

20395

WEST POINT HOME RECEIVED

DEC 18 2013

SITE ASSESSMENT, REMEDIATION & REVITALIZATION

December 13, 2013

Ms. Addie Walker, Hydrologist
Contamination Mitigation Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina

Subject: Submission of Source Area Soils Characterization Report
Former WestPoint Stevens (WPS) - Clemson Site #00895

Dear Ms. Walker:

Please find attached the following report - Source Area Soils Characterization. This report
presents results of source area soil sampling activities conducted at the WPS site earlier this year.

If you have any questions, please call me at 334-756-5541.

Sincerely,

Eddie Lanier (handwritten signature)

Eddie Lanier
Director - Environmental Department

c: Dr. Steve Webb - TRC
Mr. Dan Madison - TRC



Source Area Soils Characterization

WestPoint Home, Inc.
Clemson, South Carolina

December 2013



Source Area Soils Characterization

WestPoint Home, Inc.

Clemson, South Carolina

December 2013

*Prepared For
WestPoint Home, Inc.*

Handwritten signature of Michelle A. Hays in black ink.

Michelle A. Hays
Remediation Specialist

Handwritten signature of Steve W. Webb in black ink.

Steve W. Webb, Ph.D., P.E.
Senior Project Manager

Handwritten signature of Dan O. Madison in black ink.

Dan O. Madison, P.G.
Senior Project Hydrogeologist

TRC Environmental Corporation | WestPoint Home, Inc.
Source Area Soils Characterization – Clemson, South Carolina

\\NTAPA-GRNVILLE\GVL-VOL5\WPGVL\PJT2\205809\0001\R2058090001-001.DOCX



Table of Contents

Executive Summary	iii
1. Introduction.....	1
1.1 Site Background.....	1
1.2 Purpose	2
2. Collection of Subsurface Soil Samples.....	3
2.1 Soil Sampling Activities	3
2.1.1 Sampling Grid	3
2.1.2 Soil Boring Procedures	3
2.2 Field Screening	4
2.3 Soil Sampling.....	4
2.4 Investigation Derived Waste Disposal.....	4
3. Soil Boring Analyses	5
3.1 Upgradient Source Area Analyses.....	5
3.2 Downgradient Source Area Analyses	6
4. Conclusions and Recommendations.....	8

List of Tables

Table 1	Summary of Constituents Detected in Upgradient Sources Area Soils with RSLs
Table 2	Summary of Constituents Detected in Upgradient Sources Area Soils with SSLs
Table 3	Summary of Constituents Detected in Downgradient Sources Area Soils with RSLs
Table 4	Summary of Constituents Detected in Downgradient Sources Area Soils with SSLs

List of Figures

Figure 1	Location of Former WestPoint Home Site	16
Figure 2	Location of PCE Plumes	17
Figure 3	PCE Concentrations in <i>In Situ</i> Groundwater Samples and Select Wells.....	18
Figure 4	Soil Sampling Locations August 19 – September 6, 2013	19
Figure 5	Cross Sections A-A' and B-B'	20
Figure 6	Cross Sections C-C' and D-D'	21
Figure 7	Cross-Sections E-E', F-F', and G-G'	22

List of Plates

Plate 1	Soil PCE Concentrations, Shallower Interval (August 19 – September 6, 2013)
Plate 2	Soil PCE Concentrations Immediately above the Zone of Saturation (August 19 – September 6, 2013)

List of Appendices

Appendix A	Summary of Soil PID Screening Results
Appendix B	Soil Boring Logs
Appendix C	Laboratory Analytical Reports

Executive Summary

Site Background

The former WestPoint Home (WPH) facility in Clemson, South Carolina was previously located on West Cherry Road. The facility was closed in April 2006 and demolished during the period of 2008-2009. Environmental investigations previously conducted at the site have revealed the presence of two discrete volatile organic compound (VOC) plumes, each comprised primarily of tetrachloroethene (PCE). These plumes have become more commonly referred to as the “upgradient” VOC plume and the “downgradient” VOC plume.

TRC recently conducted a soil investigation at the site in an effort to discern possible sources of the VOCs identified in the upgradient and downgradient plumes. This technical report has been based upon the results of this recent sample collection and analysis event and involved assessment of soils from 88 borings to evaluate the presence and apparent distribution of VOC-impacted soils across these two VOC plumes.

Seventy three soil borings were advanced (on a 50-foot grid pattern) within the most likely source area of the upgradient plume. Similarly, 15 soil borings were advanced (on a 30-foot grid pattern) within the most likely source area for the downgradient plume. All soil borings were advanced to the observed zone of groundwater saturation, with soil samples collected continuously for VOC screening (at 1-foot intervals) using a photoionization detector (PID). Based upon PID readings, two soil samples were retained from each boring for subsequent laboratory analysis: one from just above the zone of groundwater saturation and the second at the interval exhibiting the highest PID reading. For those instances where no VOCs were detected, a soil sample was collected at the midpoint between land surface and the zone of groundwater saturation.

The results of TRC’s soils investigation can be summarized, as follows:

Upgradient Plume Source Area

PID readings across this portion of the site consistently indicated that VOCs, when present, were typically always highest within the deepest portion of the soil column. This observation was later confirmed by laboratory analytical results. Similarly, the highest PCE concentrations were also found in samples that had been collected just above the zone of groundwater saturation. TRC has interpreted this finding as an indication a smear zone resulting from the apparent rise and fall of VOC-impacted

groundwater. The observed distribution of PCE concentrations detected in the deeper soils of the site continues to correlate with the observed distribution of the upgradient PCE plume groundwater and the location of former underground piping. The data continues to suggest to TRC that site VOC releases in this area have occurred from underground process piping (removed during demolition activities). The soil investigation revealed no evidence of any surficial VOC releases or source areas.

Results from this soil investigation continue to indicate that the PCE-affected soil identified across the upgradient plume area appears to have resulted from contact with PCE-impacted groundwater and not as a consequence of surficial releases from historic plant infrastructure and/or production operations. TRC's conceptual site model for the ultimate source of the PCE present in the upgradient VOC plume remains the buried process piping that has since been removed.

Downgradient Plume Source Area

Low concentrations of PCE were detected in only two soil samples, both collected just above the zone of groundwater saturation. An underground sewer pipe, previously believed to be the source of release of VOCs for the downgradient VOC plume, was previously removed during prior site demolition activities. Results from TRC's soil investigation reveal no indications of any surficial releases that could be construed as possible PCE source areas within the area of the downgradient VOC plume.

Since there were no meaningful indications of remaining source areas for the PCE present in the upgradient plume and downgradient plume areas, TRC recommends that no further action be taken with regards to the subsurface soils in these areas. The groundwater appears to be the only transport medium affected by the PCE observed at the site.

Section 1

Introduction

1.1 Site Background

The former WPH facility is located on West Cherry Road near Clemson, South Carolina. The site location is shown on Figure 1. When in operation, the textile facility was used for the manufacturing of sheeting fabric. The facility was closed in April 2006 and purchased by a consortium of local businesspersons for future site development activities. The facility was demolished during the period of 2008-2009. Ongoing site development activities include construction of a large apartment complex for students enrolled in Clemson University's "Bridge Program" on the north side of West Cherry Road and a lakeside residential community on the south side of the road.

Environmental investigations previously conducted at the site have revealed the presence of two discrete VOC plumes, each comprised primarily of PCE. As depicted in Figure 2, these groundwater plumes appear to originate from different source areas within the former manufacturing complex and are migrating in a southeastwardly direction towards Lake Hartwell. The larger plume (outlined in green on Figure 2) is referred to as the "upgradient" plume and exhibits PCE concentrations that are generally less than 5 milligrams per liter (mg/L). This plume appears to originate near the southern end of the section of the manufacturing building that was constructed in 1959. The second plume (outlined in red on Figure 2) is referred to as the "downgradient" plume and is considerably smaller in areal extent. The concentrations of PCE observed in this plume are typically greater than what have been observed in the upgradient plume.

During the period of September 10, 2008 through October 9, 2008, WPH conducted a membrane interface probe (MIP) survey of these two plumes. The MIP data, in conjunction with historical groundwater quality data, indicated that underground releases were the most likely source of both the upgradient VOC plume (presumably emanating along the eastern edge of the original manufacturing building), and the downgradient plume (thought to have originated at a point near the former electrical switch yard (Figure 3)).

In January/February 2009, WPH conducted additional site investigations to further characterize and confirm these suspected VOC source areas. These source area confirmation activities included the collection and analysis of groundwater samples to assess VOC presence and concentration, and a series of exploratory trenches to determine if underground piping

associated with the former manufacturing complex represented a reasonable point of release for these suspected VOC source areas.

Generally, the trench excavations were inconclusive and did not reveal any signs of possible widespread VOC releases. In several locations, the exploratory trenches advanced by WPH revealed vapor readings indicative of VOCs in soil intervals corresponding to the observed depths of underground piping. VOCs were never encountered in the surface soils. These observations were consistent with the data collected during the MIP survey. At one location near the former facility laboratory, a small amount of sludge material was observed in the underground piping that exhibited the presence of VOC vapors. The underlying soils in this area also exhibited evidence of possible VOC-bearing materials. Based on this evidence, the underground piping of the former manufacturing facility represents the most likely source of the VOCs identified in the upgradient and downgradient plumes.

In most of the trench excavations, the highest observed PID readings (vapor readings indicative of elevated VOC concentrations), were observed near the bottom of the exploratory trenches near the seasonal high groundwater table. Historical groundwater data from existing site monitoring wells suggested that the increases in VOC concentrations observed near the bottom of the excavations could be reflective of a smear zone resulting from the rise and fall of VOC-impacted groundwater levels.

In May 2009, additional *in situ* groundwater samples were collected to more fully characterize the vertical distribution of VOCs near these suspected source areas. Analytical results from these *in situ* groundwater samples indicated that PCE concentrations within both plume areas were typically highest in the shallow portions of the water table aquifer. Groundwater quality generally improved with depth. The higher VOC concentrations were typically detected above a depth of approximately 60 feet below land surface (bls).

On March 20, 2013, WPH submitted to the Department a Workplan to investigate and more fully delineate the nature and extent of potential sources of VOC releases at the WPH site. The Department approved this Workplan on July 9, 2013.

1.2 Purpose

The purpose of this Soil Investigation Report is to accomplish the following:

- n Summarize the soil investigation activities, PID readings, and VOC analytical results.
- n Define the nature and extent of suspected VOC source area releases.

Section 2

Collection of Subsurface Soil Samples

This source area soil investigation was based upon recent sample collection and analysis of soils from borings to assess and evaluate the presence and extent of VOC-impacted soils at each of the two suspected VOC plume source areas. Field work was completed during the period of August 19 through September 5, 2013.

2.1 Soil Sampling Activities

2.1.1 Sampling Grid

At each of the two suspected source areas, soil borings were placed along a grid pattern as previously specified in the Workplan. The larger upgradient source area included a 50-foot grid spacing oriented to ensure that borings were situated near former pipe areas. Soil borings 101 through 176 were installed in the upgradient source area. Proposed soil borings SB-152, SB-161, and SB-172 were not drilled due to the presence of aboveground structures, and as such, these soil boring designations are absent from the tables and figures. The smaller, downgradient suspected source area utilized a 30-foot grid spacing centered along the former underground sewer pipe. These downgradient soil borings were identified as SB-201 through SB-215. These soil boring locations were adjusted in the field to avoid underground utilities. Upon completion, the location of each boring was determined using a global positioning system (GPS) device. The boring locations are shown on Figure 4. The approximate locations of the subsurface drain lines which were removed in August 2009 are also shown on Figure 4.

2.1.2 Soil Boring Procedures

Soil borings were advanced using a Geoprobe® Micro-Core sampler, outfitted with acetate liners for the core barrel. Continuous soil samples, obtained in 4-foot sections, were collected from land surface to the observed zone of saturation. Depending on the location of the borehole, the zone of saturation ranged from 8 feet to 31 feet bls. Down-hole drilling tools and equipment were decontaminated prior to each borehole on a pad constructed outside of the work zone. Decontamination procedures included steam cleaning, washing with a deionized water and Alconox mixture, rinsing thoroughly with deionized water, following with an Isopropanol rinse and allowing the rods to air dry. The decontamination fluids were contained on the pad, but evaporated daily.

2.2 Field Screening

Soil samples from each boring were screened at 1-foot intervals for the presence of VOCs. Screening involved drilling a small hole into the acetate core liner and inserting the tip of a calibrated PID. The PID readings, which were screened immediately after the core was drilled, were recorded in the field notes. Soil screening results are summarized in Appendix A.

2.3 Soil Sampling

Two soil samples were collected from each boring for analysis of VOCs. The first sample corresponded to the highest VOC interval as indicated by the PID readings, while the second sample was collected 1 foot above the apparent zone of saturation. In the event that the PID did not detect the presence of VOCs throughout the entire soil boring, a soil sample was collected from the mid-point of land surface and the zone of saturation as well as 1 foot above the zone of saturation.

Once the desired sample intervals for a boring were determined, the acetate liners were sliced open and soil grab samples were collected in accordance with the *Sampling and Analysis Plan* (TRC, March 2013) using individual Terra Core® samplers. The samples were placed on ice with the chain-of-custodies and submitted to the laboratory for analysis.

After soil samples had been collected for laboratory analysis, remaining soil samples from the entire borehole were examined for lithological description and recorded in accordance with the United Soil Classification System (USCS). Boring logs for each soil boring are presented in Appendix B. Soils at the site consists primarily of moderate reddish orange silty sand and clayey sand. Throughout most the investigation areas, there were indications that shallow soils (depths up to 12 feet bls) had been reworked and mixed with demolition debris (e.g., slag, gravel, small concrete) or contained fill material.

2.4 Investigation Derived Waste Disposal

Unused soils collected from the borings were contained in one of six sealed 55-gallon drums. A composite sample of these soils was later collected for disposal characterization. The soil samples were analyzed for Toxicity Characteristic Leaching Procedure (TCLP): VOCs, semivolatle organic compounds (SVOCs), herbicides, pesticides, and metals, ignitability, pH, reactive cyanide, and reactive sulfide. Analytical results later indicated that the soil was non-hazardous. These contained soils, along with the acetate Geoprobe® liners, and plastic sheeting used for the decontamination pad, were then taken off the site to a Subtitle D landfill for disposal.

