4	47.1	118	112	69-152	5	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3027645 3027646

Parameter	Units	92498982002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	22.9	21.9	114	110	54-156	4	30	
Methylene Chloride	ug/L	ND	20	20	24.9	23.8	125	119	42-159	4	30	
Naphthalene	ug/L	ND	20	20	23.5	22.9	118	114	61-148	3	30	
o-Xylene	ug/L	0.70J	20	20	23.8	22.9	116	111	70-148	4	30	
p-Isopropyltoluene	ug/L	ND	20	20	22.7	21.9	114	109	70-146	4	30	
Styrene	ug/L	ND	20	20	23.7	22.6	118	113	70-135	5	30	
Tetrachloroethene	ug/L	ND	20	20	23.6	22.3	118	112	59-143	6	30	
Toluene	ug/L	ND	20	20	22.7	21.9	114	110	59-148	4	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.8	24.6	129	123	70-146	5	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.4	119	112	70-135	6	30	
Trichloroethene	ug/L	ND	20	20	23.7	22.8	119	114	70-147	4	30	
Trichlorofluoromethane	ug/L	ND	20	20	22.7	22.2	113	111	70-148	2	30	
Vinyl acetate	ug/L	ND	40	40	55.4	53.5	139	134	49-151	4	30	
Vinyl chloride	ug/L	ND	20	20	22.5	21.9	113	109	70-156	3	30	
Xylene (Total)	ug/L	2.2	60	60	73.3	70.1	118	113	63-158	5	30	
1,2-Dichloroethane-d4 (S)	%						106	108	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

QC Batch: 571981 Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005, 92498978006, 92498978007, 92498978008, 92498978010, 92498978011, 92498978012

METHOD BLANK: 3029811 Matrix: Water
Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005, 92498978006, 92498978007, 92498978008, 92498978010, 92498978011, 92498978012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	1.7	10/09/20 10:01	
1,2-Dichlorobenzene	ug/L	ND	10.0	1.8	10/09/20 10:01	
1,3-Dichlorobenzene	ug/L	ND	10.0	1.6	10/09/20 10:01	
1,4-Dichlorobenzene	ug/L	ND	10.0	1.7	10/09/20 10:01	
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/09/20 10:01	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/09/20 10:01	v1
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/09/20 10:01	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/09/20 10:01	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/09/20 10:01	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/09/20 10:01	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/09/20 10:01	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/09/20 10:01	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/09/20 10:01	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/09/20 10:01	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/09/20 10:01	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/09/20 10:01	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/09/20 10:01	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/09/20 10:01	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/09/20 10:01	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/09/20 10:01	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/09/20 10:01	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/09/20 10:01	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	10/09/20 10:01	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/09/20 10:01	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/09/20 10:01	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/09/20 10:01	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/09/20 10:01	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/09/20 10:01	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/09/20 10:01	
Acenaphthene	ug/L	ND	10.0	2.0	10/09/20 10:01	
Acenaphthylene	ug/L	ND	10.0	2.0	10/09/20 10:01	
Aniline	ug/L	ND	10.0	1.6	10/09/20 10:01	
Anthracene	ug/L	ND	10.0	2.3	10/09/20 10:01	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/09/20 10:01	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/09/20 10:01	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/09/20 10:01	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/09/20 10:01	
Benzoic Acid	ug/L	ND	50.0	3.4	10/09/20 10:01	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/09/20 10:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

METHOD BLANK: 3029811 Matrix: Water

Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005, 92498978006, 92498978007, 92498978008, 92498978010, 92498978011, 92498978012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/09/20 10:01	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/09/20 10:01	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/09/20 10:01	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/09/20 10:01	
Chrysene	ug/L	ND	10.0	2.8	10/09/20 10:01	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/09/20 10:01	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/09/20 10:01	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/09/20 10:01	
Dibenzofuran	ug/L	ND	10.0	2.1	10/09/20 10:01	
Diethylphthalate	ug/L	ND	10.0	2.0	10/09/20 10:01	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/09/20 10:01	
Fluoranthene	ug/L	ND	10.0	2.2	10/09/20 10:01	
Fluorene	ug/L	ND	10.0	2.1	10/09/20 10:01	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	1.8	10/09/20 10:01	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/09/20 10:01	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/09/20 10:01	
Hexachloroethane	ug/L	ND	10.0	1.4	10/09/20 10:01	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/09/20 10:01	
Isophorone	ug/L	ND	10.0	1.7	10/09/20 10:01	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/09/20 10:01	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/09/20 10:01	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/09/20 10:01	
Naphthalene	ug/L	ND	10.0	2.1	10/09/20 10:01	
Nitrobenzene	ug/L	ND	10.0	1.9	10/09/20 10:01	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/09/20 10:01	
Phenanthrene	ug/L	ND	10.0	2.0	10/09/20 10:01	
Phenol	ug/L	ND	10.0	1.4	10/09/20 10:01	
Pyrene	ug/L	ND	10.0	2.2	10/09/20 10:01	
2,4,6-Tribromophenol (S)	%	83	10-144		10/09/20 10:01	
2-Fluorobiphenyl (S)	%	78	10-130		10/09/20 10:01	
2-Fluorophenol (S)	%	62	10-130		10/09/20 10:01	
Nitrobenzene-d5 (S)	%	96	10-144		10/09/20 10:01	
Phenol-d6 (S)	%	46	10-130		10/09/20 10:01	
Terphenyl-d14 (S)	%	134	34-163		10/09/20 10:01	

LABORATORY CONTROL SAMPLE: 3029812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	32.8	66	18-130	
1,2-Dichlorobenzene	ug/L	50	29.7	59	20-130	
1,3-Dichlorobenzene	ug/L	50	27.3	55	18-130	
1,4-Dichlorobenzene	ug/L	50	29.6	59	18-130	
1-Methylnaphthalene	ug/L	50	35.6	71	29-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3029812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2'-Oxybis(1-chloropropane)	ug/L	50	47.3	95	28-130	v1
2,4,5-Trichlorophenol	ug/L	50	42.6	85	35-130	
2,4,6-Trichlorophenol	ug/L	50	40.4	81	31-130	
2,4-Dichlorophenol	ug/L	50	41.3	83	35-130	
2,4-Dimethylphenol	ug/L	50	43.2	86	34-130	
2,4-Dinitrophenol	ug/L	250	191	77	10-153	
2,4-Dinitrotoluene	ug/L	50	43.6	87	37-136	
2,6-Dinitrotoluene	ug/L	50	45.5	91	33-136	
2-Chloronaphthalene	ug/L	50	39.7	79	26-130	
2-Chlorophenol	ug/L	50	38.1	76	37-130	
2-Methylnaphthalene	ug/L	50	36.7	73	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.3	71	35-130	
2-Nitroaniline	ug/L	100	83.4	83	37-130	
2-Nitrophenol	ug/L	50	41.2	82	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	38.3	77	34-130	
3,3'-Dichlorobenzidine	ug/L	100	76.1	76	34-136	
3-Nitroaniline	ug/L	100	80.7	81	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	83.3	83	21-157	
4-Bromophenylphenyl ether	ug/L	50	41.9	84	38-130	
4-Chloro-3-methylphenol	ug/L	100	79.3	79	37-130	
4-Chloroaniline	ug/L	100	78.5	78	38-130	
4-Chlorophenylphenyl ether	ug/L	50	39.6	79	33-130	
4-Nitroaniline	ug/L	100	79.8	80	42-137	
4-Nitrophenol	ug/L	250	126	50	10-130	
Acenaphthene	ug/L	50	38.9	78	33-130	
Acenaphthylene	ug/L	50	39.4	79	35-130	
Aniline	ug/L	50	29.3	59	22-130	
Anthracene	ug/L	50	36.3	73	48-130	
Benzo(a)anthracene	ug/L	50	41.6	83	48-137	
Benzo(b)fluoranthene	ug/L	50	47.3	95	52-138	
Benzo(g,h,i)perylene	ug/L	50	39.7	79	48-140	
Benzo(k)fluoranthene	ug/L	50	44.6	89	48-139	
Benzoic Acid	ug/L	250	109	43	10-130	
Benzyl alcohol	ug/L	100	69.6	70	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	40.2	80	34-130	
bis(2-Chloroethyl) ether	ug/L	50	39.7	79	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	40.3	81	32-165	
Butylbenzylphthalate	ug/L	50	46.1	92	34-161	
Chrysene	ug/L	50	41.3	83	47-131	
Di-n-butylphthalate	ug/L	50	39.8	80	39-144	
Di-n-octylphthalate	ug/L	50	36.8	74	30-170	
Dibenz(a,h)anthracene	ug/L	50	39.4	79	49-138	
Dibenzofuran	ug/L	50	40.3	81	33-130	
Diethylphthalate	ug/L	50	41.8	84	38-131	
Dimethylphthalate	ug/L	50	41.0	82	37-130	
Fluoranthene	ug/L	50	38.5	77	46-137	
Fluorene	ug/L	50	39.9	80	37-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3029812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloro-1,3-butadiene	ug/L	50	28.4	57	11-130	
Hexachlorobenzene	ug/L	50	41.4	83	38-130	
Hexachlorocyclopentadiene	ug/L	50	32.9	66	10-130	
Hexachloroethane	ug/L	50	25.2	50	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	40.3	81	41-130	
Isophorone	ug/L	50	41.5	83	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	44.2	88	36-130	
N-Nitrosodimethylamine	ug/L	50	31.6	63	34-130	
N-Nitrosodiphenylamine	ug/L	50	36.5	73	37-130	
Naphthalene	ug/L	50	35.8	72	30-130	
Nitrobenzene	ug/L	50	42.3	85	36-130	
Pentachlorophenol	ug/L	100	75.9	76	23-149	
Phenanthrene	ug/L	50	39.9	80	44-130	
Phenol	ug/L	50	25.1	50	18-130	
Pyrene	ug/L	50	43.9	88	47-134	
2,4,6-Tribromophenol (S)	%			89	10-144	
2-Fluorobiphenyl (S)	%			81	10-130	
2-Fluorophenol (S)	%			57	10-130	
Nitrobenzene-d5 (S)	%			86	10-144	
Phenol-d6 (S)	%			47	10-130	
Terphenyl-d14 (S)	%			109	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029815 3029816