Section 3

Soil Boring Analyses

Soil borings were advanced in the suspected source areas for the upgradient and downgradient plumes to assess and evaluate the presence and extent of VOC-affected soils. Two soil samples were collected from each boring at the shallow and deep intervals and analyzed for VOCs. Although, these soil analyses were useful to further define the nature and extent of VOCs in the affected media, it is important to note that, in many areas, the shallow soils were disturbed during the demolition of the facility and subsequent grading and construction activities associated with the new housing development.

3.1 Upgradient Source Area Analyses

VOC analytical results for the upgradient plume source area are summarized in Table 1. Laboratory analytical reports are included in Appendix C. PCE was the primary constituent detected and was found in many of the soil samples collected from the upgradient source area. Typically, the higher VOC concentrations were found in the deeper soil samples collected just above the groundwater zone of saturation. A number of other constituents were detected sporadically within the area, but typically at relatively low concentrations. Several constituents, primarily ethylbenzene, styrene, methylcyclohexane, and xylene, were detected in soil samples from borings SB-118 and SB-119, located in the vicinity of the former Varsol underground storage tank.

Data summary tables for the upgradient and downgradient plume source areas have been compared against United States Environmental Protection Agency (USEPA) Region 9 Regional Screening Levels (RSLs) for direct exposure to residential and industrial soils, and risk-based and Maximum Contaminant Level (MCL)-based soil screening levels (SSLs) for protection of groundwater. These values have been included for general comparison purposes, only. USEPA has specifically stated that RSLs and SSLs are not considered to be site-specific and are not intended for use as site clean-up standards.

Analytical results on Table 1 were compared to the RSLs for direct exposure to residential and industrial soils. Ethylbenzene concentrations in the shallow sample from boring SB-118, and both samples from boring SB-119, exceeded the residential RSL. The shallower sample for both borings also exceeded the industrial RSL for ethylbenzene. As stated previously, borings SB-118 and SB-119 are located in the vicinity of the former Varsol underground storage tank (UST) that was removed as part of previous building decommissioning activities. The

shallower sample at both borings were collected more than 20 feet bls and do not present an exposure risk at the land surface.

None of the other constituents detected in the upgradient source area soils, including PCE, had concentrations exceeding residential or industrial RSLs.

Table 2 compares upgradient source area soil results to risk-based and MCL-based SSLs. Many of the PCE concentrations detected exceeded the SSLs. Most of those samples were collected near or just above the zone of saturation and appear to be reflective of a smear zone resulting from the rise and fall of VOC-impacted groundwater elevations.

Ethylbenzene and xylene concentrations in samples collected from borings SB-118 and SB-119 (located in the vicinity of the former Varsol tank) also exceeded SSLs, as did benzene, and ethylbenzene and xylene (risk-based SSL only) in the deeper sample collected from boring SB-120. Exceedances of SSLs by other constituents were sporadic and typically involved exceedance of the risk-based SSL only.

PCE concentrations observed in the shallower and deeper soil samples are shown on Plate 1 and Plate 2, respectively. The distribution of PCE in the upgradient plume source area is also illustrated on cross sections A-A' through E-E' on Figure 5 through Figure 7. Typically, the highest PCE concentrations were found in the deeper soil samples, collected just above the groundwater table, within the smear zone of seasonal fluctuations of PCE-impacted groundwater. The highest PCE concentrations detected, 1.2 milligram per kilogram (mg/kg), were found just above the zone of saturation at soil borings SB-170 and SB-171 along the west edge of the sampling grid. The distribution of PCE concentrations in the deeper soils (see Plate 2) correlates very well with the distribution of the upgradient PCE plume identified in the underlying groundwater during previous investigations, and the distribution of former underground piping once located in this area (see Figure 4).

3.2 Downgradient Source Area Analyses

VOC analytical results for the downgradient plume source area are summarized in Table 3. Laboratory analytical reports are included in Appendix C. PCE was detected in the deeper soil sample from soil borings SB-203 and SB-212. Both concentrations were very low, 0.0013 mg/kg and 0.0063 mg/kg, respectively. PCE was not detected in any of the remaining 28 soil samples collected from this area. Low concentrations of 2-hexanone, acetone, *cis*-1,2-dichloroethene, and methylcyclohexane were detected sporadically. The occurrence of acetone is believed to be an artifact from the use of isopropanol to decontaminate sampling equipment.

Analytical results on Table 3 were compared to the RSLs for direct exposure to residential and industrial soils. There were no constituents detected in downgradient source area soils at concentrations exceeding residential or industrial RSLs.

Table 4 compares downgradient source area soil results to SSLs for protection of groundwater. The PCE concentration, detected in the deeper sample from soil boring SB-212 (0.0063), was just above the SSLs. This was the only SSL exceedance found in the downgradient plume source area. This sample was collected just above the zone of saturation and is reflective of a smear zone resulting from the rise and fall of VOC-impacted groundwater levels.

PCE concentrations found in the shallower and deeper soil samples are shown on Plate 1 and Plate 2, respectively. The distribution of PCE in the downgradient plume source area is also illustrated on cross sections F-F' and G-G' on Figure 7. As illustrated on the plates and figures, PCE in downgradient source area soils is nearly nonexistent. Very low concentrations were found in only two samples collected just above the zone of groundwater saturation and within the smear zone of seasonal fluctuations of PCE-impacted groundwater.

Section 4

Conclusions and Recommendations

The source area soil investigation was conducted to delineate the nature and extent of VOCs in subsurface soils within the suspected source areas for the upgradient and downgradient plumes. Results of this investigation have led to the following conclusions:

Upgradient Plume Source Area

- n PID readings recorded at one-foot intervals indicate that VOCs, when present, are highest in the deeper portion of the soil column.
- n PCE is the primary constituent detected and was found in many of the soil samples collected in the upgradient plume source area.
- n Higher PCE concentrations were found in soil samples collected just above the zone of groundwater saturation. The highest PCE concentrations were found in soil borings SB-170 and SB-171 located along the western edge of the sampling grid.
- n Several constituents, primarily ethylbenzene, styrene, methylcyclohexane, and xylene, were detected in soil samples SB-118 and SB-119 located in the vicinity of the former Varsol UST location.
- n Ethylbenzene concentrations in borings SB-118 and SB-119 exceeded USEPA Region 9 RSLs for direct exposure to residential and industrial soils. No other constituents, including PCE, were detected at concentrations exceeding RSLs.
- n Many of the detected PCE concentrations exceeded USEPA Region 9 SSLs. Most of these samples were collected near or just above the zone of groundwater saturation and could be reflective of a smear zone resulting from the rise and fall of VOC-impacted groundwater elevations.
- n The distribution of PCE concentrations in the deeper soils correlates well with the distribution of the upgradient PCE plume identified in the underlying groundwater in previous investigations, and former underground piping once located in this area.
- n Results of the investigation indicate that most of the PCE-affected soil found in the upgradient plume source area is the result of contact with PCE-impacted groundwater and not sources that could be correlated to historic plant infrastructure and production operations.

Downgradient Plume Source Area

- n PCE was only detected in two of the 30 subsurface soil samples collected in the downgradient plume source area. Both samples were collected just above the zone of groundwater saturation.
- n Detected PCE concentrations were low. One detection was just above the SSL for groundwater.
- n There were no VOCs detected at concentrations exceeding the RSLs for residential and industrial soils.
- n An underground sewer pipe, previously believed to be the source of release for the downgradient plume, was removed as part of previous site activities. Results from this soil investigation indicate that there are no PCE sources remaining in this area.

Recommendations

Since there are no indications of remaining sources of PCE releases, no further action is recommended for the soils in the suspected source areas for the upgradient and downgradient plumes.

Tables

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-101/12-13 08/19/13	SB-101/24-25 08/19/13	SB-102/17-18 08/19/13	SB-102/20-21 08/19/13	SB-103/2-3 08/19/13	SB-103/22-23 08/19/13	SB-104/10-11 08/19/13	SB-104/19-20 08/19/13	SB-105/20-21 08/20/13	SB-105/27-28 08/20/13	SB-106/12-13 08/20/13	SB-106/22-23 08/20/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
1,2,4-Trichlorobenzene	22	99	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
1,2-Dichlorobenzene	1,900	9,800	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
2-Butanone	28,000	200,000	0.0063 J	<0.012	<0.013	<0.012	<0.011	<0.012	<0.011	<0.011	<0.011	<0.0098	<0.0094	<0.011
Acetone	61,000	630,000	0.022	<0.025	<0.025	<0.024	<0.022	<0.023	<0.022	<0.023	<0.022	<0.02	<0.019	<0.021
Benzene	1.1	5.4	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Carbon disulfide	820	3,700	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Chloroform	0.29	1.5	<0.0049	<0.0061	<0.0063	0.0026 J	<0.0054	0.001 J	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
cis-1,2-Dichloroethene	160	200	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Cyclohexane	7,000	29,000	0.00096 J	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Ethylbenzene	5.4	27.0	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Isopropylbenzene	--	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methyl acetate	78,000	1,000,000	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methylcyclohexane	--	--	0.0019 J	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methylene chloride	56	960	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Styrene	6,300	36,000	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Tetrachloroethene	22	110	<0.0049	0.056	0.036	0.14	<0.0054	0.32	0.0011 J	0.052	0.048	0.17	0.0017 J	0.038
Toluene	5,000	45,000	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Trichloroethene	0.91	6.4	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Trichlorofluoromethane	790	3,400	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Xylenes, total	630	2,700	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-107/4-5 08/20/13	SB-107/25-26 08/20/13	SB-108/23-24 08/20/13	SB-108/25.5-26.5 08/20/13	SB-109/8-9 08/21/13	SB-109/26-27 08/21/13	SB-110/4-5 08/21/13	SB-110/24-25 08/21/13	SB-111/14-15 08/21/13	SB-111/28-29 08/21/13	SB-112/9-10 08/23/13	SB-112/20-21 08/23/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
1,2,4-Trichlorobenzene	22	99	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
1,2-Dichlorobenzene	1,900	9,800	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
2-Butanone	28,000	200,000	0.028	<0.011	<0.01	<0.011	0.0026 J	<0.011	<0.011	<0.011	<0.0085	<0.011	<0.0093	<0.014
Acetone	61,000	630,000	0.28	<0.023	<0.021	<0.022	0.047	<0.022	0.22	<0.022	<0.017	<0.022	<0.019	<0.028
Benzene	1.1	5.4	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.0014 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Carbon disulfide	820	3,700	<0.0047	<0.0057	0.0019 J	<0.0054	<0.0055	0.0015 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Chloroform	0.29	1.5	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
cis-1,2-Dichloroethene	160	200	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Cyclohexane	7,000	29,000	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Ethylbenzene	5.4	27.0	<0.0047	<0.0057	<0.0051	<0.0054	0.0019 J	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Isopropylbenzene	--	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methyl acetate	78,000	1,000,000	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methylcyclohexane	--	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.00051 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methylene chloride	56	960	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Styrene	6,300	36,000	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Tetrachloroethene	22	110	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.00069 J	<0.0053	<0.0054	<0.0042	<0.0054	0.0011 J	0.0086
Toluene	5,000	45,000	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Trichloroethene	0.91	6.4	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Trichlorofluoromethane	790	3,400	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Xylenes, total	630	2,700	0.0054	<0.0057	<0.0051	<0.0054	0.0089	0.04	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-113/9-10 08/23/13	SB-113/24-25 08/23/13	SB-114/20-21 08/23/13	SB-114/24-25 08/23/13	SB-115/17-18 08/22/13	SB-115/22-23 08/22/13	SB-116/16-17 08/22/13	SB-116/21-22 08/22/13	SB-117/21-22 08/22/13	SB-117/24-25 08/22/13	SB-118/22-23 08/22/13	SB-118/27-28 08/22/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
1,2,4-Trichlorobenzene	22	99	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
1,2-Dichlorobenzene	1,900	9,800	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
2-Butanone	28,000	200,000	<0.0094	<0.013	<0.011	<0.012	<0.011	<0.011	<0.011	<0.011	<0.011	<0.01	<2.7	<0.013
Acetone	61,000	630,000	<0.019	<0.026	<0.022	<0.025	<0.022	<0.022	<0.022	<0.021	<0.022	<0.021	<5.3	<0.026
Benzene	1.1	5.4	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Carbon disulfide	820	3,700	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Chloroform	0.29	1.5	<0.0047	0.0014 J	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
cis-1,2-Dichloroethene	160	200	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	.002 J
Cyclohexane	7,000	29,000	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Ethylbenzene	5.4	27.0	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	84	0.3
Isopropylbenzene	--	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Methyl acetate	78,000	1,000,000	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Methylcyclohexane	--	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	0.2 J	<0.0064
Methylene chloride	56	960	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Styrene	6,300	36,000	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	0.84 J	0.0037 J
Tetrachloroethene	22	110	0.00079 J	0.14	0.013	0.1	0.0038 J	0.017	0.033	0.065	0.022	0.12	<1.3	0.014
Toluene	5,000	45,000	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Trichloroethene	0.91	6.4	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Trichlorofluoromethane	790	3,400	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Xylenes, total	630	2,700	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	250	0.26

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-119/25-26 08/22/13	SB-119/27-28 08/22/13	SB-120/20-21 08/21/13	SB-120/26-27 08/21/13	SB-121/9-10 08/21/13	SB-121/29-30 08/21/13	SB-122/13-14 08/21/13	SB-122/26-27 08/21/13	SB-123/7-8 08/23/13	SB-123/21-22 08/23/13	SB-124/16-17 08/23/13	SB-124/21-22 08/23/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
1,2,4-Trichlorobenzene	22	99	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
1,2-Dichlorobenzene	1,900	9,800	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
2-Butanone	28,000	200,000	<2.6	<2.4	<0.012	<0.014	<0.0094	<0.012	<0.0083	<0.011	<0.01	<0.011	<0.015	<0.012
Acetone	61,000	630,000	<5.2	<4.8	<0.024	<0.029	<0.019	<0.023	<0.017	<0.022	0.049	<0.021	<0.03	<0.024
Benzene	1.1	5.4	<1.3	<1.2	<0.0059	0.0046 J	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Carbon disulfide	820	3,700	<1.3	<1.2	<0.0059	0.014	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Chloroform	0.29	1.5	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	0.0022 J
cis-1,2-Dichloroethene	160	200	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Cyclohexane	7,000	29,000	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Ethylbenzene	5.4	27.0	99	8.8	<0.0059	2.7	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Isopropylbenzene	--	--	1.1 J	<1.2	<0.0059	0.009	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methyl acetate	78,000	1,000,000	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methylcyclohexane	--	--	2.3	<1.2	<0.0059	0.0091	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methylene chloride	56	960	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Styrene	6,300	36,000	0.63 J	<1.2	<0.0059	0.032	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Tetrachloroethene	22	110	<1.3	<1.2	0.0012 J	0.0032 J	<0.0047	0.0036 J	<0.0042	<0.0054	0.0022 J	0.03	0.0032 J	0.067
Toluene	5,000	45,000	<1.3	<1.2	<0.0059	0.0072	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Trichloroethene	0.91	6.4	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Trichlorofluoromethane	790	3,400	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Xylenes, total	630	2,700	190	29	<0.0059	5.9	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-125/18-19 08/23/13	SB-125/20-21 08/23/13	SB-126/4-5 08/26/13	SB-126/20-21 08/26/13	SB-127/14-15 08/26/13	SB-127/22-23 08/26/13	SB-128/4-5 08/26/13	SB-128/22-23 08/26/13	SB-129/15-16 08/26/13	SB-129/21-22 08/26/13	SB-130/15-16 08/26/13	SB-130/23-24 08/26/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
1,2,4-Trichlorobenzene	22	99	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
1,2-Dichlorobenzene	1,900	9,800	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
2-Butanone	28,000	200,000	<0.011	<0.011	<0.0096	<0.012	<0.011	<0.014	<0.0095	<0.011	<0.01	<0.011	<0.0098	<0.011
Acetone	61,000	630,000	<0.023	<0.023	0.12	<0.023	0.5	<0.028	0.19	<0.023	<0.02	<0.022	<0.02	<0.023
Benzene	1.1	5.4	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Carbon disulfide	820	3,700	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Chloroform	0.29	1.5	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
cis-1,2-Dichloroethene	160	200	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	0.0017 J	<0.0049	<0.0057
Cyclohexane	7,000	29,000	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Ethylbenzene	5.4	27.0	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	0.0033 J	<0.0049	<0.0057
Isopropylbenzene	--	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methyl acetate	78,000	1,000,000	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methylcyclohexane	--	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methylene chloride	56	960	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Styrene	6,300	36,000	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Tetrachloroethene	22	110	0.02	0.016	0.0059	0.01	0.059	0.24	0.0053	0.033	<0.0051	0.0036 J	<0.0049	<0.0057
Toluene	5,000	45,000	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Trichloroethene	0.91	6.4	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Trichlorofluoromethane	790	3,400	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Xylenes, total	630	2,700	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-131/13-14 08/26/13	SB-131/23-24 08/26/13	SB-132/9-10 08/26/13	SB-132/26-27 08/26/13	SB-133/7-8 08/27/13	SB-133/20-21 08/27/13	SB-134/15-16 08/29/13	SB-134/20-21 08/29/13	SB-135/9-10 08/28/13	SB-135/21-22 08/28/13	SB-136/11-12 08/28/13	SB-136/18-19 08/28/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
1,2,4-Trichlorobenzene	22	99	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
1,2-Dichlorobenzene	1,900	9,800	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
2-Butanone	28,000	200,000	<0.011	<0.014	<0.01	<0.011	<1	<0.012	<0.01	<0.011	<0.0098	<0.01	<0.011	<0.01
Acetone	61,000	630,000	<0.022	<0.028	<0.021	<0.021	<2.1	<0.025	<0.021	<0.021	<0.02	<0.021	<0.023	<0.021
Benzene	1.1	5.4	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Carbon disulfide	820	3,700	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Chloroform	0.29	1.5	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
cis-1,2-Dichloroethene	160	200	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Cyclohexane	7,000	29,000	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Ethylbenzene	5.4	27.0	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Isopropylbenzene	--	--	<0.0055	<0.0069	<0.0052	<0.0053	0.77	<0.0068	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methyl acetate	78,000	1,000,000	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methylcyclohexane	--	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methylene chloride	56	960	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Styrene	6,300	36,000	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Tetrachloroethene	22	110	<0.0055	<0.0069	<0.0052	0.0024 J	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Toluene	5,000	45,000	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Trichloroethene	0.91	6	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Trichlorofluoromethane	790	3,400	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Xylenes, total	630	2,700	<0.0055	<0.0069	<0.0052	<0.0053	0.66	<0.0068	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-137/1-2 09/05/13	SB-137/19-20 09/05/13	SB-138/5-6 09/05/13	SB-138/22-23 09/05/13	SB-139/0-1 09/05/13	SB-139/19-20 09/05/13	SB-140/14-15 09/05/13	SB-140/19-20 09/05/13	SB-141/15-16 09/05/13	SB-141/17-18 09/05/13	SB-142/18-19 08/29/13	SB-142/21-22 08/29/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
1,2,4-Trichlorobenzene	22	99	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
1,2-Dichlorobenzene	1,900	9,800	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.013	<0.015
2-Butanone	28,000	200,000	<0.01	<0.013	<0.0095	<0.012	<0.011	<0.01	<0.011	<0.014	<0.0094	<0.012	<0.026	<0.03
Acetone	61,000	630,000	<0.02	<0.027	<0.019	<0.025	0.021 J	<0.02	<0.021	<0.028	0.012 J	<0.023	<0.0066	<0.0076
Benzene	1.1	5.4	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Carbon disulfide	820	3,700	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	0.0017 J	<0.0058	<0.0066	<0.0076
Chloroform	0.29	1.5	<0.0051	0.0052 J	<0.0048	0.0013 J	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
cis-1,2-Dichloroethene	160	200	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Cyclohexane	7,000	29,000	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Ethylbenzene	5.4	27.0	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Isopropylbenzene	--	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methyl acetate	78,000	1,000,000	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methylcyclohexane	--	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methylene chloride	56	960	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Styrene	6,300	36,000	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Tetrachloroethene	22	110	<0.0051	0.0044 J	0.0014 J	0.0058 J	<0.0056	<0.005	0.012	0.039	0.095	0.066	0.029	0.038
Toluene	5,000	45,000	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Trichloroethene	0.91	6	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Trichlorofluoromethane	790	3,400	<0.0051	<0.0067	<0.0048	0.0032 J	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Xylenes, total	630	2,700	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-143/18-19 08/29/13	SB-143/21-22 08/29/13	SB-144/11-12 08/29/13	SB-144/21-22 08/29/13	SB-145/8-9 08/27/13	SB-145/23-24 08/27/13	SB-146/15-16 09/04/13	SB-146/19-20 09/04/13	SB-147/9-10 09/04/13	SB-147/20-21 09/04/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
1,2,4-Trichlorobenzene	22	99	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
1,2-Dichlorobenzene	1,900	9,800	<0.0095	<0.0097	<0.011	<0.012	<0.0091	<0.012	<0.006	<0.0073	<0.006	<0.0059
2-Butanone	28,000	200,000	<0.019	<0.019	<0.022	<0.023	<0.018	<0.024	<0.012	<0.015	<0.012	<0.012
Acetone	61,000	630,000	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.024	<0.029	<0.024	<0.023
Benzene	1.1	5.4	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Carbon disulfide	820	3,700	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Chloroform	0.29	1.5	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	0.0018 J	<0.006	0.0011 J
cis-1,2-Dichloroethene	160	200	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Cyclohexane	7,000	29,000	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Ethylbenzene	5.4	27.0	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Isopropylbenzene	--	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methyl acetate	78,000	1,000,000	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methylcyclohexane	--	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methylene chloride	56	960	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Styrene	6,300	36,000	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Tetrachloroethene	22	110	0.0039 J	0.024	<0.0054	0.00094 J	0.01	0.0017 J	<0.006	0.0011 J	<0.006	0.0021 J
Toluene	5,000	45,000	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Trichloroethene	0.91	6	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Trichlorofluoromethane	790	3,400	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Xylenes, total	630	2,700	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-148/3-4 09/04/13	SB-148/16-17 09/04/13	SB-149/14-15 09/04/13	SB-149/17-18 09/04/13	SB-150/18-19 08/29/13	SB-150/21-22 08/29/13	SB-151/14-15 08/29/13	SB-151/17-18 08/29/13	SB-153/6-7 08/27/13	SB-153/23-24 08/27/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
1,2,4-Trichlorobenzene	22	99	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
1,2-Dichlorobenzene	1,900	9,800	<0.0058	<0.0055	<0.005	<0.0065	<0.011	<0.01	<0.0091	<0.011	<0.0084	<0.013
2-Butanone	28,000	200,000	<0.012	<0.011	0.019	<0.013	0.0093 J	<0.021	0.25	<0.022	0.0086 J	<0.025
Acetone	61,000	630,000	<0.023	<0.022	0.06	<0.026	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Benzene	1.1	5.4	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Carbon disulfide	820	3,700	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Chloroform	0.29	1.5	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
cis-1,2-Dichloroethene	160	200	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Cyclohexane	7,000	29,000	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Ethylbenzene	5.4	27.0	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Isopropylbenzene	--	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methyl acetate	78,000	1,000,000	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methylcyclohexane	--	--	<0.0058	<0.0055	0.00055 J	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methylene chloride	56	960	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Styrene	6,300	36,000	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Tetrachloroethene	22	110	0.004 J	0.0043 J	0.0091	0.028	0.048	0.13	0.041	0.081	0.0034 J	0.00067 J
Toluene	5,000	45,000	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Trichloroethene	0.91	6	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Trichlorofluoromethane	790	3,400	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Xylenes, total	630	2,700	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-154/14-15 09/03/13	SB-154/21-22 09/03/13	SB-155/0-1 09/03/13	SB-155/19-20 09/03/13	SB-156/6-7 09/04/13	SB-156/18-19 09/04/13	SB-157/19-20 09/04/13	SB-157/20-21 09/04/13	SB-158/13-14 08/30/13	SB-158/19-20 08/30/13
1,1,2,2-Tetrachloroethane	0.56	2.8	0.0007 J	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
1,2,4-Trichlorobenzene	22	99	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
1,2-Dichlorobenzene	1,900	9,800	<0.0054	0.0023 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
2-Butanone	28,000	200,000	<0.011	<0.012	<0.01	<0.012	<0.01	<0.011	<0.017	<0.012	<0.011	<0.013
Acetone	61,000	630,000	<0.021	0.035	0.033	<0.023	<0.02	<0.022	<0.034	<0.024	<0.021	<0.027
Benzene	1.1	5.4	<0.0054	0.0092	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Carbon disulfide	820	3,700	<0.0054	0.011	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Chloroform	0.29	1.5	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
cis-1,2-Dichloroethene	160	200	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Cyclohexane	7,000	29,000	<0.0054	0.024	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Ethylbenzene	5.4	27.0	<0.0054	0.17	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Isopropylbenzene	--	--	<0.0054	0.027	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methyl acetate	78,000	1,000,000	<0.0054	<0.0061	0.018	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methylcyclohexane	--	--	<0.0057	0.012	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methylene chloride	56	960	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Styrene	6,300	36,000	<0.0054	0.0037 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Tetrachloroethene	22	110	<0.0054	<0.0061	<0.0052	<0.0058	0.0005 J	0.019	0.48	0.21	0.019	0.14
Toluene	5,000	45,000	<0.0054	0.0023 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Trichloroethene	0.91	6	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Trichlorofluoromethane	790	3,400	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Xylenes, total	630	2,700	<0.0054	0.031	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-159/16-17 08/29/13	SB-159/21-22 08/29/13	SB-160/11-12 08/27/13	SB-160/21-22 08/27/13	SB-162/20-21 09/03/13	SB-162/21-22 09/03/13	SB-163/0-1 09/03/13	SB-163/19-20 09/03/13	SB-164/0-1 09/03/13	SB-164/20-21 09/03/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
1,2,4-Trichlorobenzene	22	99	<0.0061	<0.0057	<0.006	<0.0069	0.95	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
1,2-Dichlorobenzene	1,900	9,800	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
2-Butanone	28,000	200,000	<0.012	<0.011	<0.012	<0.014	<0.65	<0.01	<0.012	<0.01	<0.011	<0.011
Acetone	61,000	630,000	<0.024	<0.023	0.013 J	<0.028	<1.3	<0.021	0.57 Jj	0.037	1.8 Ej	<0.02
Benzene	1.1	5.4	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Carbon disulfide	820	3,700	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Chloroform	0.29	1.5	<0.0061	<0.0057	<0.006	<0.0069	0.083 J	0.0009 J	<0.0062	<0.0051	<0.0055	<0.0053
cis-1,2-Dichloroethene	160	200	<0.0061	0.0014 J	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Cyclohexane	7,000	29,000	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Ethylbenzene	5.4	27.0	<0.0061	<0.0057	<0.006	<0.0069	0.29 J	0.0047 J	<0.0062	<0.0051	<0.0055	<0.0053
Isopropylbenzene	--	--	<0.0061	<0.0057	<0.006	<0.0069	0.98	0.014	<0.0062	<0.0051	<0.0055	<0.0053
Methyl acetate	78,000	1,000,000	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Methylcyclohexane	--	--	<0.0061	<0.0057	<0.006	<0.0069	8.2	0.044	<0.0062	<0.0051	<0.0055	<0.0053
Methylene chloride	56	960	<0.0061	<0.0057	0.023	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Styrene	6,300	36,000	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Tetrachloroethene	22	110	0.099	0.75	<0.006	0.0012 J	<0.32	0.0034 J	<0.0062	0.0008 J	<0.0055	0.0036 J
Toluene	5,000	45,000	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Trichloroethene	0.91	6	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Trichlorofluoromethane	790	3,400	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Xylenes, total	630	2,700	<0.0061	<0.0057	<0.006	<0.0069	0.4	0.014	<0.0062	<0.0051	<0.0055	<0.0053