Parameter	Units	92494245008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	50	50	30.4	29.8	61	60	10-130	2	30	
1,2-Dichlorobenzene	ug/L	ND	50	50	24.5	25.3	49	51	10-130	3	30	
1,3-Dichlorobenzene	ug/L	ND	50	50	22.2	22.7	44	45	10-130	2	30	
1,4-Dichlorobenzene	ug/L	ND	50	50	24.3	24.7	49	49	10-130	2	30	
1-Methylnaphthalene	ug/L	ND	50	50	34.2	32.2	68	64	10-130	6	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	41.4	41.5	83	83	12-142	0	30	v1
2,4,5-Trichlorophenol	ug/L	ND	50	50	39.4	19.4	79	39	10-143	68	30	R1
2,4,6-Trichlorophenol	ug/L	ND	50	50	37.3	9.6J	75	19	10-147		30	
2,4-Dichlorophenol	ug/L	ND	50	50	36.9	24.4	74	49	10-138	41	30	R1
2,4-Dimethylphenol	ug/L	ND	50	50	41.0	38.0	82	76	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	250	250	181	ND	73	0	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	43.4	36.6	87	73	29-148	17	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	44.2	41.2	88	82	26-146	7	30	
2-Chloronaphthalene	ug/L	ND	50	50	38.7	36.8	77	74	11-130	5	30	
2-Chlorophenol	ug/L	ND	50	50	33.6	23.8	67	48	10-133	34	30	R1
2-Methylnaphthalene	ug/L	ND	50	50	34.9	33.8	70	68	13-130	3	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	31.1	29.7	62	59	20-130	4	30	
2-Nitroaniline	ug/L	ND	100	100	80.0	73.9	80	74	24-136	8	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029815 3029816

Parameter	Units	92494245008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2-Nitrophenol	ug/L	ND	50	50	36.9	22.6	74	45	10-153	48	30	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	31.6	31.5	63	63	16-130	0	30	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	81.5	73.5	82	74	10-153	10	30	
3-Nitroaniline	ug/L	ND	100	100	80.5	71.8	80	72	22-151	11	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	79.7	3.5J	80	4	10-180		30	M1
4-Bromophenylphenyl ether	ug/L	ND	50	50	39.2	38.3	78	77	25-130	2	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	71.5	65.4	72	65	25-133	9	30	
4-Chloroaniline	ug/L	ND	100	100	71.8	69.8	72	70	14-132	3	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	37.6	35.4	75	71	19-130	6	30	
4-Nitroaniline	ug/L	ND	100	100	81.7	69.3	82	69	29-150	16	30	
4-Nitrophenol	ug/L	ND	250	250	127	6.8J	51	3	10-130		30	M1
Acenaphthene	ug/L	ND	50	50	37.5	35.6	75	71	16-130	5	30	
Acenaphthylene	ug/L	ND	50	50	37.9	36.4	76	73	15-137	4	30	
Aniline	ug/L	ND	50	50	29.1	30.9	58	62	10-130	6	30	
Anthracene	ug/L	ND	50	50	36.3	33.8	73	68	37-136	7	30	
Benzo(a)anthracene	ug/L	ND	50	50	40.7	37.5	81	75	40-145	8	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	44.7	42.4	89	85	39-151	5	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	43.2	38.1	86	76	40-147	13	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	44.0	40.9	88	82	40-146	7	30	
Benzoic Acid	ug/L	ND	250	250	61.1	ND	24	0	10-130		30	M1
Benzyl alcohol	ug/L	ND	100	100	58.9	59.7	59	60	25-130	1	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	35.7	34.5	71	69	23-130	3	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	37.7	35.4	75	71	25-130	6	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	36.6	32.3	73	65	28-166	12	30	
Butylbenzylphthalate	ug/L	ND	50	50	41.4	39.0	83	78	33-165	6	30	
Chrysene	ug/L	ND	50	50	41.3	38.0	83	76	38-141	8	30	
Di-n-butylphthalate	ug/L	ND	50	50	36.9	31.9	74	64	32-153	14	30	
Di-n-octylphthalate	ug/L	ND	50	50	35.5	29.2	71	58	30-175	20	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	42.2	37.5	84	75	39-148	12	30	
Dibenzofuran	ug/L	ND	50	50	39.7	37.4	79	75	20-130	6	30	
Diethylphthalate	ug/L	ND	50	50	40.5	35.7	81	71	28-142	13	30	
Dimethylphthalate	ug/L	ND	50	50	39.8	36.4	80	73	26-136	9	30	
Fluoranthene	ug/L	ND	50	50	39.9	34.4	80	69	39-143	15	30	
Fluorene	ug/L	ND	50	50	38.5	36.1	77	72	24-132	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	25.6	25.2	51	50	10-130	2	30	
Hexachlorobenzene	ug/L	ND	50	50	37.9	36.8	76	74	29-130	3	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	30.8	30.2	62	60	10-130	2	30	
Hexachloroethane	ug/L	ND	50	50	20.2	20.3	40	41	10-130	1	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	42.4	37.1	85	74	39-148	13	30	
Isophorone	ug/L	ND	50	50	37.7	35.6	75	71	23-130	6	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	38.0	37.6	76	75	25-130	1	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	28.7	29.3	57	59	22-130	2	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	40.0	38.1	80	76	26-134	5	30	
Naphthalene	ug/L	ND	50	50	32.9	32.2	66	64	14-130	2	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029815 3029816

Parameter	Units	92494245008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrobenzene	ug/L	ND	50	50	39.8	38.0	80	76	25-130	4	30	
Pentachlorophenol	ug/L	ND	100	100	71.3	6.1J	71	6	10-175		30	M1
Phenanthrene	ug/L	ND	50	50	39.7	36.7	79	73	36-133	8	30	
Phenol	ug/L	ND	50	50	21.7	19.0	43	38	10-130	13	30	
Pyrene	ug/L	ND	50	50	40.0	39.3	80	79	40-143	2	30	
2,4,6-Tribromophenol (S)	%						82	40	10-144			
2-Fluorobiphenyl (S)	%						78	74	10-130			
2-Fluorophenol (S)	%						50	19	10-130			
Nitrobenzene-d5 (S)	%						79	76	10-144			
Phenol-d6 (S)	%						40	34	10-130			
Terphenyl-d14 (S)	%						97	94	34-163			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

QC Batch: 572451
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92498978009

METHOD BLANK: 3031720 Matrix: Water
Associated Lab Samples: 92498978009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	1.7	10/12/20 15:01	
1,2-Dichlorobenzene	ug/L	ND	10.0	1.8	10/12/20 15:01	
1,3-Dichlorobenzene	ug/L	ND	10.0	1.6	10/12/20 15:01	
1,4-Dichlorobenzene	ug/L	ND	10.0	1.7	10/12/20 15:01	
1-Methylnaphthalene	ug/L	ND	10.0	2.0	10/12/20 15:01	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	1.2	10/12/20 15:01	
2,4,5-Trichlorophenol	ug/L	ND	10.0	1.4	10/12/20 15:01	
2,4,6-Trichlorophenol	ug/L	ND	10.0	1.6	10/12/20 15:01	
2,4-Dichlorophenol	ug/L	ND	10.0	1.4	10/12/20 15:01	
2,4-Dimethylphenol	ug/L	ND	10.0	1.7	10/12/20 15:01	
2,4-Dinitrophenol	ug/L	ND	50.0	26.0	10/12/20 15:01	
2,4-Dinitrotoluene	ug/L	ND	10.0	1.6	10/12/20 15:01	
2,6-Dinitrotoluene	ug/L	ND	10.0	1.7	10/12/20 15:01	
2-Chloronaphthalene	ug/L	ND	10.0	1.7	10/12/20 15:01	
2-Chlorophenol	ug/L	ND	10.0	1.2	10/12/20 15:01	
2-Methylnaphthalene	ug/L	ND	10.0	1.9	10/12/20 15:01	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	1.9	10/12/20 15:01	
2-Nitroaniline	ug/L	ND	20.0	3.0	10/12/20 15:01	
2-Nitrophenol	ug/L	ND	10.0	1.4	10/12/20 15:01	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	1.2	10/12/20 15:01	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	8.1	10/12/20 15:01	
3-Nitroaniline	ug/L	ND	20.0	3.8	10/12/20 15:01	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	3.4	10/12/20 15:01	
4-Bromophenylphenyl ether	ug/L	ND	10.0	1.8	10/12/20 15:01	
4-Chloro-3-methylphenol	ug/L	ND	10.0	3.3	10/12/20 15:01	
4-Chloroaniline	ug/L	ND	20.0	3.6	10/12/20 15:01	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	2.0	10/12/20 15:01	
4-Nitroaniline	ug/L	ND	20.0	5.1	10/12/20 15:01	
4-Nitrophenol	ug/L	ND	50.0	6.6	10/12/20 15:01	
Acenaphthene	ug/L	ND	10.0	2.0	10/12/20 15:01	
Acenaphthylene	ug/L	ND	10.0	2.0	10/12/20 15:01	
Aniline	ug/L	ND	10.0	1.6	10/12/20 15:01	
Anthracene	ug/L	ND	10.0	2.3	10/12/20 15:01	
Benzo(a)anthracene	ug/L	ND	10.0	2.7	10/12/20 15:01	
Benzo(b)fluoranthene	ug/L	ND	10.0	2.6	10/12/20 15:01	
Benzo(g,h,i)perylene	ug/L	ND	10.0	2.8	10/12/20 15:01	
Benzo(k)fluoranthene	ug/L	ND	10.0	2.7	10/12/20 15:01	
Benzoic Acid	ug/L	ND	50.0	3.4	10/12/20 15:01	
Benzyl alcohol	ug/L	ND	20.0	2.9	10/12/20 15:01	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	1.8	10/12/20 15:01	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

METHOD BLANK: 3031720 Matrix: Water
Associated Lab Samples: 92498978009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/L	ND	10.0	1.9	10/12/20 15:01	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	3.7	10/12/20 15:01	
Butylbenzylphthalate	ug/L	ND	10.0	3.1	10/12/20 15:01	
Chrysene	ug/L	ND	10.0	2.8	10/12/20 15:01	
Di-n-butylphthalate	ug/L	ND	10.0	2.2	10/12/20 15:01	
Di-n-octylphthalate	ug/L	ND	10.0	3.9	10/12/20 15:01	
Dibenz(a,h)anthracene	ug/L	ND	10.0	3.0	10/12/20 15:01	
Dibenzofuran	ug/L	ND	10.0	2.1	10/12/20 15:01	
Diethylphthalate	ug/L	ND	10.0	2.0	10/12/20 15:01	
Dimethylphthalate	ug/L	ND	10.0	2.1	10/12/20 15:01	
Fluoranthene	ug/L	ND	10.0	2.2	10/12/20 15:01	
Fluorene	ug/L	ND	10.0	2.1	10/12/20 15:01	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	1.8	10/12/20 15:01	
Hexachlorobenzene	ug/L	ND	10.0	2.2	10/12/20 15:01	
Hexachlorocyclopentadiene	ug/L	ND	10.0	1.6	10/12/20 15:01	
Hexachloroethane	ug/L	ND	10.0	1.4	10/12/20 15:01	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	2.9	10/12/20 15:01	
Isophorone	ug/L	ND	10.0	1.7	10/12/20 15:01	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	1.3	10/12/20 15:01	
N-Nitrosodimethylamine	ug/L	ND	10.0	1.9	10/12/20 15:01	
N-Nitrosodiphenylamine	ug/L	ND	10.0	3.0	10/12/20 15:01	
Naphthalene	ug/L	ND	10.0	2.1	10/12/20 15:01	
Nitrobenzene	ug/L	ND	10.0	1.9	10/12/20 15:01	
Pentachlorophenol	ug/L	ND	20.0	3.8	10/12/20 15:01	
Phenanthrene	ug/L	ND	10.0	2.0	10/12/20 15:01	
Phenol	ug/L	ND	10.0	1.4	10/12/20 15:01	
Pyrene	ug/L	ND	10.0	2.2	10/12/20 15:01	
2,4,6-Tribromophenol (S)	%	73	10-144		10/12/20 15:01	
2-Fluorobiphenyl (S)	%	81	10-130		10/12/20 15:01	
2-Fluorophenol (S)	%	47	10-130		10/12/20 15:01	
Nitrobenzene-d5 (S)	%	82	10-144		10/12/20 15:01	
Phenol-d6 (S)	%	33	10-130		10/12/20 15:01	
Terphenyl-d14 (S)	%	122	34-163		10/12/20 15:01	