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-165/15-16 08/30/13	SB-165/19-20 08/30/13	SB-166/17-18 08/29/13	SB-166/20-21 08/29/13	SB-167/4-5 08/27/13	SB-167/20-21 08/27/13	SB-168/2-3 08/27/13	SB-168/20-21 08/27/13	SB-169/15-16 08/30/13	SB-169/21-22 08/30/13	SB-170/11-12 08/30/13	SB-170/20-21 08/30/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
1,2,4-Trichlorobenzene	22	99	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
1,2-Dichlorobenzene	1,900	9,800	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.015	<0.0051
2-Butanone	28,000	200,000	<0.01	<0.012	<0.011	<0.011	<0.0092	<0.011	<0.011	<0.0098	<0.01	<0.011	<0.01	<0.01
Acetone	61,000	630,000	<0.02	<0.023	<0.021	<0.021	<0.018	<0.022	<0.023	<0.02	<0.02	<0.022	<0.021	<0.02
Benzene	1.1	5.4	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Carbon disulfide	820	3,700	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Chloroform	0.29	1.5	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
cis-1,2-Dichloroethene	160	200	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Cyclohexane	7,000	29,000	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Ethylbenzene	5.4	27.0	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Isopropylbenzene	--	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.0059	<0.0051
Methyl acetate	78,000	1,000,000	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Methylcyclohexane	--	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Methylene chloride	56	960	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Styrene	6,300	36,000	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Tetrachloroethene	22	110	0.19	0.11	0.94	0.57	<0.0046	0.0092	0.0029 J	<0.0049	0.013	0.02	0.046	1.2
Toluene	5,000	45,000	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Trichloroethene	0.91	6	<0.0051	<0.0058	0.0027 J	0.0025 J	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Trichlorofluoromethane	790	3,400	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Xylenes, total	630	2,700	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.0059	<0.0051

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 1
Summary of Constituents Detected in Upgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-171/8-9 08/30/13	SB-171/17-18 08/30/13	SB-173/7-8 08/28/13	SB-173/21-22 08/28/13	SB-174/7-8 08/28/13	SB-174/20-21 08/28/13	SB-175/0-1 08/28/13	SB-175/14-15 08/28/13	SB-176/4-5 09/03/13	SB-176/20-21 09/03/13
1,1,2,2-Tetrachloroethane	0.56	2.8	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
1,2,4-Trichlorobenzene	22	99	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	0.012	<0.0055
1,2-Dichlorobenzene	1,900	9,800	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
2-Butanone	28,000	200,000	<0.007	<0.011	<0.0092	<0.011	<0.011	<0.013	<0.012	<0.012	<0.0095	<0.011
Acetone	61,000	630,000	0.0055 J	<0.021	<0.018	<0.023	<0.022	<0.026	0.5	<0.024	0.014 J	0.014 J
Benzene	1.1	5.4	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0013 J
Carbon disulfide	820	3,700	0.0012 J	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	0.0012 J	<0.0055
Chloroform	0.29	1.5	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
cis-1,2-Dichloroethene	160	200	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Cyclohexane	7,000	29,000	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Ethylbenzene	5.4	27.0	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0021 J
Isopropylbenzene	--	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0013 J
Methyl acetate	78,000	1,000,000	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Methylcyclohexane	--	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Methylene chloride	56	960	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Styrene	6,300	36,000	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Tetrachloroethene	22	110	<0.0035	1.2	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Toluene	5,000	45,000	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Trichloroethene	0.91	6	<0.0035	0.052	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Trichlorofluoromethane	790	3,400	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Xylenes, total	630	2,700	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-101/12-13 08/19/13	SB-101/24-25 08/19/13	SB-102/17-18 08/19/13	SB-102/20-21 08/19/13	SB-103/2-3 08/19/13	SB-103/22-23 08/19/13	SB-104/10-11 08/19/13	SB-104/19-20 08/19/13	SB-105/20-21 08/20/13	SB-105/27-28 08/20/13	SB-106/12-13 08/20/13	SB-106/22-23 08/20/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
1,2-Dichlorobenzene	0.27	0.58	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
2-Butanone	1	--	0.0063 J	<0.012	<0.013	<0.012	<0.011	<0.012	<0.011	<0.011	<0.011	<0.0098	<0.0094	<0.011
Acetone	2.4	--	0.022	<0.025	<0.025	<0.024	<0.022	<0.023	<0.022	<0.023	<0.022	<0.02	<0.019	<0.021
Benzene	0.0002	0.0026	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Carbon disulfide	0.21	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Chloroform	0.000053	0.022	<0.0049	<0.0061	<0.0063	0.0026 J	<0.0054	0.001 J	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
cis-1,2-Dichloroethene	0.0082	0.021	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Cyclohexane	13	--	0.00096 J	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Ethylbenzene	0.0015	0.78	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Isopropylbenzene	--	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methyl acetate	3.2	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methylcyclohexane	--	--	0.0019 J	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Methylene chloride	0.0025	0.0013	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Styrene	1.2	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Tetrachloroethene	0.0044	0.0023	<0.0049	0.056	0.036	0.14	<0.0054	0.32	0.0011 J	0.052	0.048	0.17	0.0017 J	0.038
Toluene	0.59	0.69	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Trichloroethene	0.00016	0.0018	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Trichlorofluoromethane	0.69	--	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054
Xylenes, total	0.19	9.8	<0.0049	<0.0061	<0.0063	<0.006	<0.0054	<0.0058	<0.0054	<0.0056	<0.0054	<0.0049	<0.0047	<0.0054

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-107/4-5 08/20/13	SB-107/25-26 08/20/13	SB-108/23-24 08/20/13	SB-108/25.5-26.5 08/20/13	SB-109/8-9 08/21/13	SB-109/26-27 08/21/13	SB-110/4-5 08/21/13	SB-110/24-25 08/21/13	SB-111/14-15 08/21/13	SB-111/28-29 08/21/13	SB-112/9-10 08/23/13	SB-112/20-21 08/23/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
1,2-Dichlorobenzene	0.27	0.58	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
2-Butanone	1	--	0.028	<0.011	<0.01	<0.011	0.0026 J	<0.011	<0.011	<0.011	<0.0085	<0.011	<0.0093	<0.014
Acetone	2.4	--	0.28	<0.023	<0.021	<0.022	0.047	<0.022	0.22	<0.022	<0.017	<0.022	<0.019	<0.028
Benzene	0.0002	0.0026	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.0014 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Carbon disulfide	0.21	--	<0.0047	<0.0057	0.0019 J	<0.0054	<0.0055	0.0015 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Chloroform	0.000053	0.022	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
cis-1,2-Dichloroethene	0.0082	0.021	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Cyclohexane	13	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Ethylbenzene	0.0015	0.78	<0.0047	<0.0057	<0.0051	<0.0054	0.0019 J	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Isopropylbenzene	--	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methyl acetate	3.2	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methylcyclohexane	--	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.00051 J	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Methylene chloride	0.0025	0.0013	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Styrene	1.2	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Tetrachloroethene	0.0044	0.0023	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	0.00069 J	<0.0053	<0.0054	<0.0042	<0.0054	0.0011 J	0.0086
Toluene	0.59	0.69	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Trichloroethene	0.00016	0.0018	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Trichlorofluoromethane	0.69	--	<0.0047	<0.0057	<0.0051	<0.0054	<0.0055	<0.0056	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007
Xylenes, total	0.19	9.8	0.0054	<0.0057	<0.0051	<0.0054	0.0089	0.04	<0.0053	<0.0054	<0.0042	<0.0054	<0.0046	<0.007

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-113/9-10 08/23/13	SB-113/24-25 08/23/13	SB-114/20-21 08/23/13	SB-114/24-25 08/23/13	SB-115/17-18 08/22/13	SB-115/22-23 08/22/13	SB-116/16-17 08/22/13	SB-116/21-22 08/22/13	SB-117/21-22 08/22/13	SB-117/24-25 08/22/13	SB-118/22-23 08/22/13	SB-118/27-28 08/22/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
1,2-Dichlorobenzene	0.27	0.58	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
2-Butanone	1	--	<0.0094	<0.013	<0.011	<0.012	<0.011	<0.011	<0.011	<0.011	<0.011	<0.01	<2.7	<0.013
Acetone	2.4	--	<0.019	<0.026	<0.022	<0.025	<0.022	<0.022	<0.022	<0.021	<0.022	<0.021	<5.3	<0.026
Benzene	0.0002	0.0026	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Carbon disulfide	0.21	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Chloroform	0.000053	0.022	<0.0047	0.0014 J	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
cis-1,2-Dichloroethene	0.0082	0.021	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	.002 J
Cyclohexane	13	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Ethylbenzene	0.0015	0.78	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	84	0.3
Isopropylbenzene	--	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Methyl acetate	3.2	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Methylcyclohexane	--	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	0.2 J	<0.0064
Methylene chloride	0.0025	0.0013	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Styrene	1.2	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	0.84 J	0.0037 J
Tetrachloroethene	0.0044	0.0023	0.00079 J	0.14	0.013	0.1	0.0038 J	0.017	0.033	0.065	0.022	0.12	<1.3	0.014
Toluene	0.59	0.69	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Trichloroethene	0.00016	0.0018	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Trichlorofluoromethane	0.69	--	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	<1.3	<0.0064
Xylenes, total	0.19	9.8	<0.0047	<0.0066	<0.0055	<0.0061	<0.0055	<0.0054	<0.0055	<0.0053	<0.0054	<0.0051	250	0.26

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-119/25-26 08/22/13	SB-119/27-28 08/22/13	SB-120/20-21 08/21/13	SB-120/26-27 08/21/13	SB-121/9-10 08/21/13	SB-121/29-30 08/21/13	SB-122/13-14 08/21/13	SB-122/26-27 08/21/13	SB-123/7-8 08/23/13	SB-123/21-22 08/23/13	SB-124/16-17 08/23/13	SB-124/21-22 08/23/13
1,1,2,2-Tetrachloroethane	0.000026	--	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
1,2,4-Trichlorobenzene	0.0029	0.2	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
1,2-Dichlorobenzene	0.27	0.58	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
2-Butanone	1	--	<2.6	<2.4	<0.012	<0.014	<0.0094	<0.012	<0.0083	<0.011	<0.01	<0.011	<0.015	<0.012
Acetone	2.4	--	<5.2	<4.8	<0.024	<0.029	<0.019	<0.023	<0.017	<0.022	0.049	<0.021	<0.03	<0.024
Benzene	0.0002	0.0026	<1.3	<1.2	<0.0059	0.0046 J	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Carbon disulfide	0.21	--	<1.3	<1.2	<0.0059	0.014	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Chloroform	0.000053	0.022	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	0.0022 J
cis-1,2-Dichloroethene	0.0082	0.021	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Cyclohexane	13	--	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Ethylbenzene	0.0015	0.78	99	8.8	<0.0059	2.7	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Isopropylbenzene	--	--	1.1 J	<1.2	<0.0059	0.009	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methyl acetate	3.2	--	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methylcyclohexane	--	--	2.3	<1.2	<0.0059	0.0091	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Methylene chloride	0.0025	0.0013	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Styrene	1.2	--	0.63 J	<1.2	<0.0059	0.032	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Tetrachloroethene	0.0044	0.0023	<1.3	<1.2	0.0012 J	0.0032 J	<0.0047	0.0036 J	<0.0042	<0.0054	0.0022 J	0.03	0.0032 J	0.067
Toluene	0.59	0.69	<1.3	<1.2	<0.0059	0.0072	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Trichloroethene	0.00016	0.0018	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Trichlorofluoromethane	0.69	--	<1.3	<1.2	<0.0059	<0.0071	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006
Xylenes, total	0.19	9.8	190	29	<0.0059	5.9	<0.0047	<0.0058	<0.0042	<0.0054	<0.005	<0.0053	<0.0074	<0.006

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-125/18-19 08/23/13	SB-125/20-21 08/23/13	SB-126/4-5 08/26/13	SB-126/20-21 08/26/13	SB-127/14-15 08/26/13	SB-127/22-23 08/26/13	SB-128/4-5 08/26/13	SB-128/22-23 08/26/13	SB-129/15-16 08/26/13	SB-129/21-22 08/26/13	SB-130/15-16 08/26/13	SB-130/23-24 08/26/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
1,2-Dichlorobenzene	0.27	0.58	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
2-Butanone	1	--	<0.011	<0.011	<0.0096	<0.012	<0.011	<0.014	<0.0095	<0.011	<0.01	<0.011	<0.0098	<0.011
Acetone	2.4	--	<0.023	<0.023	0.12	<0.023	0.5	<0.028	0.19	<0.023	<0.02	<0.022	<0.02	<0.023
Benzene	0.0002	0.0026	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Carbon disulfide	0.21	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Chloroform	0.000053	0.022	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
cis-1,2-Dichloroethene	0.0082	0.021	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	0.0017 J	<0.0049	<0.0057
Cyclohexane	13	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Ethylbenzene	0.0015	0.78	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	0.0033 J	<0.0049	<0.0057
Isopropylbenzene	--	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methyl acetate	3.2	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methylcyclohexane	--	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Methylene chloride	0.0025	0.0013	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Styrene	1.2	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Tetrachloroethene	0.0044	0.0023	0.02	0.016	0.0059	0.01	0.059	0.24	0.0053	0.033	<0.0051	0.0036 J	<0.0049	<0.0057
Toluene	0.59	0.69	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Trichloroethene	0.00016	0.0018	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Trichlorofluoromethane	0.69	--	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057
Xylenes, total	0.19	9.8	<0.0057	<0.0056	<0.0048	<0.0058	<0.0057	<0.0069	<0.0048	<0.0056	<0.0051	<0.0056	<0.0049	<0.0057

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-131/13-14 08/26/13	SB-131/23-24 08/26/13	SB-132/9-10 08/26/13	SB-132/26-27 08/26/13	SB-133/7-8 08/27/13	SB-133/20-21 08/27/13	SB-134/15-16 08/29/13	SB-134/20-21 08/29/13	SB-135/9-10 08/28/13	SB-135/21-22 08/28/13	SB-136/11-12 08/28/13	SB-136/18-19 08/28/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
1,2-Dichlorobenzene	0.27	0.58	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
2-Butanone	1	--	<0.011	<0.014	<0.01	<0.011	<1	<0.012	<0.01	<0.011	<0.0098	<0.01	<0.011	<0.01
Acetone	2.4	--	<0.022	<0.028	<0.021	<0.021	<2.1	<0.025	<0.021	<0.021	<0.02	<0.021	<0.023	<0.021
Benzene	0.0002	0.0026	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Carbon disulfide	0.21	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Chloroform	0.000053	0.022	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
cis-1,2-Dichloroethene	0.0082	0.021	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Cyclohexane	13	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Ethylbenzene	0.0015	0.78	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Isopropylbenzene	--	--	<0.0055	<0.0069	<0.0052	<0.0053	0.77	<0.0068	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methyl acetate	3.2	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methylcyclohexane	--	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Methylene chloride	0.0025	0.0013	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Styrene	1.2	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Tetrachloroethene	0.0044	0.0023	<0.0055	<0.0069	<0.0052	0.0024 J	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Toluene	0.59	0.69	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Trichloroethene	0.00016	0.0018	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Trichlorofluoromethane	0.69	--	<0.0055	<0.0069	<0.0052	<0.0053	<0.52	<0.0062	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052
Xylenes, total	0.19	9.8	<0.0055	<0.0069	<0.0052	<0.0053	0.66	<0.0068	<0.0052	<0.0053	<0.0049	<0.0052	<0.0057	<0.0052

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-137/1-2 09/05/13	SB-137/19-20 09/05/13	SB-138/5-6 09/05/13	SB-138/22-23 09/05/13	SB-139/0-1 09/05/13	SB-139/19-20 09/05/13	SB-140/14-15 09/05/13	SB-140/19-20 09/05/13	SB-141/15-16 09/05/13	SB-141/17-18 09/05/13	SB-142/18-19 08/29/13	SB-142/21-22 08/29/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
1,2-Dichlorobenzene	0.27	0.58	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.013	<0.015
2-Butanone	1	--	<0.01	<0.013	<0.0095	<0.012	<0.011	<0.01	<0.011	<0.014	<0.0094	<0.012	<0.026	<0.03
Acetone	2.4	--	<0.02	<0.027	<0.019	<0.025	0.021 J	<0.02	<0.021	<0.028	0.012 J	<0.023	<0.0066	<0.0076
Benzene	0.0002	0.0026	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Carbon disulfide	0.21	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	0.0017 J	<0.0058	<0.0066	<0.0076
Chloroform	0.000053	0.022	<0.0051	0.0052 J	<0.0048	0.0013 J	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
cis-1,2-Dichloroethene	0.0082	0.021	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Cyclohexane	13	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Ethylbenzene	0.0015	0.78	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Isopropylbenzene	--	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methyl acetate	3.2	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methylcyclohexane	--	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Methylene chloride	0.0025	0.0013	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Styrene	1.2	--	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Tetrachloroethene	0.0044	0.0023	<0.0051	0.0044 J	0.0014 J	0.0058 J	<0.0056	<0.005	0.012	0.039	0.095	0.066	0.029	0.038
Toluene	0.59	0.69	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Trichloroethene	0.00016	0.0018	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Trichlorofluoromethane	0.69	--	<0.0051	<0.0067	<0.0048	0.0032 J	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076
Xylenes, total	0.19	9.8	<0.0051	<0.0067	<0.0048	<0.0062	<0.0056	<0.005	<0.0053	<0.0069	<0.0047	<0.0058	<0.0066	<0.0076

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-143/18-19 08/29/13	SB-143/21-22 08/29/13	SB-144/11-12 08/29/13	SB-144/21-22 08/29/13	SB-145/8-9 08/27/13	SB-145/23-24 08/27/13	SB-146/15-16 09/04/13	SB-146/19-20 09/04/13	SB-147/9-10 09/04/13	SB-147/20-21 09/04/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
1,2-Dichlorobenzene	0.27	0.58	<0.0095	<0.0097	<0.011	<0.012	<0.0091	<0.012	<0.006	<0.0073	<0.006	<0.0059
2-Butanone	1	--	<0.019	<0.019	<0.022	<0.023	<0.018	<0.024	<0.012	<0.015	<0.012	<0.012
Acetone	2.4	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.024	<0.029	<0.024	<0.023
Benzene	0.0002	0.0026	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Carbon disulfide	0.21	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Chloroform	0.000053	0.022	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	0.0018 J	<0.006	0.0011 J
cis-1,2-Dichloroethene	0.0082	0.021	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Cyclohexane	13	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Ethylbenzene	0.0015	0.78	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Isopropylbenzene	--	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methyl acetate	3.2	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methylcyclohexane	--	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Methylene chloride	0.0025	0.0013	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Styrene	1.2	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Tetrachloroethene	0.0044	0.0023	0.0039 J	0.024	<0.0054	0.00094 J	0.01	0.0017 J	<0.006	0.0011 J	<0.006	0.0021 J
Toluene	0.59	0.69	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Trichloroethene	0.00016	0.0018	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Trichlorofluoromethane	0.69	--	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059
Xylenes, total	0.19	9.8	<0.0047	<0.0049	<0.0054	<0.0058	<0.0046	<0.0059	<0.006	<0.0073	<0.006	<0.0059

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-148/3-4 09/04/13	SB-148/16-17 09/04/13	SB-149/14-15 09/04/13	SB-149/17-18 09/04/13	SB-150/18-19 08/29/13	SB-150/21-22 08/29/13	SB-151/14-15 08/29/13	SB-151/17-18 08/29/13	SB-153/6-7 08/27/13	SB-153/23-24 08/27/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
1,2-Dichlorobenzene	0.27	0.58	<0.0058	<0.0055	<0.005	<0.0065	<0.011	<0.01	<0.0091	<0.011	<0.0084	<0.013
2-Butanone	1	--	<0.012	<0.011	0.019	<0.013	0.0093 J	<0.021	0.25	<0.022	0.0086 J	<0.025
Acetone	2.4	--	<0.023	<0.022	0.06	<0.026	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Benzene	0.0002	0.0026	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Carbon disulfide	0.21	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Chloroform	0.000053	0.022	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
cis-1,2-Dichloroethene	0.0082	0.021	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Cyclohexane	13	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Ethylbenzene	0.0015	0.78	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Isopropylbenzene	--	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methyl acetate	3.2	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methylcyclohexane	--	--	<0.0058	<0.0055	0.00055 J	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Methylene chloride	0.0025	0.0013	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Styrene	1.2	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Tetrachloroethene	0.0044	0.0023	0.004 J	0.0043 J	0.0091	0.028	0.048	0.13	0.041	0.081	0.0034 J	0.00067 J
Toluene	0.59	0.69	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Trichloroethene	0.00016	0.0018	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Trichlorofluoromethane	0.69	--	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063
Xylenes, total	0.19	9.8	<0.0058	<0.0055	<0.005	<0.0065	<0.0054	<0.0052	<0.0045	<0.0054	<0.0042	<0.0063

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-154/14-15 09/03/13	SB-154/21-22 09/03/13	SB-155/0-1 09/03/13	SB-155/19-20 09/03/13	SB-156/6-7 09/04/13	SB-156/18-19 09/04/13	SB-157/19-20 09/04/13	SB-157/20-21 09/04/13	SB-158/13-14 08/30/13	SB-158/19-20 08/30/13
1,1,2,2-Tetrachloroethane	0.000026	--	0.0007 J	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
1,2-Dichlorobenzene	0.27	0.58	<0.0054	0.0023 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
2-Butanone	1	--	<0.011	<0.012	<0.01	<0.012	<0.01	<0.011	<0.017	<0.012	<0.011	<0.013
Acetone	2.4	--	<0.021	0.035	0.033	<0.023	<0.02	<0.022	<0.034	<0.024	<0.021	<0.027
Benzene	0.0002	0.0026	<0.0054	0.0092	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Carbon disulfide	0.21	--	<0.0054	0.011	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Chloroform	0.000053	0.022	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
cis -1,2-Dichloroethene	0.0082	0.021	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Cyclohexane	13	--	<0.0054	0.024	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Ethylbenzene	0.0015	0.78	<0.0054	0.17	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Isopropylbenzene	--	--	<0.0054	0.027	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methyl acetate	3.2	--	<0.0054	<0.0061	0.018	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methylcyclohexane	--	--	<0.0057	0.012	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Methylene chloride	0.0025	0.0013	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Styrene	1.2	--	<0.0054	0.0037 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Tetrachloroethene	0.0044	0.0023	<0.0054	<0.0061	<0.0052	<0.0058	0.0005 J	0.019	0.48	0.21	0.019	0.14
Toluene	0.59	0.69	<0.0054	0.0023 J	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Trichloroethene	0.00016	0.0018	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Trichlorofluoromethane	0.69	--	<0.0054	<0.0061	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067
Xylenes, total	0.19	9.8	<0.0054	0.031	<0.0052	<0.0058	<0.005	<0.0056	<0.0085	<0.0061	<0.0053	<0.0067

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-159/16-17 08/29/13	SB-159/21-22 08/29/13	SB-160/11-12 08/27/13	SB-160/21-22 08/27/13	SB-162/20-21 09/03/13	SB-162/21-22 09/03/13	SB-163/0-1 09/03/13	SB-163/19-20 09/03/13	SB-164/0-1 09/03/13	SB-164/20-21 09/03/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0061	<0.0057	<0.006	<0.0069	0.95	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
1,2-Dichlorobenzene	0.27	0.58	<0.012	<0.011	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
2-Butanone	1	--	<0.024	<0.023	<0.012	<0.014	<0.65	<0.01	<0.012	<0.01	<0.011	<0.011
Acetone	2.4	--	<0.0061	<0.0057	0.013 J	<0.028	<1.3	<0.021	0.57 Jj	0.037	1.8 Ej	<0.02
Benzene	0.0002	0.0026	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Carbon disulfide	0.21	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Chloroform	0.000053	0.022	<0.0061	<0.0057	<0.006	<0.0069	0.083 J	0.0009 J	<0.0062	<0.0051	<0.0055	<0.0053
cis-1,2-Dichloroethene	0.0082	0.021	<0.0061	0.0014 J	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Cyclohexane	13	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Ethylbenzene	0.0015	0.78	<0.0061	<0.0057	<0.006	<0.0069	0.29 J	0.0047 J	<0.0062	<0.0051	<0.0055	<0.0053
Isopropylbenzene	--	--	<0.0061	<0.0057	<0.006	<0.0069	0.98	0.014	<0.0062	<0.0051	<0.0055	<0.0053
Methyl acetate	3.2	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Methylcyclohexane	--	--	<0.0061	<0.0057	<0.006	<0.0069	8.2	0.044	<0.0062	<0.0051	<0.0055	<0.0053
Methylene chloride	0.0025	0.0013	<0.0061	<0.0057	0.023	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Styrene	1.2	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Tetrachloroethene	0.0044	0.0023	0.099	0.75	<0.006	0.0012 J	<0.32	0.0034 J	<0.0062	0.0008 J	<0.0055	0.0036 J
Toluene	0.59	0.69	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Trichloroethene	0.00016	0.0018	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Trichlorofluoromethane	0.69	--	<0.0061	<0.0057	<0.006	<0.0069	<0.32	<0.0052	<0.0062	<0.0051	<0.0055	<0.0053
Xylenes, total	0.19	9.8	<0.0061	<0.0057	<0.006	<0.0069	0.4	0.014	<0.0062	<0.0051	<0.0055	<0.0053

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-165/15-16 08/30/13	SB-165/19-20 08/30/13	SB-166/17-18 08/29/13	SB-166/20-21 08/29/13	SB-167/4-5 08/27/13	SB-167/20-21 08/27/13	SB-168/2-3 08/27/13	SB-168/20-21 08/27/13	SB-169/15-16 08/30/13	SB-169/21-22 08/30/13	SB-170/11-12 08/30/13	SB-170/20-21 08/30/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
1,2-Dichlorobenzene	0.27	0.58	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.015	<0.0051
2-Butanone	1	--	<0.01	<0.012	<0.011	<0.011	<0.0092	<0.011	<0.011	<0.0098	<0.01	<0.011	<0.01	<0.01
Acetone	2.4	--	<0.02	<0.023	<0.021	<0.021	<0.018	<0.022	<0.023	<0.02	<0.02	<0.022	<0.021	<0.02
Benzene	0.0002	0.0026	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Carbon disulfide	0.21	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Chloroform	0.000053	0.022	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
cis-1,2-Dichloroethene	0.0082	0.021	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Cyclohexane	13	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Ethylbenzene	0.0015	0.78	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Isopropylbenzene	--	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.0059	<0.0051
Methyl acetate	3.2	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Methylcyclohexane	--	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Methylene chloride	0.0025	0.0013	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Styrene	1.2	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Tetrachloroethene	0.0044	0.0023	0.19	0.11	0.94	0.57	<0.0046	0.0092	0.0029 J	<0.0049	0.013	0.02	0.046	1.2
Toluene	0.59	0.69	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Trichloroethene	0.00016	0.0018	<0.0051	<0.0058	0.0027 J	0.0025 J	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Trichlorofluoromethane	0.69	--	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	<0.0052	<0.0051
Xylenes, total	0.19	9.8	<0.0051	<0.0058	<0.0053	<0.0053	<0.0046	<0.0055	<0.0057	<0.0049	<0.005	<0.0056	0.0059	<0.0051

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1 x 10⁻⁶, Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 2
Summary of Constituents Detected in Upgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-171/8-9 08/30/13	SB-171/17-18 08/30/13	SB-173/7-8 08/28/13	SB-173/21-22 08/28/13	SB-174/7-8 08/28/13	SB-174/20-21 08/28/13	SB-175/0-1 08/28/13	SB-175/14-15 08/28/13	SB-176/4-5 09/03/13	SB-176/20-21 09/03/13
1,1,2,2-Tetrachloroethane	0.000026	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
1,2,4-Trichlorobenzene	0.0029	0.2	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	0.012	<0.0055
1,2-Dichlorobenzene	0.27	0.58	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
2-Butanone	1	--	<0.007	<0.011	<0.0092	<0.011	<0.011	<0.013	<0.012	<0.012	<0.0095	<0.011
Acetone	2.4	--	0.0055 J	<0.021	<0.018	<0.023	<0.022	<0.026	0.5	<0.024	0.014 J	0.014 J
Benzene	0.0002	0.0026	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0013 J
Carbon disulfide	0.21	--	0.0012 J	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	0.0012 J	<0.0055
Chloroform	0.000053	0.022	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
cis-1,2-Dichloroethene	0.0082	0.021	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Cyclohexane	13	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Ethylbenzene	0.0015	0.78	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0021 J
Isopropylbenzene	--	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	0.0013 J
Methyl acetate	3.2	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Methylcyclohexane	--	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Methylene chloride	0.0025	0.0013	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Styrene	1.2	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Tetrachloroethene	0.0044	0.0023	<0.0035	1.2	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Toluene	0.59	0.69	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Trichloroethene	0.00016	0.0018	<0.0035	0.052	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Trichlorofluoromethane	0.69	--	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055
Xylenes, total	0.19	9.8	<0.0035	<0.0053	<0.0046	<0.0057	<0.0055	<0.0066	<0.0058	<0.006	<0.0048	<0.0055