LABORATORY CONTROL SAMPLE: 3031721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.9	86	18-130	
1,2-Dichlorobenzene	ug/L	50	39.5	79	20-130	
1,3-Dichlorobenzene	ug/L	50	38.3	77	18-130	
1,4-Dichlorobenzene	ug/L	50	40.2	80	18-130	
1-Methylnaphthalene	ug/L	50	41.6	83	29-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	53.2	106	28-130	
2,4,5-Trichlorophenol	ug/L	50	49.1	98	35-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3031721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	50	48.1	96	31-130	
2,4-Dichlorophenol	ug/L	50	46.6	93	35-130	
2,4-Dimethylphenol	ug/L	50	51.3	103	34-130	
2,4-Dinitrophenol	ug/L	250	160	64	10-153	
2,4-Dinitrotoluene	ug/L	50	51.8	104	37-136	
2,6-Dinitrotoluene	ug/L	50	54.3	109	33-136	
2-Chloronaphthalene	ug/L	50	48.2	96	26-130	
2-Chlorophenol	ug/L	50	42.3	85	37-130	
2-Methylnaphthalene	ug/L	50	43.9	88	29-130	
2-Methylphenol(o-Cresol)	ug/L	50	38.7	77	35-130	
2-Nitroaniline	ug/L	100	94.2	94	37-130	
2-Nitrophenol	ug/L	50	47.6	95	32-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	40.6	81	34-130	
3,3'-Dichlorobenzidine	ug/L	100	103	103	34-136	
3-Nitroaniline	ug/L	100	96.3	96	37-138	
4,6-Dinitro-2-methylphenol	ug/L	100	97.9	98	21-157	
4-Bromophenylphenyl ether	ug/L	50	50.4	101	38-130	
4-Chloro-3-methylphenol	ug/L	100	88.5	89	37-130	
4-Chloroaniline	ug/L	100	91.6	92	38-130	
4-Chlorophenylphenyl ether	ug/L	50	47.3	95	33-130	
4-Nitroaniline	ug/L	100	94.8	95	42-137	
4-Nitrophenol	ug/L	250	139	55	10-130	
Acenaphthene	ug/L	50	46.1	92	33-130	
Acenaphthylene	ug/L	50	47.5	95	35-130	
Aniline	ug/L	50	38.0	76	22-130	
Anthracene	ug/L	50	43.5	87	48-130	
Benzo(a)anthracene	ug/L	50	48.6	97	48-137	
Benzo(b)fluoranthene	ug/L	50	56.6	113	52-138	
Benzo(g,h,i)perylene	ug/L	50	51.7	103	48-140	
Benzo(k)fluoranthene	ug/L	50	53.6	107	48-139	
Benzoic Acid	ug/L	250	16.0J	6	10-130	L2
Benzyl alcohol	ug/L	100	75.1	75	35-130	
bis(2-Chloroethoxy)methane	ug/L	50	45.6	91	34-130	
bis(2-Chloroethyl) ether	ug/L	50	45.0	90	36-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.2	94	32-165	
Butylbenzylphthalate	ug/L	50	54.5	109	34-161	
Chrysene	ug/L	50	49.4	99	47-131	
Di-n-butylphthalate	ug/L	50	45.6	91	39-144	
Di-n-octylphthalate	ug/L	50	46.4	93	30-170	
Dibenz(a,h)anthracene	ug/L	50	51.5	103	49-138	
Dibenzofuran	ug/L	50	48.4	97	33-130	
Diethylphthalate	ug/L	50	48.9	98	38-131	
Dimethylphthalate	ug/L	50	48.6	97	37-130	
Fluoranthene	ug/L	50	46.4	93	46-137	
Fluorene	ug/L	50	47.4	95	37-130	
Hexachloro-1,3-butadiene	ug/L	50	39.5	79	11-130	
Hexachlorobenzene	ug/L	50	48.6	97	38-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

LABORATORY CONTROL SAMPLE: 3031721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/L	50	42.9	86	10-130	
Hexachloroethane	ug/L	50	37.7	75	14-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.1	102	41-130	
Isophorone	ug/L	50	47.4	95	33-130	
N-Nitroso-di-n-propylamine	ug/L	50	47.6	95	36-130	
N-Nitrosodimethylamine	ug/L	50	35.5	71	34-130	
N-Nitrosodiphenylamine	ug/L	50	49.7	99	37-130	
Naphthalene	ug/L	50	43.1	86	30-130	
Nitrobenzene	ug/L	50	49.1	98	36-130	
Pentachlorophenol	ug/L	100	91.5	91	23-149	
Phenanthrene	ug/L	50	47.1	94	44-130	
Phenol	ug/L	50	26.9	54	18-130	
Pyrene	ug/L	50	49.6	99	47-134	
2,4,6-Tribromophenol (S)	%			98	10-144	
2-Fluorobiphenyl (S)	%			94	10-130	
2-Fluorophenol (S)	%			61	10-130	
Nitrobenzene-d5 (S)	%			97	10-144	
Phenol-d6 (S)	%			48	10-130	
Terphenyl-d14 (S)	%			118	34-163	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031722 3031723

Parameter	Units	92494245010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	50	50	40.6	43.2	81	86	10-130	6	30	
1,2-Dichlorobenzene	ug/L	ND	50	50	38.3	41.3	77	83	10-130	8	30	
1,3-Dichlorobenzene	ug/L	ND	50	50	36.8	39.5	74	79	10-130	7	30	
1,4-Dichlorobenzene	ug/L	ND	50	50	38.7	41.4	77	83	10-130	7	30	
1-Methylnaphthalene	ug/L	ND	50	50	40.6	43.3	81	87	10-130	6	30	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	52.1	54.0	104	108	12-142	4	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	45.0	51.7	90	103	10-143	14	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	38.0	50.8	76	102	10-147	29	30	
2,4-Dichlorophenol	ug/L	ND	50	50	42.9	50.7	86	101	10-138	17	30	
2,4-Dimethylphenol	ug/L	ND	50	50	49.6	53.6	99	107	25-130	8	30	
2,4-Dinitrophenol	ug/L	ND	250	250	ND	240	8	96	10-165		30	M1
2,4-Dinitrotoluene	ug/L	ND	50	50	46.4	51.2	93	102	29-148	10	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	49.6	54.2	99	108	26-146	9	30	
2-Chloronaphthalene	ug/L	ND	50	50	45.5	48.5	91	97	11-130	7	30	
2-Chlorophenol	ug/L	ND	50	50	39.1	47.2	78	94	10-133	19	30	
2-Methylnaphthalene	ug/L	ND	50	50	42.3	45.2	85	90	13-130	7	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	36.9	45.9	74	92	20-130	22	30	
2-Nitroaniline	ug/L	ND	100	100	90.2	91.4	90	91	24-136	1	30	
2-Nitrophenol	ug/L	ND	50	50	43.9	51.4	88	103	10-153	16	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	39.0	51.2	78	102	16-130	27	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031722 3031723

Parameter	Units	92494245010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3'-Dichlorobenzidine	ug/L	ND	100	100	82.2	53.1	82	53	10-153	43	30	R1
3-Nitroaniline	ug/L	ND	100	100	89.5	92.9	90	93	22-151	4	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	31.3	103	31	103	10-180	107	30	R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	47.4	51.9	95	104	25-130	9	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	87.7	102	88	102	25-133	15	30	
4-Chloroaniline	ug/L	ND	100	100	85.8	91.4	86	91	14-132	6	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	44.6	47.6	89	95	19-130	7	30	
4-Nitroaniline	ug/L	ND	100	100	83.0	87.4	83	87	29-150	5	30	
4-Nitrophenol	ug/L	ND	250	250	45.5J	139	18	56	10-130		30	
Acenaphthene	ug/L	ND	50	50	44.1	46.8	88	94	16-130	6	30	
Acenaphthylene	ug/L	ND	50	50	45.3	48.1	91	96	15-137	6	30	
Aniline	ug/L	ND	50	50	35.2	39.9	70	80	10-130	13	30	
Anthracene	ug/L	ND	50	50	41.0	43.7	82	87	37-136	6	30	
Benzo(a)anthracene	ug/L	ND	50	50	45.5	48.9	91	98	40-145	7	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	51.4	55.5	103	111	39-151	8	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	47.4	48.4	95	97	40-147	2	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	49.1	52.5	98	105	40-146	7	30	
Benzoic Acid	ug/L	ND	250	250	ND	119	0	48	10-130		30	M0
Benzyl alcohol	ug/L	ND	100	100	70.4	80.5	70	81	25-130	13	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	43.5	46.6	87	93	23-130	7	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	42.4	46.6	85	93	25-130	10	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	44.7	48.5	89	97	28-166	8	30	
Butylbenzylphthalate	ug/L	ND	50	50	51.1	54.2	102	108	33-165	6	30	
Chrysene	ug/L	ND	50	50	46.3	49.8	93	100	38-141	7	30	
Di-n-butylphthalate	ug/L	ND	50	50	43.4	46.9	87	94	32-153	8	30	
Di-n-octylphthalate	ug/L	ND	50	50	45.3	49.5	91	99	30-175	9	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	46.7	48.1	93	96	39-148	3	30	
Dibenzofuran	ug/L	ND	50	50	46.0	48.2	92	96	20-130	5	30	
Diethylphthalate	ug/L	ND	50	50	45.7	49.0	91	98	28-142	7	30	
Dimethylphthalate	ug/L	ND	50	50	45.3	47.8	91	96	26-136	5	30	
Fluoranthene	ug/L	ND	50	50	42.6	45.9	85	92	39-143	7	30	
Fluorene	ug/L	ND	50	50	44.5	47.6	89	95	24-132	7	30	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	39.3	40.7	79	81	10-130	4	30	
Hexachlorobenzene	ug/L	ND	50	50	46.0	49.7	92	99	29-130	8	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	42.3	44.2	85	88	10-130	4	30	
Hexachloroethane	ug/L	ND	50	50	36.8	38.4	74	77	10-130	4	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	47.4	48.6	95	97	39-148	3	30	
Isophorone	ug/L	ND	50	50	46.2	48.8	92	98	23-130	5	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	46.1	50.4	92	101	25-130	9	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	32.0	36.2	64	72	22-130	12	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	46.8	48.9	94	98	26-134	4	30	
Naphthalene	ug/L	ND	50	50	41.2	43.7	82	87	14-130	6	30	
Nitrobenzene	ug/L	ND	50	50	48.0	50.7	96	101	25-130	6	30	
Pentachlorophenol	ug/L	ND	100	100	37.0	100	37	100	10-175	92	30	R1
Phenanthrene	ug/L	ND	50	50	44.0	46.8	88	94	36-133	6	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031722 3031723