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 3
Summary of Constituents Detected in Downgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-201/8-9 09/06/13	SB-201/10-11 09/06/13	SB-202/14-15 09/06/13	SB-202/16-17 09/06/13	SB-203/18-19 09/06/13	SB-203/19-20 09/06/13	SB-204/5-6 09/06/13	SB-204/10-11 09/06/13	SB-205/0-1 09/06/13	SB-205/7-8 09/06/13
2-Hexanone	210	1,400	<0.0099	<0.011	<0.01	<0.0096	<0.01	<0.011	<0.011	<0.0097	0.0017 J	r
Acetone	61,000	630,000	<0.02	<0.022	0.019 J	<0.019	<0.021	<0.021	<0.022	0.024	0.099	0.11
cis-1,2-Dichloroethene	160	2,000	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	<0.0053	<0.0055	<0.0048	<0.0051	<0.013
Methylcyclohexane	--	--	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	<0.0053	<0.0055	<0.0048	<0.0051	0.0034 J
Tetrachloroethene	22	110	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	0.0013 J	<0.0055	<0.0048	<0.0051	r

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 3
Summary of Constituents Detected in Downgradient Source Area Soils with RSL

PARAMETER ⁽¹⁾	RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	SB-206/0-1 09/06/13	SB-206/13-14 09/06/13	SB-207/12-13 09/06/13	SB-207/13-14 09/06/13	SB-208/14-15 09/06/13	SB-208/19-20 09/06/13	SB-209/8-9 09/06/13	SB-209/13-14 09/06/13	SB-210/7-8 09/05/13	SB-210/10-11 09/05/13	SB-211/8-9 09/05/13	SB-211/13-14 09/05/13
2-Hexanone	210	1,400	<0.0094	<0.011	<0.011	<0.011	<0.0097	<0.011	<0.01	<0.0099	<0.0098	<0.01	<0.01	<0.011
Acetone	61,000	630,000	0.025	<0.022	<0.023	<0.022	<0.019	<0.022	<0.021	<0.02	<0.02	<0.021	<0.02	<0.021
cis-1,2-Dichloroethene	160	2,000	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053
Methylcyclohexane	--	--	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053
Tetrachloroethene	22	110	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 3
Summary of Constituents Detected in Downgradient Source Area Soils with RSL

RSL - RESIDENTIAL (mg/kg)	RSL - INDUSTRIAL (mg/kg)	RSL - Industrial (mg/kg)	SB-212/14-15 09/05/13	SB-212/16-17 09/05/13	SB-213/9-10 09/05/13	SB-213/19-20 09/05/13	SB-214/9-10 09/05/13	SB-214/19-20 09/05/13	SB-215/3-4 09/05/13	SB-215/19-20 09/05/13
2-Hexanone	210	1,400	<0.01	<0.011	<0.0099	<0.0094	<0.0091	<0.011	<0.011	<0.011
Acetone	61,000	630,000	0.011 J	<0.021	<0.02	<0.019	<0.018	<0.021	<0.021	<0.022
cis-1,2-Dichloroethene	160	2,000	<0.0052	0.0022 J	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055
Methylcyclohexane	--	--	<0.0052	<0.0053	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055
Tetrachloroethene	22	110	<0.0052	0.0063	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

RSL - USEPA Regional Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

Yellow Highlighted Values are Greater than Residential RSL

Table 4
Summary of Constituents Detected in Downgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-201/8-9 09/06/13	SB-201/10-11 09/06/13	SB-202/14-15 09/06/13	SB-202/16-17 09/06/13	SB-203/18-19 09/06/13	SB-203/19-20 09/06/13	SB-204/5-6 09/06/13	SB-204/10-11 09/06/13	SB-205/0-1 09/06/13	SB-205/7-8 09/06/13
2-Hexanone	0.0079	--	<0.0099	<0.011	<0.01	<0.0096	<0.01	<0.011	<0.011	<0.0097	0.0017 J	r
Acetone	2.4	--	<0.02	<0.022	0.019 J	<0.019	<0.021	<0.021	<0.022	0.024	0.099	0.11
cis-1,2-Dichloroethene	0.0082	0.021	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	<0.0053	<0.0055	<0.0048	<0.0051	<0.013
Methylcyclohexane	--	--	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	<0.0053	<0.0055	<0.0048	<0.0051	0.0034 J
Tetrachloroethene	0.0044	0.0023	<0.005	<0.0054	<0.0052	<0.0048	<0.0052	0.0013 J	<0.0055	<0.0048	<0.0051	r

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 4
Summary of Constituents Detected in Downgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-206/0-1 09/06/13	SB-206/13-14 09/06/13	SB-207/12-13 09/06/13	SB-207/13-14 09/06/13	SB-208/14-15 09/06/13	SB-208/19-20 09/06/13	SB-209/8-9 09/06/13	SB-209/13-14 09/06/13	SB-210/7-8 09/05/13	SB-210/10-11 09/05/13	SB-211/8-9 09/05/13	SB-211/13-14 09/05/13
2-Hexanone	0.0079	--	<0.0094	<0.011	<0.011	<0.011	<0.0097	<0.011	<0.01	<0.0099	<0.0098	<0.01	<0.01	<0.011
Acetone	2.4	--	0.025	<0.022	<0.023	<0.022	<0.019	<0.022	<0.021	<0.02	<0.02	<0.021	<0.02	<0.021
<i>cis</i> -1,2-Dichloroethene	0.0082	0.021	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053
Methylcyclohexane	--	--	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053
Tetrachloroethene	0.0044	0.0023	<0.0047	<0.0054	<0.0057	<0.0054	<0.0049	<0.0056	<0.0052	<0.0049	<0.0049	<0.0052	<0.005	<0.0053

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Table 4
Summary of Constituents Detected in Downgradient Source Area Soils with SSL

PARAMETER ⁽¹⁾	RISK-BASED SSL (mg/kg)	MCL-BASED SSL (mg/kg)	SB-212/14-15 09/05/13	SB-212/16-17 09/05/13	SB-213/9-10 09/05/13	SB-213/19-20 09/05/13	SB-214/9-10 09/05/13	SB-214/19-20 09/05/13	SB-215/3-4 09/05/13	SB-215/19-20 09/05/13
2-Hexanone	0.0079	--	<0.01	<0.011	<0.0099	<0.0094	<0.0091	<0.011	<0.011	<0.011
Acetone	2.4	--	0.011 J	<0.021	<0.02	<0.019	<0.018	<0.021	<0.021	<0.022
cis-1,2-Dichloroethene	0.0082	0.021	<0.0052	0.0022 J	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055
Methylcyclohexane	--	--	<0.0052	<0.0053	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055
Tetrachloroethene	0.0044	0.0023	<0.0052	0.0063	<0.005	<0.0047	<0.0046	<0.0053	<0.0053	<0.0055

⁽¹⁾ Analytical results are reported in milligrams per kilogram (mg/kg) unless otherwise noted.

J - Estimated concentration.

r - Unusable data.

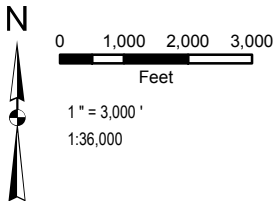
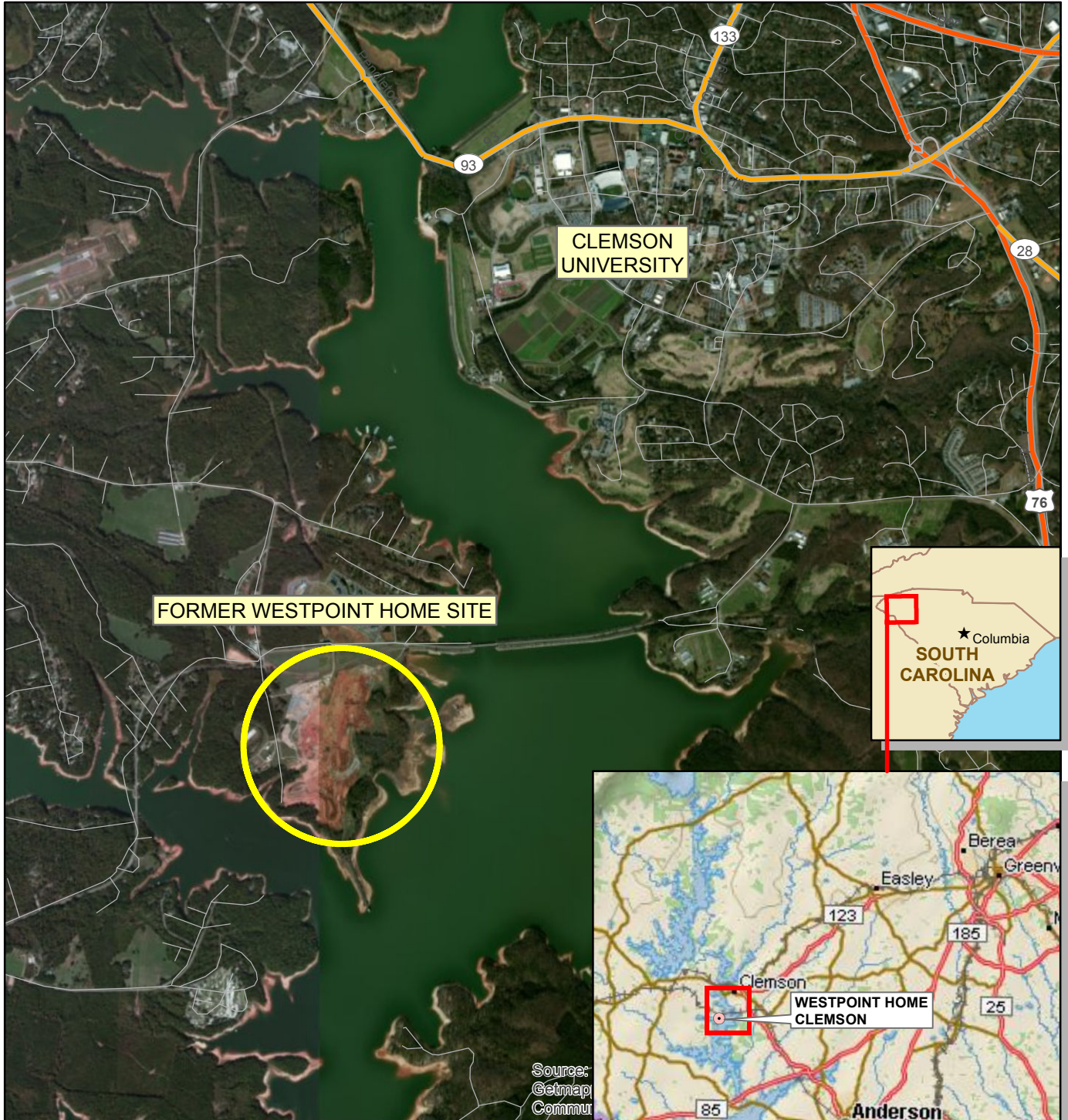
SSL - USEPA Soil Screening Levels (USEPA, May 2013) - Target Risk = 1×10^{-6} , Hazard Quotient = 1

MCL - Maximum Contaminant Level

Yellow Highlighted Values are Greater than Risk-Based SSL

Orange Highlighted Values are Greater than MCL-Based SSL

Figures



SOURCE: ESRI WORLD IMAGERY
DELORME WORLD BASE MAP

Source:
Getmap
Commu



30 Patewood Drive, Suite 300
Patewood Plaza One
Greenville, SC 29615
Phone: 864.281.0030
Fax 864.281.0288

**WESTPOINT HOME, INC.
CLEMSON, SOUTH CAROLINA**

**FIGURE 1
LOCATION OF FORMER
WESTPOINT HOME SITE**

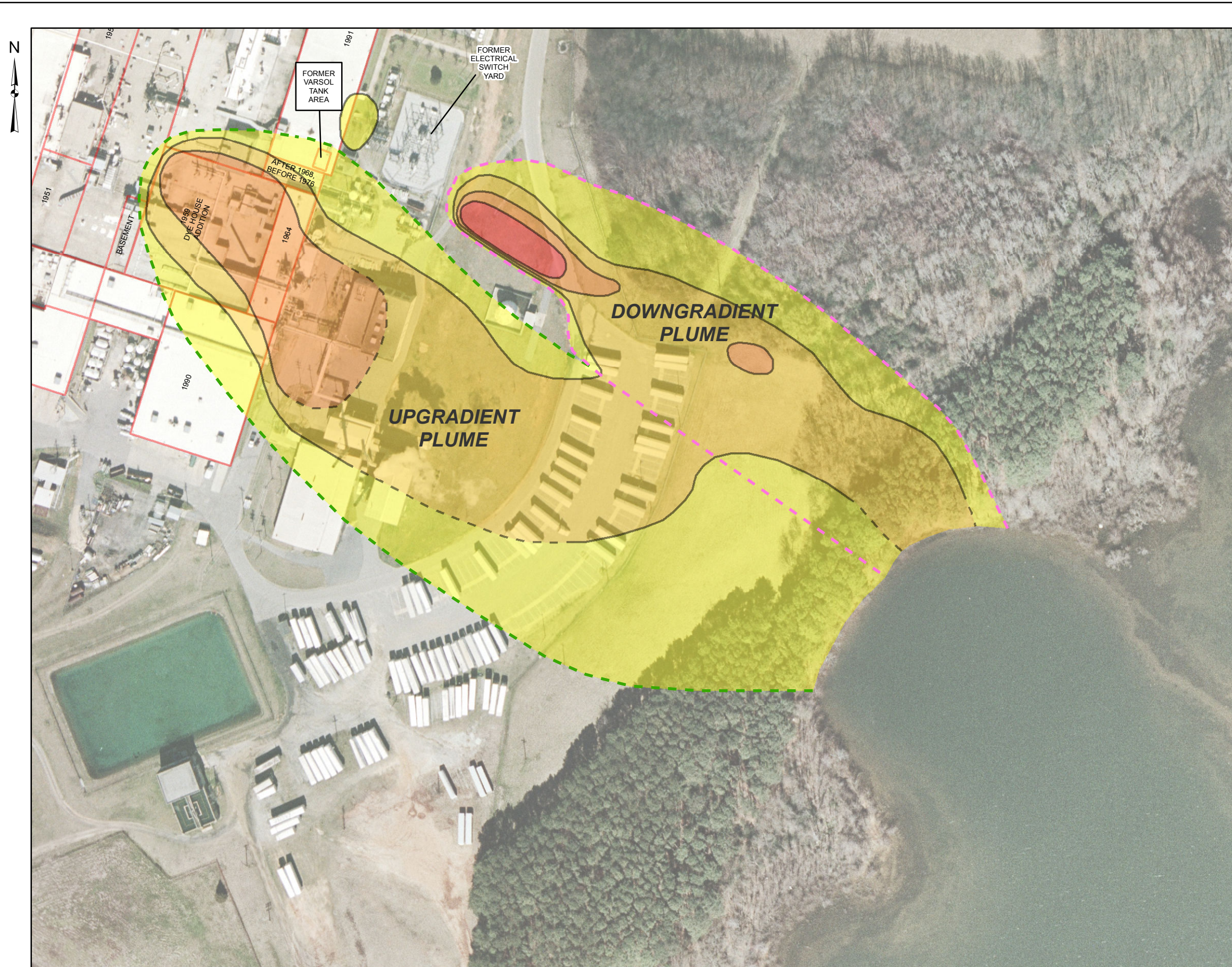
DRAWN BY: TLH

APPROVED BY: DOM

PROJECT NO: 205809.0.0.1

FILE NO. SiteLocationMap.mxd

DATE: DECEMBER 2013



LEGEND

--- APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, UPGRADIENT PLUME

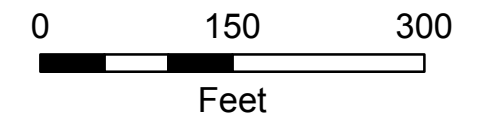
--- APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, DOWNGRADIENT PLUME