Parameter	Units	92494245010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Phenol	ug/L	ND	50	50	24.5	39.3	49	79	10-130	46	30	R1
Pyrene	ug/L	ND	50	50	48.2	52.7	96	105	40-143	9	30	
2,4,6-Tribromophenol (S)	%						85	105	10-144			
2-Fluorobiphenyl (S)	%						86	93	10-130			
2-Fluorophenol (S)	%						50	75	10-130			
Nitrobenzene-d5 (S)	%						88	96	10-144			
Phenol-d6 (S)	%						41	72	10-130			
Terphenyl-d14 (S)	%						109	123	34-163			

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

QC Batch: 571937
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E 3511 Low Volume PAH SIM
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005, 92498978006, 92498978007, 92498978008, 92498978009, 92498978010, 92498978011, 92498978012

METHOD BLANK: 3029356 Matrix: Water
Associated Lab Samples: 92498978001, 92498978002, 92498978003, 92498978004, 92498978005, 92498978006, 92498978007, 92498978008, 92498978009, 92498978010, 92498978011, 92498978012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)pyrene	ug/L	ND	0.10	0.0090	10/11/20 12:06	
2-Fluorobiphenyl (S)	%	85	61-163		10/11/20 12:06	
Nitrobenzene-d5 (S)	%	83	67-170		10/11/20 12:06	
Terphenyl-d14 (S)	%	92	62-169		10/11/20 12:06	

LABORATORY CONTROL SAMPLE: 3029357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)pyrene	ug/L	2.5	2.9	114	70-130	
2-Fluorobiphenyl (S)	%			121	61-163	
Nitrobenzene-d5 (S)	%			121	67-170	
Terphenyl-d14 (S)	%			132	62-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029358 3029359

Parameter	Units	92498978012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzo(a)pyrene	ug/L	ND	2.5	2.5	2.8	2.7	113	107	50-165	5	30	
2-Fluorobiphenyl (S)	%						119	116	61-163			
Nitrobenzene-d5 (S)	%						124	124	67-170			
Terphenyl-d14 (S)	%						127	124	62-169			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

Pace Analytical Services, LLC
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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER BRAMLETTE J20100208
Pace Project No.: 92498978

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92498978001	**SW-1_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978002	**SW-2_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978003	**SW-3_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978004	**SW-4_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978005	**SW-5_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978006	**SW-6_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978007	**SW-7_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978008	**SW-8_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978009	**SW-9_WS_20201005**	EPA 3510C	572451	EPA 8270E	572580
92498978010	**SW-10_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978011	**SW-11_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978012	**SW-12_WS_20201005**	EPA 3510C	571981	EPA 8270E	572070
92498978001	**SW-1_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978002	**SW-2_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978003	**SW-3_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978004	**SW-4_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978005	**SW-5_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978006	**SW-6_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978007	**SW-7_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978008	**SW-8_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978009	**SW-9_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978010	**SW-10_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978011	**SW-11_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978012	**SW-12_WS_20201005**	EPA 3511	571937	EPA 8270E by SIM	572259
92498978001	**SW-1_WS_20201005**	EPA 8260D	571603		
92498978002	**SW-2_WS_20201005**	EPA 8260D	571603		
92498978003	**SW-3_WS_20201005**	EPA 8260D	571603		
92498978004	**SW-4_WS_20201005**	EPA 8260D	571603		
92498978005	**SW-5_WS_20201005**	EPA 8260D	571603		
92498978006	**SW-6_WS_20201005**	EPA 8260D	571626		
92498978007	**SW-7_WS_20201005**	EPA 8260D	571626		
92498978008	**SW-8_WS_20201005**	EPA 8260D	571626		
92498978009	**SW-9_WS_20201005**	EPA 8260D	571626		
92498978010	**SW-10_WS_20201005**	EPA 8260D	571626		
92498978011	**SW-11_WS_20201005**	EPA 8260D	571626		
92498978012	**SW-12_WS_20201005**	EPA 8260D	571626		
92498978013	**TB-01_WQ_20201005**	EPA 8260D	571626		

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Sytera

Project #: WO# : 92498978

92498978

Courier: ☐ Commercial ☐ Fed Ex ☐ Pace ☐ UPS ☐ USPS ☐ Other: ☑ Client

Custody Seal Present? ☑ Yes ☐ No Seals Intact? ☑ Yes ☐ No

Date/Initials Person Examining Contents: ZT 10.07.20

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 92T061

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 5.4 Correction Factor: Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 5.4

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No
Did samples originate from a foreign source (Internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottle

Project # **WO#: 92498978**

PM: KLH1 **Due Date: 10/13/20**

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																3		3									2		
2																3		3									2		
3																3		3									2		
4																3		3									2		
5																3		3									2		
6																3											2		3
7																3											2		3
8																3											2		3
9																3											2		3
10																3											2		3
11																3											2		3
12																3											2		3

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # **WO# : 92498978**

PM: KLH1 Due Date: 10/13/20

CLIENT: 92-Duke Ener

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SPZT-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																2													
2																													
3																													
4																													
5																													
6																													
7																													
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10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 of 2

Section A — Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	
Phone:	Fax:
Requested Due Date:	

Section B — Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C — Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754-13

Regulatory Agency: —

State / Location: SC

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 Mini Bisulfate 5035 kit	8270 SVOC	8260 MS/MSD	8270 MS/MSD	Trip Blank-8260	8260	8270	Residual Chlorine (Y/N)	92498478
1	SW-1_WS_20201005	WT	G	10/5/20	1400	—	—																		6	2		
2	SW-2_WS_20201005	WT	G	10/5/20	1245	—	—																		6	2		
3	SW-3_WS_20201005	WT	G	10/5/20	1315	—	—																		6	2		
4	SW-4_WS_20201005	WT	G	10/5/20	1345	—	—																		6	2		
5	SW-5_WS_20201005	WT	G	10/5/20	1230	—	—																		6	2		
6	SW-6_WS_20201005	WT	G	10/5/20	1215	—	—																		6	2		
7	SW-7_WS_20201005	WT	G	10/5/20	1145	—	—																		6	2		
8	SW-8_WS_20201005	WT	G	10/5/20	1125	—	—																		6	2		
9	SW-9_WS_20201005	WT	G	10/5/20	1115	—	—																		6	2		
10	SW-10_WS_20201005	WT	G	10/5/20	1015	—	—																		6	2		
11	SW-11_WS_20201005	WT	G	10/5/20	1050	—	—																		6	2		
12	SW-12_WS_20201005	WT	G	10/5/20	1040	—	—																		6	2		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Tom King	10/6/20	1205	Pace	10.6.20	1205	
	Pace	10.10.20	1250	A.Ruder/PACE/AVL	10-6-20	1450	
	A.Ruder/PACE/AVL	10-6-20	1830	John King PACE AVL	10.6.20	1830	5.4 Y Y Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER: [signature]

DATE Signed: 10/6/20

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5.4	Y	Y	Y

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 2 of 2

Section A
Required Client Information:

Company:	Synterra
Address:	148 River street
	Suite 220, Greenville, SC 29601
Email:	
Phone:	Fax
Requested Due Date:	

Section B
Required Project Information:

Report To:	Tom King
Copy To:	
Purchase Order #:	
Project Name:	Former Bramlette MGP Site
Project #:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote:	
Pace Project Manager:	kevin.herring@pacelabs.com,
Pace Profile #:	7754-13

Regulatory Agency:

State / Location: SC

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): 8260 Mini Bisulfate 5035 kit	8270 SVOC	8260 MS/MSD	8270 MS/MSD	Trip Blank-8260	8260	8270	Residual Chlorine (Y/N)	92498478
1	TB-01-WB-20201005	WT	6	10/5/20	1415	—																		2				
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10/6/20	1205	Race	10.6.20	1205				
	Race	10.6.20	1450	ARucker/PACE/AVL	10-6-20	1450				
	ARucker/PACE/AVL	10-6-20	1830	PACE Ltcl	10-6-20	1830	5.4	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Tom King

SIGNATURE of SAMPLER:

DATE Signed: 10/6/20

TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ATTACHMENT B

BORING LOGS AND DHEC 1903 FORMS

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-1

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/20/20
15.0 ft. Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-2

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-2B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 22.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 22.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-3

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-3A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-3B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-4

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-4A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-4B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
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City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-5

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-5A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-5B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-6

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-6A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.:
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
in. to ft. depth
in. to ft. depth
Height: Above ☐ Below ☐
Surface ft.
Weight lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Diam.:
Slot/Gauge: Length:
Set Between: ft. and ft.
ft. and ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
ft. after hrs. Pumping G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield:

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ft. to ft.
Effective size Uniformity Coefficient

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other
Depth: From ft. to ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ft. direction
Type
Well Disinfected ☐ Yes ☐ No Type: Amount:

18. PUMP: Date installed: Not installed ☐
Mfr. Name: Model No.:
H.P. Volts Length of drop pipe ft. Capacity gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-6B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 25.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 25.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-7

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/26/20 Date Completed: 10/26/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-7A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/27/20
20.0 ft. Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-78

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/27/20 Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-8

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/27/20 Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-8A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/27/20
20.0 ft. Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-8B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/27/20
20.0 ft. Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
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1. WELL OWNER INFORMATION:
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Address: 526 SOUTH CHURCH STREET
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Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-9

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/27/20 Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
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Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA1-SB-9A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/27/20
20.0 ft. Date Completed: 10/27/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: DAVID HALL **CERT. NO.:** 02301
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☑ D ☐ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: David Hall Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-1

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C

PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-1A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 17.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 17.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-2

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-2A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-3

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 19.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 19.0 ft. Date Started: 10/20/20 Date Completed: 10/20/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-3A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-3B

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-4

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-4A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-5

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 10/21/20
20.0 ft. Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
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City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-5A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
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City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-6

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) Level: A B C D (circle one) ☐ ☐ ☐ ☑
176 COMMERCE BLVD
STATESVILLE, NC 28625
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-6A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 20.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-7

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 17.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 17.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-7A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 18.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 18.0 ft. Date Started: 10/21/20 Date Completed: 10/21/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-8

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-8A

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 18.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 18.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA2-SB-9

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 15.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 15.0 ft. Date Started: 10/22/20 Date Completed: 10/22/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-3C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/09/20
5.0 ft. Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A B C D (circle one) ☐ ☐ ☐ ☑
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-4C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/09/20
5.0 ft. Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-5C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 5.0 ft. Date Started: 11/09/20 Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-6C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/09/20
5.0 ft. Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: DUKE ENERGY CAROLINAS, LLC (last) (first)
Address: 526 SOUTH CHURCH STREET
City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-7C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 5.0 ft. Date Started: 11/09/20 Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not Installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

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Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

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City: CHARLOTTE State: NC Zip: 28202
Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-8C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 5.0 ft. Date Started: 11/09/20 Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above ☐ Below ☐
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print) 176 COMMERCE BLVD STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 11/17/20

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
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Address: 526 SOUTH CHURCH STREET
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Telephone: Work: Home:

2. LOCATION OF WELL: SC **COUNTY:** GREENVILLE
Name: FORMER BRAMLETTE MGP
Street Address: 400 EAST BRAMLETT ROAD
City: GREENVILLE Zip: 29601
Latitude: 34° 51' 43.33" Longitude: 82° 25' 01.66"

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:** DA4-SB-9C

4. ABANDONMENT: ☑ Yes ☐ No
Grouted Depth: from 0.0 ft. to 5.0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
ABANDONED VIA CEMENT GROUT		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other DPT

7. PERMIT NUMBER: MW-12560

8. USE: SOIL BORING
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 5.0 ft. Date Started: 11/09/20 Date Completed: 11/09/20

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above ☐ Below ☐
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
____ ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type ____
Well Disinfected ☐ Yes ☐ No Type: ____ Amount: ____

18. PUMP: Date installed: ____ Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: JOHNNY HART, JR **CERT. NO.:** 02181
Address: (Print)
176 COMMERCE BLVD
STATESVILLE, NC 28625
Level: A ☐ B ☐ C ☐ D ☑ (circle one)
Telephone No.: 704-872-7686 Fax No.: 704-872-0248

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 11/17/20
Well Driller

If D Level Driller, provide supervising driller's name:
JASON MANTAK

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-1**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, clayey, black, non-cohesive, non-plastic.		2.5			
5			FILL; CLAY, silty, orange-red, cohesive, non-plastic, micaceous, minor sand, dry to moist. Increase in clay at 6' bls. HC odor.		4.5			- Borehole abandoned via neat cement grout
10			SAND, clayey, light gray, cohesive, medium plasticity. NAPL lense at 9.9' bls.					
			CLAY, lean, red, cohesive, medium plasticity, dense. NAPL lense at 11.8' bls.				2.5	
			CLAY, lean, dark gray, cohesive, medium plasticity, dense. NAPL lense at 12.1' and 12.5' bls.				77.4	
			SAPROLITE, orange staining at 14-14.5' bls, salt & pepper coloration with relic structures, mottled, sandy, micaceous.				8.5	
15			Boring Terminated @ 15' bls.				1.2	
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Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-1A**
PROJECT NO: 1026.800	STARTED: 10/20/20 COMPLETED: 10/20/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 15.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: L. Drago CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, clayey, black, non-cohesive, non-plastic, dry. Coal slag @ ~3' bls.		2.5			
5		FILL; CLAY, silty, orange-red, micaceous, dense, cohesive, low to non plastic, damp.					- Borehole abandoned via neat cement grout
10		SAND, clayey, light gray, stiff, cohesive, medium plasticity. NAPL lense at 9.9' bls.				11.2	
		CLAY, silty, orange-red, stiff, micaceous, cohesive, non-plastic. Black fill-like material @ 10-11' bls.					
		SAND, clayey, light gray, stiff, cohesive, medium plasticity.				17.9	
		CLAY, lean, dark gray, stiff, dense, cohesive, medium plasticity. NAPL lense at 12.75' bls.				15.9 4.9	
15		SAPROLITE; SAND, salt & pepper coloration with orange staining, dense, loose, non-cohesive. Boring terminated @ 15' bls.				3.2 1.4	
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-2**
PROJECT NO: 1026.800	STARTED: 10/20/20 COMPLETED: 10/20/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 20.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: L. Drago CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, dense, friable, dry. Coal slag at 1' bls.					
5			FILL; CLAY, silty, orange-red, dense, cohesive, non-plastic. Increase in sand content with depth.					
			SAND, clayey, orange-tan, fine-grained, micaceous, cohesive, non-plastic, damp. Potential fill material.					
10			CLAY, sandy; dark gray, cohesive, high plasticity.					- Borehole abandoned via neat cement grout
			SAND, clayey, orange-tan, some gray, cohesive, non-plastic, wet.		4.0			
15			SAND, clayey, dark gray, non-cohesive, non-plastic.					
			CLAY, light gray, cohesive, non-plastic, loose, minor sand, wet.					
			SAND with CLAY; light gray to tan, medium grained, non-cohesive, non-plastic.					
			GRAVEL, sandy, orange-brown, subrounded to rounded.					
20			SAPROLITE; salt & pepper and tan/orange, relic schistose structure, garnet, micaceous.					
			Boring terminated @ 20' bls.					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-2A**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 22.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, dry.					
5			FILL; CLAY, silty, orange-red, micaceous, minor sand, cohesive, medium plasticity, moist. Transitions to damp/wet at ~7' bls.					
10			CLAY, sandy, tan, cohesive, non-plastic, wet.					Borehole abandoned via neat cement grout
			CLAY, bluish gray, dense, cohesive, plastic, wet. NAPL lense at 13.8' and 14.0' bls. HC odor.				16.2	
15			CLAY with SAND; dark gray, dense, cohesive, non-plastic, wet.				1.7	
			SAND, tan/grey, medium grained, well-sorted, loose.		3.8		0.6	
			SAND, dark orange/brown, coarse-grained, loose.					
20			SAPROLITE, sandy, white, minor relic structure. Last 3" of run are dark gray and black/white.					
			Boring terminated @ 22' bls.					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-3**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, dark brown, cohesive, non-plastic, dry.		4.0			
		FILL; SILT, red, cohesive, non-plastic, dry. GRAVEL, black, clinker and unspent coal, moist.					
5		SAND, tan to dark brown, medium to coarse grained, wet. Transitions to black coloring at ~8' bls.		4.0		0.5	
		CLAY, silty, light gray, cohesive, medium plasticity, some trace sand, HC odor.				0.9	
10		SAND, tan brown, coarse grained, no odor detected.				0.8	- Borehole abandoned via neat cement grout
		SAND, clayey, medium gray, cohesive, low plasticity, HC odor.				0.9	
		CLAY, light gray, dense, high plasticity, HC odor.				7.0	
15		CLAY, silty, brown, medium plasticity, slight HC odor.				3.7	
		CLAY, silty, tan/orange, cohesive, low plasticity, no odor detected. SAND, silty, tan/orange, fine-grained, non-cohesive. SAND, tan/orange, coarse, non-cohesive.					
		SAPROLITE; sandy/silty, mottled, relic fabric.					
20		Boring terminated @ 20' bls.					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-3A**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, orange-brown, friable, dense, non-cohesive, dry. Coal slag cobble and wood debris present.		4.0			
5			FILL; SAND, black, coarse grained, angular, minor clay. Clinkers and wood debris present.					
			CLAY, light gray-tan, dense, cohesive, high plasticity. Increase in sand content at 9.5' bls.		3.0			
10			Cont.					- Borehole abandoned via neat cement grout
			CLAY, light gray, very stiff, dense, cohesive, high plasticity, micaceous. Gradational lower contact; thin fine-grained sand lense (~1") at 14.25' bls.		3.5			
15			CLAY, dark gray to black, cohesive, plastic, micaceous. Increase in mica with depth.					
			SAPROLITE; tan/brown with orange staining, non-cohesive, non-plastic, highly micaceous.					
20			Cont. - except relic schistose structures, minor foliations. Boring terminated @ 20' bls.					
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PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-3B**
PROJECT NO: 1026.800	STARTED: 10/22/20 COMPLETED: 10/22/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 20.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL: SILT, sandy, dark brown, friable, non-cohesive, non-plastic, dry.		3.0			
		FILL; SAND, silty, with interbedded red SILT; medium to fine grained, mottled red/orange/white, non-cohesive, dry. Red silt is very hard.					
5		FILL cont.					
		SAND, dark brown, medium to coarse grained, trace fines, wet.		3.0			
		CLAY, silty, light to medium gray with orange streaks, medium plasticity, slight HC odor.					
10		Cont. - except trace sand. NAPL lense at ~12' bls.				2.2	- Borehole abandoned via neat cement grout
		CLAY, light gray, very stiff , high plasticity.		3.0		3.6	
		SAND, silty, gray, medium to fine grained.					
		CLAY, silty, dark brown, medium plasticity, micaceous.				1.6	
15		CLAY, silty, tan/orange, low plasticity, trace sand.		3.0			
		SAND, tan/orange, fine-grained sand grades to coarse grained (~6" of coarse sand sits above saprolite).					
		SAPROLITE; mottled, relic fabric, micaceous.					
20		Boring terminated @ 20' bls.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-4**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, clayey, orange-red, non-cohesive, micaceous, dry. Wood debris and concrete debris at 4-5' bls. Moist at ~4' bls.		2.0			
5			Cont. - except increased amounts of wood debris.		3.0			
			CLAY, black, cohesive, little to no plasticity, wet. Coal slag/unspent coal @ top of contact.					
			CLAY, dark gray/tan, plastic, stiff, micaceous, wet.					
10			CLAY, silty, gray blue, cohesive, non-plastic. Tar blebs (lens) @ 13.5' bls, sheen, HC odor.		3.0		5.8	- Borehole abandoned via neat cement grout
			CLAY, gray, stiff, micaceous, cohesive, plastic, wet.				1.7	
15			SILT, dark gray-blue, highly micaceous, non-cohesive, non-plastic.					
			SILT, tan-orange-brown, highly micaceous, non-plastic, non-cohesive. Increase in sand content with depth, increase in orange staining with depth. Minor relic stucture.				0.6	
20			SAND, gravelly, orange-brown, coarse grained, fines downwards, well sorted to poorly sorted, subangular.					
			SAPROLITE; SILT, sandy, mottled tan/white/black with orange staining, folation apparent, small clast of parent rock, micaceous.					
25			Boring terminated @ 25' bls.					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-4A**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; Clayey SILT; orange-red, friable, non-cohesive, non-plastic, dry.		2.5			
5			FILL: SILT, brown, friable, non-cohesive, non-plastic, wood debris, dry.		2.5			
			CLAY; black (8.5-9'), tan-gray (9-10'), cohesive, plastic, wet. Coal slag present at 8.5-9' bls. Fine grained sand lens at 9-9.5' bls.					
10			Sandy SILT; gray-brown, non-cohesive, non-plastic, micaceous. HC odor.					
			CLAY; dark gray, soft, cohesive, non-plastic, micaceous.					- Borehole abandoned via neat cement grout
			CLAY; light gray-blue. Increase in sand content with depth. Tar bleb (lens) @ 13.5' bls.				6.8	
15			CLAY; gray, stiff, cohesive, plastic, highly micaceous.				0.2	
			SILT; tan, highly micaceous, orange-staining, minor sand at 19.5' bls.					
20			SAND; coarse, poorly sorted, angular to subangular, few cobbles.					
			SAPROLITE; clayey silt, mottled brown/tan/white, relic structure (foliation), micaceous.					
25			Boring terminated @ 25' bls.					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-4B**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, red/orange, cohesive, non-plastic, dry.		2.0			
5			FILL; SILT, sandy, with wood debris, dark brown, non-cohesive, non-plastic, moist.		2.0			
			SAND, clayey, black, non-cohesive, wet. Gravel sized clinkers/unspent coal present (~6" layer).					
10			CLAY, silty, dark gray, cohesive, medium plasticity.		0.0			Borehole abandoned via neat cement grout
15			SAND, tan/orange, medium grained, non-cohesive, slight HC odor. NAPL covered grains at 16' bls.					
			SAND, silty, gray, fine grained, micaceous, non-cohesive.					
20			SAND; orange to light tan, coarse-grained, non-cohesive.					
			SAPROLITE; SAND/SILT, mottled orange/tan, salt & pepper coloration, relic fabric.					
25			Boring terminated @ 25' bls.					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-5**
PROJECT NO: 1026.800	STARTED: 10/26/20 COMPLETED: 10/26/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 25.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	PID (ppm)	WELL CONSTRUCTION
		FILL; SAND, light gray/tan, medium grained, poorly sorted, non-cohesive, dry.				
		FILL; SAND, gravelly, light brown/orange/black, friable, wood debris, dry.		3.0		
5		Cont. - except large root encountered at ~9-10' bls.		2.0		
10		SAND with GRAVEL, silty, light tan/orange, gravel consists of red brick, glass, and wood debris, wet.				
		CLAY, silty, dark gray, trace sand, cohesive, non-plastic, slight HC odor.				
		CLAY, silty, light gray, micaceous, low plasticity. Transitions to more clay with depth.				- Borehole abandoned via neat cement grout
15		CLAY, sandy, medium gray, low plasticity. Tar bleb (lens) at 14.5' bls.			3.9	
		CLAY, light gray with tan streaks, fat, medium to high plasticity.				
		CLAY, silty, gray, micaceous, low plasticity.				
20		SAND, silty, gray, micaceous, cohesive, non-plastic.			3.8	
		SAND, brown/tan, coarse grained, non-cohesive, some gravel at ~22.5' bls. Slight sheen, slight HC odor. NAPL coated grains @ 22' bls.				
		SAPROLITE; mottled, relic fabric.				
25		Boring terminated @ 25' bls.				