**DISSOLVED PCE CONCENTRATION
MAY/NOVEMBER 2009**

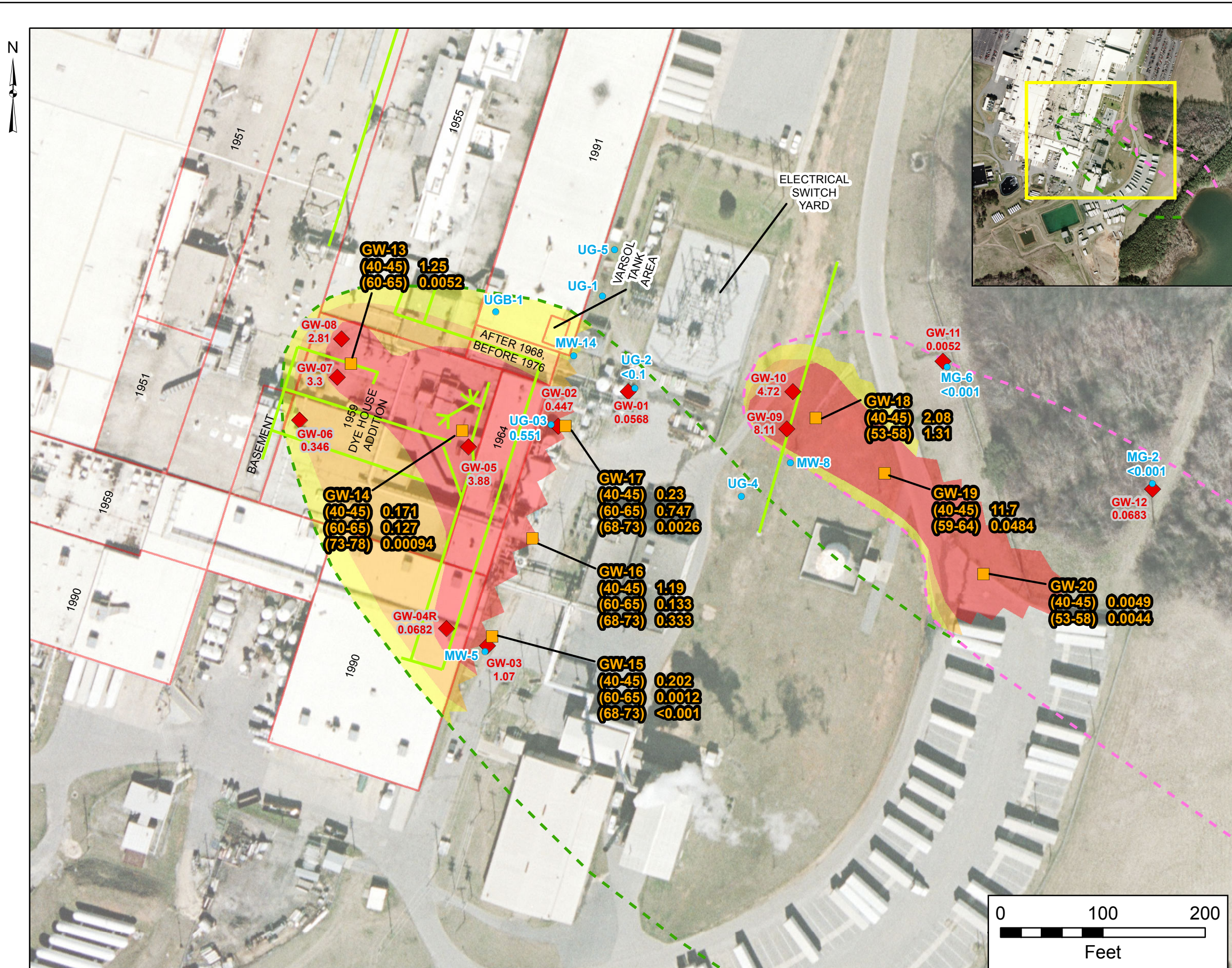
- 0.005 - 0.1 mg/L
- >0.1 - 1 mg/L
- >1 - 5 mg/L
- > 5 mg/L

NOTES

Aerial Photograph taken March 2005,
Courtesy of Oconee County, SC



WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
LOCATION OF PCE PLUMES		
DRAWN BY: TLH	SCALE: AS NOTED	PROJECT NO.: 205809.0.0.1
CHECKED BY: MAH		DATE: DECEMBER 2013
APPROVED BY: DOM		FIGURE NO.: 2
		Patewood Plaza One, Suite 100 30 Patewood Drive Greenville, SC 29615-3535 Phone: 864-281-0030 FAX: 864-281-0288



LEGEND

- *IN SITU* GROUNDWATER SAMPLE LOCATION, SAMPLE INTERVAL AND PCE CONCENTRATION (MAY 2009)
- ◆ *IN SITU* GROUNDWATER SAMPLE LOCATION AND PCE CONCENTRATION (JANUARY 2009)
- MONITORING WELL AND PCE CONCENTRATION (JANUARY 2009)
- - - APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, UPGRADIENT PLUME
- - - APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, DOWNGRADIENT PLUME
- SUBSURFACE DRAIN LINES (LOCATIONS APPROXIMATE)

MIPS GROUNDWATER ECD LEVEL (RELATIVE)

- LOW
- MEDIUM
- HIGH

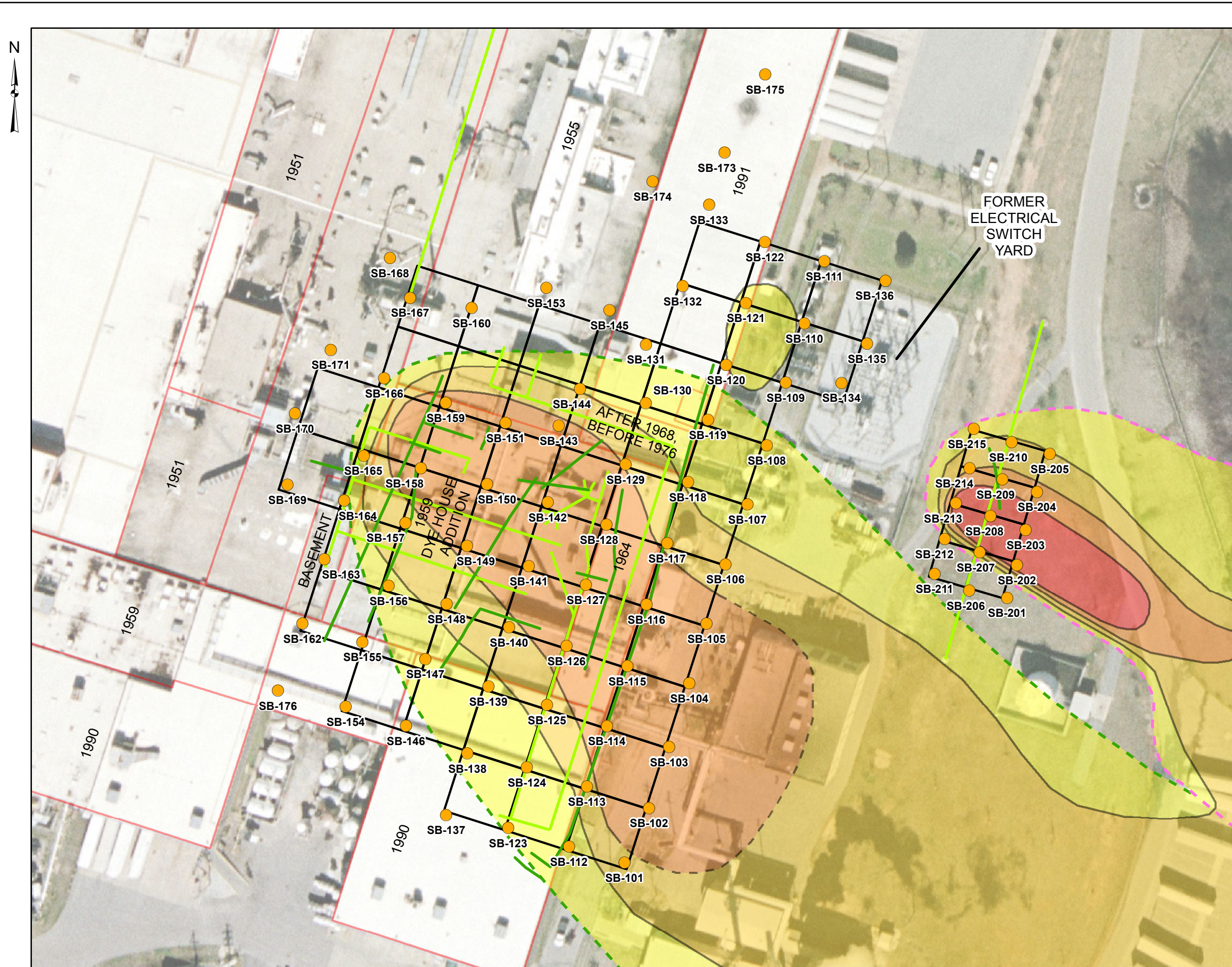
NOTES

Aerial Photograph taken March 2005, Courtesy of Oconee County, SC.

PCE concentrations in mg/L.

Sample intervals are in feet below land surface.

WESTPOINT HOME CLEMSON, SOUTH CAROLINA		
PCE CONCENTRATIONS IN <i>IN SITU</i> GROUNDWATER SAMPLES AND SELECT WELLS		
DRAWN BY: TLH	SCALE: AS NOTED	PROJECT NO.: 205809.0.0.1
CHECKED BY: MAH		DATE: DECEMBER 2013
APPROVED BY: DOM		FIGURE NO.: 3
		Patewood Plaza One, Suite 300 30 Patewood Drive Greenville, SC 29615-3535 Phone: 864-281-0030 FAX: 864-281-0288



LEGEND

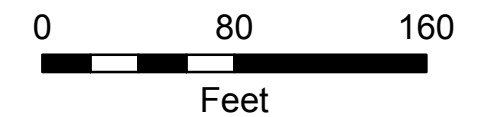
- SOIL SAMPLE LOCATION
- SUBSURFACE DRAIN LINES BASED ON HISTORICAL DRAWINGS (LOCATIONS APPROXIMATE)
- SUBSURFACE DRAIN LINES IDENTIFIED AND REMOVED AUGUST 2009
- - - APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, UPGRADIENT PLUME
- - - APPROXIMATE AFFECTED GROUNDWATER BOUNDARY, DOWNGRADIENT PLUME

DISSOLVED PCE CONCENTRATION MAY/NOVEMBER 2009

- 0.005 - 0.1 mg/L
- >0.1 - 1 mg/L
- >1 - 5 mg/L
- > 5 mg/L

NOTES

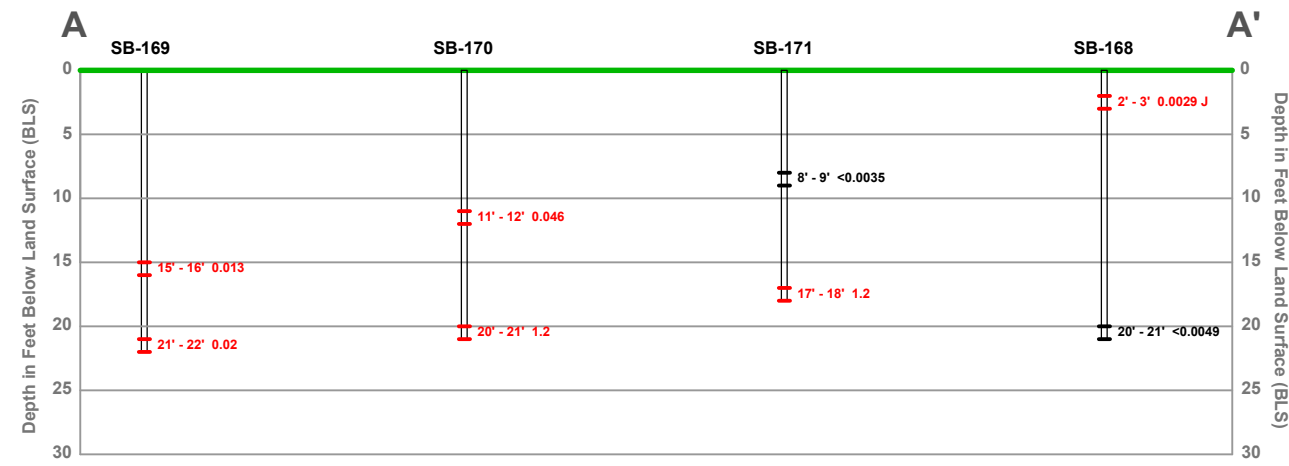
Aerial Photograph taken March 2005, Courtesy of Oconee County, SC