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-5A**
PROJECT NO: 1026.800	STARTED: 10/26/20 COMPLETED: 10/26/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 25.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, red/orange from 3-3.5' bls, dark brown to light tan for the rest of run, non-cohesive, dry. Plant material and wood debris throughout.		3.0			
5			Cont. - Asphalt at ~9' bls.		2.0			
10			CLAY, sandy, dark gray, non-cohesive, some organics, wet. Gravel sized coal piece at 11' bls.					
			CLAY, silty, light brown/tan, cohesive, slighty micaceous. Increase in sand content with depth.					- Borehole abandoned via neat cement grout
15			CLAY, sandy, light gray, some orange streaks, cohesive, low plasticity, sand grains are medium sized.					
			CLAY, light gray and orange/tan, fat, micaceous, high plasticity.		4.5			
			SILT, sandy, gray, micaceous, cohesive, low plasticity, sand grains are fine.					
20			SAND, light tan, coarse grained, non-cohesive.					
			SAPROLITE; relic structures, weathered mica pocket at 24.5' bls.					
25			Boring terminated @ 25' bls					

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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-5B**
PROJECT NO:	1026.800	STARTED: 10/26/20	COMPLETED: 10/26/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, 6" red SILT layer at 3-3.5' and 4-4.5' bls, organic material throughout, friable, dry.		2.5			
5		Cont. - Wood debris at 9.5' bls.		2.0			
10		SAND, silty, black, non-cohesive, strong HC odor, wet. Wood debris at 9.5' bls.				4.3	
		SAND, gravelly, tan/gray, some organics, non-cohesive, slight HC odor.		2.0			- Borehole abandoned via neat cement grout
		CLAY; dark gray, medium plasticity, strong HC odor, trace silt. Coal tar blebs (lense) throughout interval 13.5-15.0' bls.				46.3	
15		CLAY, silty, dark gray, medium plasticity, HC odor, sheen on surface. Tar blebs at ~17' bls.				69.7	
		CLAY, sandy, medium gray, cohesive, low plasticity, HC odor, micaceous, wood material at 18' bls.				33.5	
		SAND, silty, orange/tan, fine grained, slighty cohesive, no HC odor detected.				2.9	
20		SAND, orange/tan, coarse grained, non-cohesive.				1.8	
		SAPROLITE; mottled, relic structure/fabric.					
25		Boring terminated @ 25' bls.					

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PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-6**
PROJECT NO: 1026.800	STARTED: 10/26/20 COMPLETED: 10/26/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 25.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, red silt layer @ 2.5' bls (~6") and 4.5' bls (~2"). Rest of run is interbedded with organic material (wood), concrete, and reworked fill, friable, non-cohesive, red/tan/black, dry.		3.0			
5			Cont. - except black, HC odor, wet. 4" of wood debris at ~7.5' bls.		1.5			
			CLAY, lean, dark gray, low to medium plasticity.					
10			CLAY, tan/brown, micaceous, medium plasticity.		0.0			- Borehole abandoned via neat cement grout
15			SAND, silty, silver, micaceous, fine-grained, non-cohesive, strong HC odor.		1.5		3.5	
20			SAND, light tan/some orange, coarse grained, subangular, slight odor. Grades into a gravel at ~ 20' bls.					
			SAPROLITE; salt & pepper coloration, relic foliation, transitions to orange staining and mottled at 23.5' bls.					
25			Boring terminated @ 25' bls.					

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148 River Street, Suite 220
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Phone: 864-421-9999

CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-6A**
PROJECT NO:	1026.800	STARTED: 10/26/20	COMPLETED: 10/26/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, with interbedded layer of wood at ~4' bls (~1").		2.0			
5			FILL; Cont. - except with interbedded layers of wood, concrete, and brick debris, wet. Wood @ 8.5-9' bls (~6"). Concrete @ ~8' bls (~1"). Red brick @ 9-10' bls.		1.5			
10			SAND, silty, silver/gray, micaceous, fine-grained, non-cohesive, slight HC odor.		1.0			- Borehole abandoned via neat cement grout
15			SAND, tan/orange, coarse grained, subangular, poorly sorted, non-cohesive, no HC odor detected.		0.0			
20			SAPROLITE; salt & pepper coloration, relic folation throughout.					
25			Boring terminated @ 25' bls.					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-6B**
PROJECT NO:	1026.800	STARTED: 10/26/20	COMPLETED: 10/26/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 25.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, light gray/tan/brown, friable, some hard silt nodules, dry. 6" red silt layer at ~4' bls.		1.5			
		FILL; SILT, sandy, dark brown, non-cohesive. Wood material @ 4.75' bls. Hard red silt at end of run, moist.					
5		Cont. - Red brick @ 8.5' bls (~2"). Wood material @ ~9' bls (~2").		2.5			
		SAND, silty, black, non-cohesive, HC odor.				1.6	
10		CLAY, brown, micaceous, medium plasticity, some trace silt.					
		CLAY, gray, medium plasticity, slight HC odor.		2.5		1.1	- Borehole abandoned via neat cement grout
		CLAY, gray with black streaks, medium to high plasticity, slight HC odor. Tar blebs (lenses) within 13-15' bls interval.				0.9	
15		SAND, silty, gray/silver, micaceous, non-cohesive. Tar blebs (lenses) and NAPL coated grains at 17.5' bls. HC sheen/odor.		3.0		2.3	
		SAND, light gray, fine to medium grained, non-cohesive, slight HC odor.					
20		SAND, tan/orange, coarse grained, non-cohesive, no HC odor detected.					
		SAPROLITE; 6" of salt & pepper coloration then transitions to orange staining/mottling, relic fabric throughout.					
25		Boring terminated @ 25' bls.					

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-7**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SAND, silty, tan/gray, fine grained, non-cohesive, dry.		3.0			
5		FILL; SILT, sandy, red to dark brown, interbedded concrete and root/wood debris, dry. 6" of hard silt at ~4' bls. Gravel sized asphalt and coal at 3-4 bls.		0.0			
10		CLAY, silty; dark gray, micaceous, low to medium plasticity, no HC odor detected.		0.0			- Borehole abandoned via neat cement grout
15		SAND, gray/tan, medium to coarse grained, some silt @ 17.5' bls.		4.0			
		SAPROLITE; salt & pepper coloration, relic fabric, staining at 19.5' bls.					
20		Boring terminated @ 20' bls.					
25							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-7A**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, light brown, non-cohesive, few gravel sized quartz, dry.					
		Cont. - except red silt layer, ~6" of interbedded organic material @ 3' and 4' bls, 6" of white silt at end of run. White silt is hard, difficult to break, dry.		3.0			
5		SILT, black, wood debris present, wet.		1.0			
10		CLAY, silty, light to dark gray, some orange/tan streaks, micaceous, medium plasticity, slight HC odor.		1.5			- Borehole abandoned via neat cement grout
15		SAND, tan, medium to coarse grained, subangular, no HC odor detected.		4.0			
		SILT, sandy, silver/gray, micaceous, cohesive, non-plastic.					
		SAND, tan, coarse grained, subangular.					
		SAPROLITE; salt & pepper coloration, relic fabric, staining.					
20		Boring terminated @ 20' bls.					
25							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-7B**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT with GRAVEL, sandy, red to brown to black, gravel fill at top of run, interbedded wood debris at 4' bls (~6") and at end of run (~4"), moist at 5" bls.		3.0			
5			SILT, light brown, micaceous, cohesive, low plasticity.		1.0			
10			CLAY, light gray with slight blue hue, micaceous, medium to high plasticity.		4.0			- Borehole abandoned via neat cement grout
15			CLAY, silty, light gray/silver, micaceous, trace fine sand, cohesive, low plasticity.					
			SAND, silty, gray/silver, micaceous, cohesive, non-plastic.					
			SAND, stained orange, coarse grained.					
			SAPROLITE; salt & pepper coloration, relic fabric.					
20			Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-8**
PROJECT NO: 1026.800	STARTED: 10/27/20 COMPLETED: 10/27/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 20.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SAND, gravelly, light gray/tan, fine-grained, non-cohesive, dry.		3.0			
			FILL; SILT, sandy, reddish brown to brown, friable, non-cohesive, moist.					
5			CLAY, silty, dark gray, cohesive, low plasticity, slight HC odor.		3.0			
			SILT, sandy, tan/light brown, very micaceous, non-cohesive.					
10			CLAY, lean, reddish tan, micaceous, low plasticity. Wood debris layer at ~9.5' bls (~2").		0.0			- Borehole abandoned via neat cement grout
15			SAND, gray/tan, micaceous, fine-grained, non-cohesive.		2.5			
			SAPROLITE; staining until ~19' bls, then white and black coloration, relic fabric.					
20			Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA1-SB-8A**
PROJECT NO: 1026.800	STARTED: 10/27/20 COMPLETED: 10/27/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 20.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: W. Prater CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SAND, gravelly, light tan, fine to medium grained, non-cohesive, dry.		2.5			
			FILL; SILT, sandy, orange/red to brown, non-cohesive, moist. Red silt layer (~2") at 4' and 5' bls, hard.					
5			CLAY, silty, dark brown, micaceous, low plasticity, few organics (wood).		1.0			
10			SAND, silty, gray/silver, micaceous, fine-grained, cohesive, non-plastic.		2.5			- Borehole abandoned via neat cement grout
15			SAND, gray/tan, coarse grained, some organic material.					
			SAND, silty, gray, micaceous, fine grained, non-cohesive.		4.0			
			SAND, light tan, very coarse grained.					
			SAPROLITE; salt & pepper coloration, relic fabric.					
20			Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-8B**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	RECOV. (FT)
		FILL; SAND, gravelly, light brown, fine grained, non-cohesive, some organics, dry.	2.5
		FILL; SILT, sandy, with ceramic and wood material, dark brown/black, red silt layer @ end of run (~1"), moist.	
5		SILT, dark brown, micaceous, cohesive, non-plastic.	2.5
		SAND, silty, tan, very micaceous, non-cohesive.	
		CLAY, lean, orange tan, micaceous, low plasticity.	
10		CLAY, sandy, dark gray, micaceous, cohesive, low to medium plasticity.	4.0
		CLAY, gray, micaceous, medium to high plasticity.	
		SAND, light tan/orange, fine grained, non-cohesive, micaceous.	
15		Cont. - fine grained sand grades to coarse-grained at ~18' bls.	4.0
		SAPROLITE; mottled, staining, relic fabric.	
20		Boring terminated @ 20' bls.	
25			

WELL CONSTRUCTION: Borehole abandoned via neat cement grout

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-9**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SAND, gravelly, tan, medium grained, gravel sized concrete, non-cohesive, dry. 1" red silt layer at ~3' bls.		2.5			
		FILL; SILT, sandy, dark brown, non-cohesive, slight HC odor, wet. Wood layer at 4' bls (~4"). Gravel sized concrete and red brick at end of run. More wood debris at end of run.				4.8	
5		SAND, silty, tan/orange, micaceous, non-cohesive.		4.0			
		CLAY, light brown to gray with black streaks of organics, medium plasticity, micaceous.					
10		SILT, sandy, gray/silver, micaceous, cohesive, non-plastic.		1.5			- Borehole abandoned via neat cement grout
15		SAND, light tan/orange, fine grained but grades to coarse grained at 17.5-18' bls, non-cohesive.					
		SAPROLITE; some staining at 18' bls; rest of run is white and black, relic fabric throughout.					
20		Boring terminated @ 20' bls.					
25							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA1-SB-9A**
PROJECT NO:	1026.800	STARTED: 10/27/20	COMPLETED: 10/27/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	RECOV. (FT)
		FILL; SAND, gravelly, light tan, non-cohesive, dry.	2.5
		FILL; SILT, sandy, dark brown, non-cohesive, dry. Red silt layer (~4") at 3.5' bls.	
		FILL; SILT, black, wood debris, no HC odor detected.	
5		SAND, silty, light brown, micaceous, fine-grained, non-cohesive.	0.5
10			0.0
15		SAND, light tan to gray, coarse grained, non-cohesive.	4.0
		SAPROLITE; some staining at ~17' bls, rest of run is white and gray, some relic fabric.	
20		Boring terminated @ 20' bls.	
25			

WELL CONSTRUCTION: Borehole abandoned via neat cement grout

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-1**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, dense, compacted, friable, non-cohesive, dry. Coal slag at 2.5' bls.		4.0			
			FILL; CLAY with SAND, silty, orange-red, micaceous, cohesive, non-plastic, dry.					
5			FILL; SILT, black, dense, compacted, friable, non-cohesive, dry.					
			CLAY with sand/gravel, orange-red, cohesive, non-plastic, moist/wet.					
			CLAY, light gray, cohesive, high plasticity, dense.					
			CLAY, sandy, light gray/orange mottling, dense, slightly cohesive, non-plastic.					
10			Cont. - organic staining at 12.5' bls.		2.5			- Borehole abandoned via neat cement grout
15			CLAY, dark gray, dense, cohesive, high plasticity, wet.					
			SAND, clayey, light gray, cohesive, non-plastic, wet.					
			SAPROLITE; tan/orange staining, non-cohesive, non-plastic. Schistose structure at 18-19' bls, micaceous. Clayey sand, white, granitic at 19-20' bls.					
20			Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-1A**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 17.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, non-cohesive, non-plastic, dense, friable, dry. Coal slag at 1' bls.					
5			CLAY with SAND, silty, orange-red, micaceous, dry to damp. Increase in sand content at bottom of unit.					
					4.0			
10			CLAY, sandy, tan, dense, cohesive, high plasticity, wet. Tan grades to light gray at 8.5' bls.					- Borehole abandoned via neat cement grout
			CLAY, dark gray, dense, cohesive, high plasticity, wet. Light gray lense at 12.5' bls.					
			CLAY, sandy, light gray, cohesive, medium plasticity, micaceous.					
15			SAPROLITE; salt & pepper coloration, orange staining, non-cohesive, non-plastic, relic schistose structure at 14.9' bls.					
			Boring terminatd @ 17' bls.					
20								
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA2-SB-2**
PROJECT NO: 1026.800	STARTED: 10/20/20 COMPLETED: 10/20/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 15.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: L. Drago CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, clayey, black, non-cohesive, non-plastic, dry.		4.5			
5		FILL; CLAY, silty, orange-red, cohesive, non-plastic, minor sand, micaceous, dry. Black layer at 5-6' bls (same as in 0-2.5' interval).					
10		SAND, clayey, light gray, cohesive, medium plasticity, HC odor, tar bleb (lense) present throughout.				9.9 30.3	- Borehole abandoned via neat cement grout
		CLAY, dark gray, dense, cohesive, high plasticity.				44.5	
15		SAPROLITE; salt & pepper coloration, relic structure, orange and white mottling, micaceous, sandy/silty. Boring terminated @ 15' bls.					
20							
25							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-2A**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, clayey, black, micaceous, non-cohesive, dry.					
			FILL; CLAY, silty, orange-red with minor white, micaceous, cohesive, non-plastic, damp.					
5			Cont. - except HC odor.		4.0		0.6	- Borehole abandoned via neat cement grout
10			SAND, clayey, light gray, cohesive, medium plasticity. Lense of black material at 10.5-11' bls, similar to material in 0-3.5' interval.				0.5	
			CLAY, dark gray, dense, high plasticity.				0.2	
			SAPROLITE: salt & pepper coloration, orange staining, relic structure, mottling, sandy, micaceous, non-cohesive.					
15			Boring terminated @ 15' bls.					
20								
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-3**
PROJECT NO:	1026.800	STARTED: 10/20/20	COMPLETED: 10/20/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 19.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, dense, friable, dry.					
5			Cont. - except gradual increase in clay content, damp at ~8' bls.		4.0			
10			CLAY, sandy, red-orange, cohesive, non-plastic, micaceous, damp. Black clay at 10-11' bls. HC odor.					- Borehole abandoned via neat cement grout
			CLAY, red to light gray, cohesive, plastic, dense, wet.					
			CLAY, dark gray, cohesive, plastic, strong HC odor, NAPL coated grains at 12-12.75' bls.			■	52.1	
			SAND, light gray with orange staining, coarse grained, subrounded, well rounded , wet.				7.3	
15			SAND, orange-brown, well sorted, rounded, coarse grained, loose, wet.				0.2	
			SAPROLITE; tan to white/black, minor relic structure, sand, minor clay.					
			Boring terminated @ 20' bls.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-3A**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, black, friable, non-cohesive, dry. Minor coal slag at ~4-5' bls.					
5		Cont. - except increase in clay content.					
		FILL; CLAY, orange-red, cohesive, medium plasticity, minor sand, wet.					
						2.9	
						20.4	
10		CLAY, sandy, light gray, dense, cohesive, plastic, dense. Coal tar lense at 9.5 and 10.0' bls.				16.8	- Borehole abandoned via neat cement grout
						2.0	
		CLAY, sandy, dark gray, stiff, cohesive, plastic, wet.				0.1	
		SAND, light blue/gray, medium to coarse grained, well sorted, subrounded. Grades to tan/orange (staining).					
		SAND, tan to black (organics), coarse grained, sub-rounded, poorly sorted, some gravel.					
15		SAPROLITE; brown-tan, relic structure, mottled, silty sand. Increase in orange coloring with depth, more micaceous.					
20		Boring terminated @ 20' bls.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-3B**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black, friable, non-cohesive, dry.					
5			SILT, sandy, mottled white/black/red, saprolitic texture/structure.					
			SILT, sandy, black, non-cohesive, non-plastic, semi-friable, wet. Clinkers and unspent coal present. Red clay lense at 8' bls.					- Borehole abandoned via neat cement grout
10			CLAY, sandy, blue gray, cohesive, plastic, wet.					
			SILT, sandy, dark gray/black, loose, non-cohesive. Increase in clay content with depth. NAPL-coated grains at 11.0' bls.				139	
			SAND, gravelly, gray to tan/black, increase in grain size with depth. Thin clay lense (gray) near saprolite contact.					
			SAPROLITE; white, salt & pepper coloration, sandy, loose.					
15			Boring terminated @ 15' bls.					
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PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-4**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
5			FILL; SILT, sandy, black with orange mottling, non-cohesive, non-plastic. Clinkers at 6.5-7' bls.					
10			CLAY, sandy, light gray, cohesive, medium plasticity.					- Borehole abandoned via neat cement grout
			CLAY, light gray to white, cohesive, high plasticity, very stiff.					
15			CLAY, silty, dark gray, cohesive, medium plasticity.					
			SAPROLITE; mottled, relic metamorphic fabric.					
20			Boring terminated @ 20' bls.					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-4A**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, black with streaks of red and orange, friable, non-cohesive, non-plastic.					
5		Cont.		1.0		3.2	- Borehole abandoned via neat cement grout
10		CLAY, sandy, light gray, cohesive, low plasticity.					
		SAND, silty, gray, fine grained, cohesive, non-plastic.					
		SAND, tan to light gray, coarse grained, non-cohesive.					
		SAPROLITE; salt & pepper coloration, friable.					
15		Boring terminated at 15' bls.					
20							
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-5**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
0			FILL; SAND, silty, reddish brown with some orange mottling, saprolitic (rework), friable, non-cohesive, non-plastic.		3.8			
5								
			CLAY, sandy, light gray, cohesive, medium plasticity.					
10			CLAY, silty, light gray, cohesive, medium to high plasticity, very stiff.					- Borehole abandoned via neat cement grout
			CLAY, sandy, light tan/gray, cohesive, low plasticity.					
15			SAND, light gray to tan, medium to coarse grained, non-cohesive.					
			SAPROLITE; salt & pepper coloration, highly weathered, relic fabric.					
20			Boring terminated at 20' bls.					
25								

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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-5A**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, black brown, dense, friable, dry. Small lense of saprolitic-type fill. Coal slag at ~2' bls.					
5			CLAY, tan, minor sand, cohesive, high plasticity, damp. Gray clay lense at ~4' bls. Wet at~ 6' bls.					
			Cont. - less dense, wet. Color change to dark gray at 8.5' bls.					
10			SAND, clayey, light gray-blue, fine-grained, non-cohesive, wet.					- Borehole abandoned via neat cement grout
			SAND, tan-gray, fine-grained, well sorted, rounded, micaceous. Light gray/white at 13-14' bls with minor black.					
15			SAND, dark tan-orange, coarse grained, well-sorted, well rounded, micaceous.		0.0			
			SAPROLITE - similar to lithology of DA2-SB-5 (15-20' interval stuck in sampler).					
20			Boring terminated at 20' bls.					
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PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-6**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, sandy, black, dense, friable, non-cohesive, dry.		4.0			
		FILL; SILT, sandy, reddish-brown, micaceous, dense, friable, non-cohesive, dry.					
5		Cont.		3.0			
		SAND, black, coarse grained, poorly sorted, angular, loose, minor clay. Unspent coal at 8-9' bls. Sheen at 8.5-9.5' bls. Pooled NAPL from 8-9' bls. Strong HC odor.				5.4 18.5	
10		CLAY, dark gray/black, cohesive, plastic, minor sand. NAPL pools/sheen observed in 10-14.5' interval, but likely dragged down from upper unit.					- Borehole abandoned via neat cement grout
15		SAND, tan to gray, medium grained, well sorted, subrounded. Transitions to gray, coarse grained, well-sorted, subangular.					
		SILT, tan to gray, highly micaceous, non-cohesive, non-plastic. Cobbles at 19.5' bls.					
20		SAPROLITE; SAND, silty, white, orange staining, medium grained. Boring terminated at 20' bls.					
25							

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-6A**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	RECOV. (FT)	PID (ppm)
		FILL; SILT, dark brown with some orange streaks, cohesive, low plasticity, trace fine sand.		
5		SAND, silty, orange-tan, slightly mottled, saprolitic texture, non-cohesive, non-plastic.		
		Cont. - clay content increases with depth.	4.0	
10		CLAY, dark gray to black, dense, high plasticity, slight HC odor. Small tar blebs (lenses) at 12-14' bls.	4.0	2.2 1.2
		SILT, clayey, dark gray to black, cohesive, medium to low plasticity.		
15		SILT, sandy, brown/tan, cohesive, low plasticity. ~6" coarse grained sand layer at 17.5' bls.		
		CLAY, light gray, micaceous, medium plasticity.		
		SAPROLITE; SAND, clayey, tan with orange/red mottling, relic fabric.		
20		Boring terminated at 20' bls.		
25				

WELL CONSTRUCTION

- Borehole abandoned via neat cement grout

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-6B**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SILT, clayey, dark brown, cohesive, medium plasticity, dry.		3.0			
		FILL; SAND, silty, tanish red/orange, fine to coarse grained, saprolitic texture, non-cohesive.					
5		Cont.		3.0			- Borehole abandoned via neat cement grout
		CLAY, silty, dark gray/black, medium to high plasticity, slight HC odor.				0.6	
10		SAND, tan, coarse grained.					
		CLAY, silty, dark gray/black, micaceous, medium to high plasticity, HC odor.				1.1	
		SAPROLITE; CLAY, silty/sandy, tan/orange, slight relic fabric, non-cohesive.					
		SAPROLITE; white, relic fabric more pronounced.					
15		Boring terminated @ 15' bls.					
20							
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA2-SB-7**
PROJECT NO: 1026.800	STARTED: 10/21/20 COMPLETED: 10/21/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 20.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: L. Drago CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
5			FILL; SILT, sandy, reddish-brown, mottled with white, highly micaceous, non-cohesive, wet at 4' bls. Saprolite-like lense at ~8' bls. Large cobble at 8.5' bls.		3.5			
10			CLAY, gray, stiff, dense, cohesive, plastic, micaceous, HC odor.				6.1	- Borehole abandoned via neat cement grout
15			SAND, light gray, medium to coarse grained, well sorted, rounded. NAPL lense/coated grains @ 14' and 14.75' bls, heavy reddish sheen. Cobbles at 14.75' bls.		4.0		3.0 24.9	
20			SAPROLITE; SAND, silty, salt & pepper coloration, minor cobbles of parent rock (diorite), micaceous. Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-7A**
PROJECT NO:	1026.800	STARTED: 10/21/20	COMPLETED: 10/21/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 20.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, reddish-black, micaceous, minor clay, non-cohesive, damp.		4.0			
5			Cont. - except increase in sand content.		4.0			
							0.2	
10			CLAY, gray, stiff, high plasticity, wet. Slight HC odor at 9' bls.					- Borehole abandoned via neat cement grout
			SILT, clayey, dark gray, cohesive, low to non-plastic, increase in mica content.					
15			SAND, white to gray to black, fine grained, well sorted, rounded, highly micaceous, wet.					
			SAPROLITE; SAND, silty, salt & pepper, dense, relic structure/foliation, clasts of parent rock, micaceous.					
20			Boring terminated @ 20' bls.					
25								

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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT: Former Bramlette Road MGP Site	WELL / BORING NO: **DA2-SB-8**
PROJECT NO: 1026.800	STARTED: 10/22/20 COMPLETED: 10/22/20
DRILLING COMPANY: Geologic Exploration	NORTHING: EASTING:
DRILLING METHOD: Direct-Push	G.S. ELEV: ft MSL M.P. ELEV: ft MSL
BOREHOLE DIAMETER: 2 IN	DEPTH TO WATER: ft TOC TOTAL DEPTH: 15.0 ft BLS
NOTES: bls: below land surface	LOGGED BY: L. Drago CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		TOP SOIL					
		FILL; SILT, sandy, orange-red, micaceous, non-cohesive, non-plastic, occasional cobbles, damp. Wet at 4' bls, clay content increases with depth.		4.0			
5						16.9	
		CLAY, dark gray, lean, dense, cohesive, high plasticity, micaceous, wet. Tar blebs (lenses) throughout, HC odor.				15.2	- Borehole abandoned via neat cement grout
						9.9	
10		CLAY, gray, cohesive, low to non-plastic, increase in mica.				8.7	
						3.6	
		SILT, sandy, gray to tan, loose, micaceous, non-cohesive, wet.					
		SAND, black and white, medium to coarse grained, well sorted, sub rounded, wet.				0.8	
15		SAPROLITE; SILT with SAND, schistose structure, orange-staining, black and white at contact. Boring terminated @ 15' bls.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-8A**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 18.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: L. Drago	CHECKED BY: T. King

DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
			FILL; SILT, sandy, orange-red mottling, cobbles of schist, friable, micaceous, dry.					
5			SILT, clayey, tan orange, micaceous, non-cohesive, wet.					
			CLAY, dark gray, dense, cohesive, high plasticity, micaceous. Tar blebs (lenses) at 10' and 11.5' bls. HC odor.				2.3	- Borehole abandoned via neat cement grout
10							56.2	
			CLAY, light gray, lean, dense, cohesive, high plasticity, micaceous, sharp contact below.					
			SILT, gray, highly micaceous, non-cohesive, non-plastic.					
15			Cont. - except orange staining and tan, minor foliation/relic structures.					
			SAND, coarse grained, angular, minor hydrocarbon sheen.				2.3	
			SAPROLITE; SILT, black and white, relic foliation, sharp color contact, micaceous. Boring terminated @ 18' bls.					
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CLIENT: Duke Energy Carolinas, LLC.
PROJECT LOCATION: Greenville, SC

PROJECT:	Former Bramlette Road MGP Site	WELL / BORING NO:	**DA2-SB-9**
PROJECT NO:	1026.800	STARTED: 10/22/20	COMPLETED: 10/22/20
DRILLING COMPANY:	Geologic Exploration	NORTHING:	EASTING:
DRILLING METHOD:	Direct-Push	G.S. ELEV: ft MSL	M.P. ELEV: ft MSL
BOREHOLE DIAMETER:	2 IN	DEPTH TO WATER: ft TOC	TOTAL DEPTH: 15.0 ft BLS
NOTES:	bls: below land surface	LOGGED BY: W. Prater	CHECKED BY: T. King

DEPTH (ft)	USCS	DESCRIPTION	SAMPLE	RECOV. (FT)	VISUAL IMPACTS	PID (ppm)	WELL CONSTRUCTION
		FILL; SAND, silty, medium brown, fine grained, non-cohesive, dry.		1.0			
5		SAND, orange/tan, medium to coarse grained, non-cohesive, trace fines, wet.		3.0			- Borehole abandoned via neat cement grout
		CLAY, dark gray transitions to light gray at 9' bls, medium to high plasticity, slight HC odor.				1.2	
10						13.0	
		CLAY, silty, dark gray, micaceous, medium plasticity.				1.5	
		SAND, gray, medium to fine grained, non-cohesive. HC sheen, some NAPL coated grains, HC odor.				3.0	
		Cont. - except no visible NAPL. Sand grades to coarse sand and gravel at saprolite contact.				0.3	
		SAPROLITE; sandy/silty, relic fabric.					
15		Boring terminated @ 15' bls.					
20							
25							

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