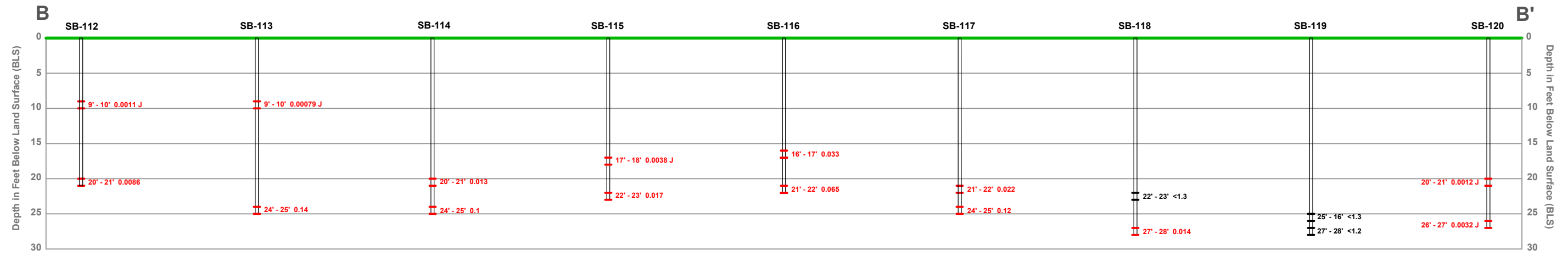
WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
SOIL SAMPLING LOCATIONS AUGUST 19 - SEPTEMBER 6, 2013		
DRAWN BY: TLH	SCALE: AS NOTED	PROJECT NO.: 205809.0.0.1
CHECKED BY: MAH		DATE: DECEMBER 2013
APPROVED BY: DOM		FIGURE NO.: 4
		Patewood Plaza One, Suite 300 30 Patewood Drive Greenville, SC 29615-3535 Phone: 864-281-0030 FAX: 864-281-0288

PLOT DATA
 Drawing Name: J:\CAD\WPH\Clemson\2013_08-09_Sampling\CrossSections.dwg
 Operator Name: FEIGL, ADAM
 Drawing Plot Scale: 0.388883
 Dwg Size: 0.92 Mb
 Plot Date: December 16, 2013
 Plot Time: 2:29 PM
 Attached Xrefs:
 Attached Images:
 Layout: XSECTAB

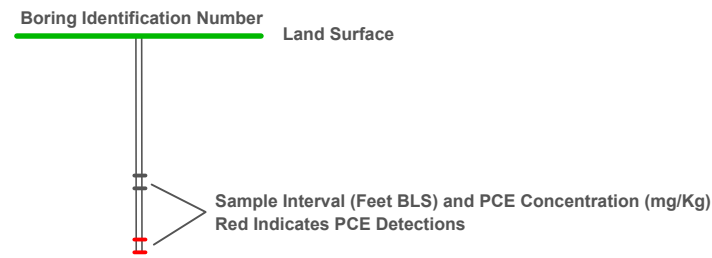
Cross Section A-A'



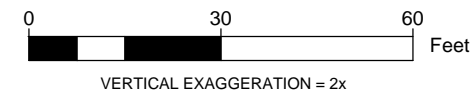
Cross Section B-B'



Symbol Key



NOTE: Land surface not corrected for elevation.



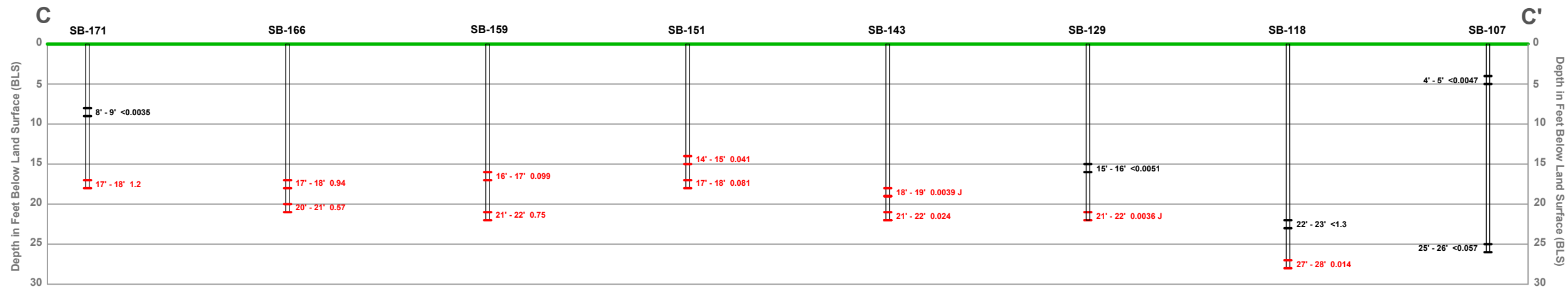
PROJECT:			WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
SHEET TITLE:			CROSS SECTIONS A-A' & B-B'		
DRAWN BY:	AMF	SCALE:	AS NOTED	PROJ. NO.	205809.0.0.3
CHECKED BY:	BCK/DOM	DATE PRINTED:		FILE NO.	CrossSections.dwg
APPROVED BY:	SWW	FIGURE 5			
DATE:	DECEMBER 2013				



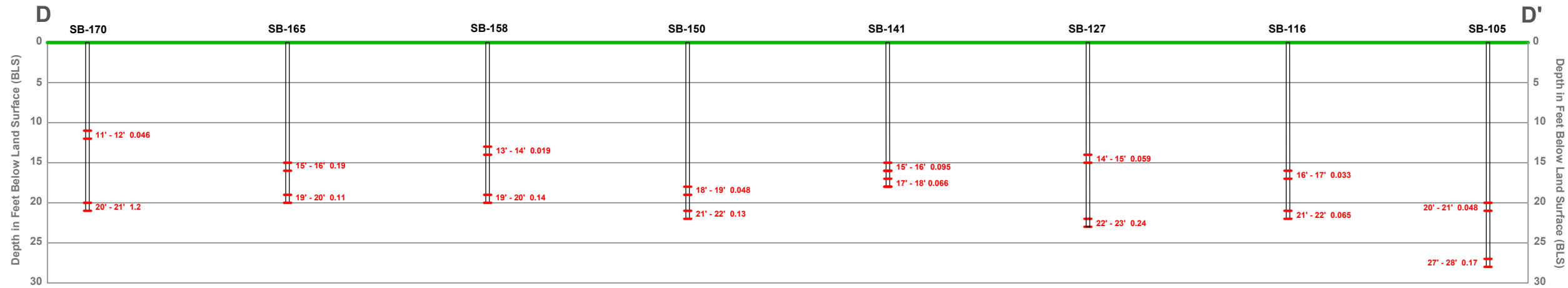
Patewood Plaza One, Suite 300
 30 Patewood Drive
 Greenville, SC 29615
 Phone: 864-281-0030

PLOT DATA
 Drawing Name: J:\CAD\WPH\Clemson\2013_08-09_Sampling\CrossSections.dwg
 Operator Name: FEIGL, ADAM
 Drawing Plot Scale: 0.388883
 Dwg Size: 0.92 Mb
 Plot Date: December 16, 2013
 Plot Time: 2:30 PM
 Attached Xrefs: XSECTCD
 Attached Images:
 Layout:

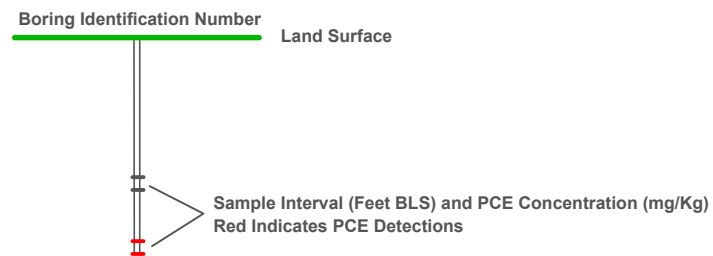
Cross Section C-C'



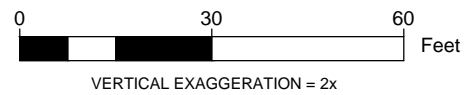
Cross Section D-D'



Symbol Key



NOTE: Land surface not corrected for elevation.

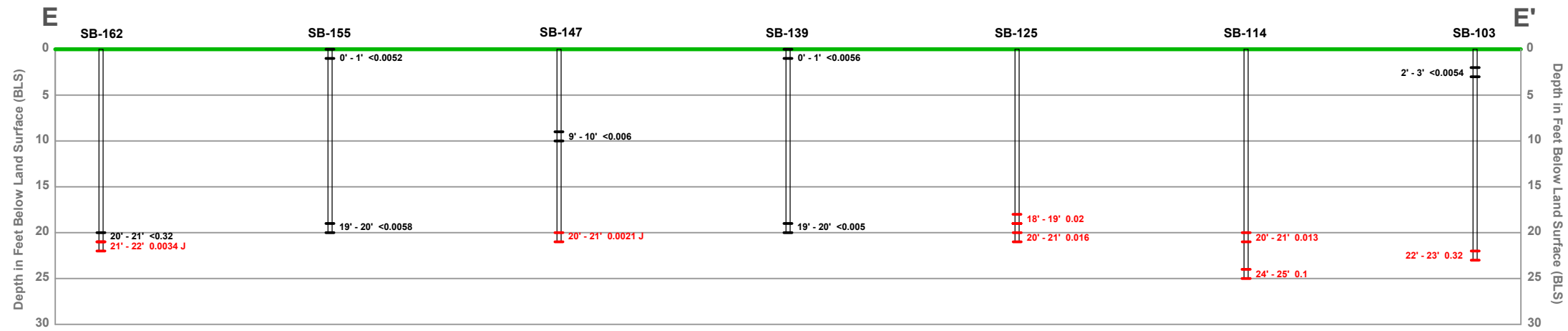


PROJECT:		WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA	
SHEET TITLE:		CROSS SECTIONS C-C' & D-D'	
DRAWN BY: AMF	SCALE: AS NOTED	PROJ. NO. 205809.0.0.3	FILE NO. CrossSections.dwg
CHECKED BY: BCK/DOM	DATE PRINTED:	FIGURE 6	
APPROVED BY: SWW	DATE: DECEMBER 2013		

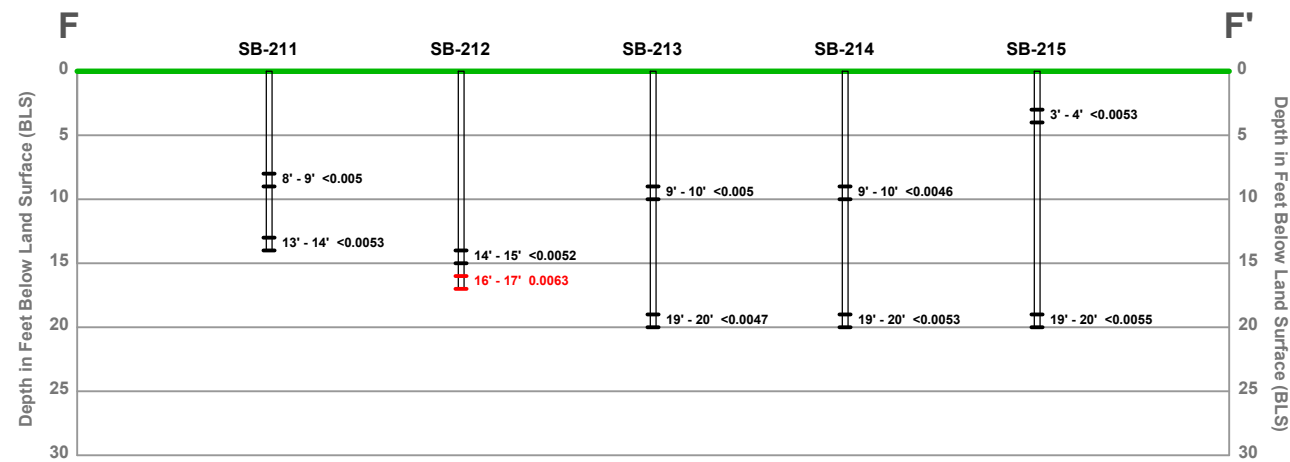
Patewood Plaza One, Suite 300
 30 Patewood Drive
 Greenville, SC 29615
 Phone: 864-281-0030

PLOT DATA
 Drawing Name: J:\CAD\WPH\Clemson\2013_08-09_Sampling\CrossSections.dwg
 Operator Name: FEIGL, ADAM
 Drawing Plot Scale: 0.388883
 Dwg Size: 0.92 Mb
 Plot Date: December 16, 2013
 Plot Time: 2:31 PM
 Attached Xrefs:
 Attached Images:
 Layout: XSECTEFG

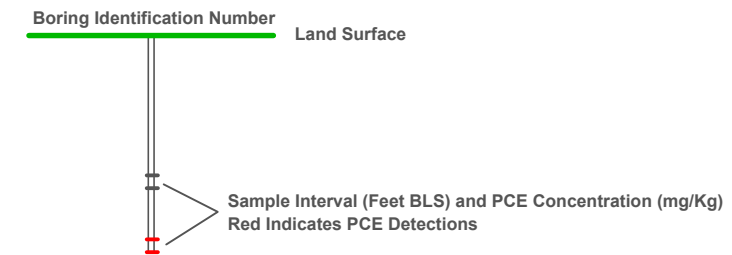
Cross Section E-E'



Cross Section F-F'

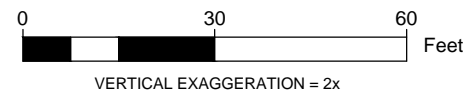
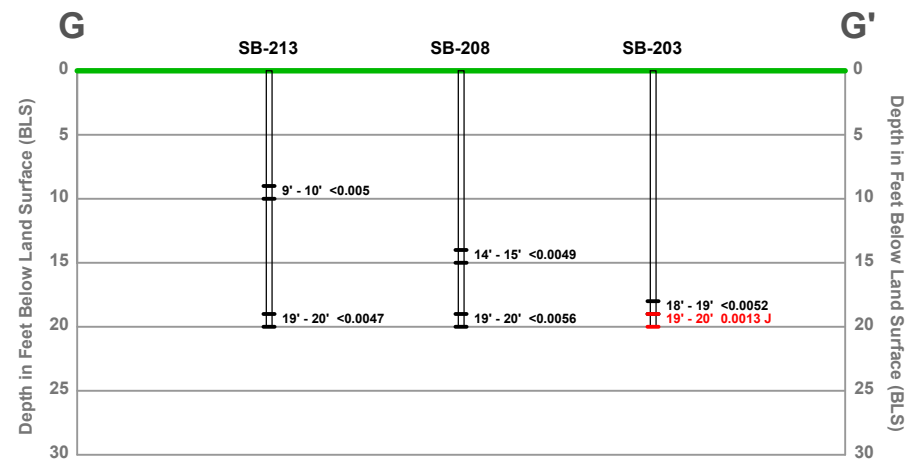


Symbol Key



NOTE: Land surface not corrected for elevation.

Cross Section G-G'

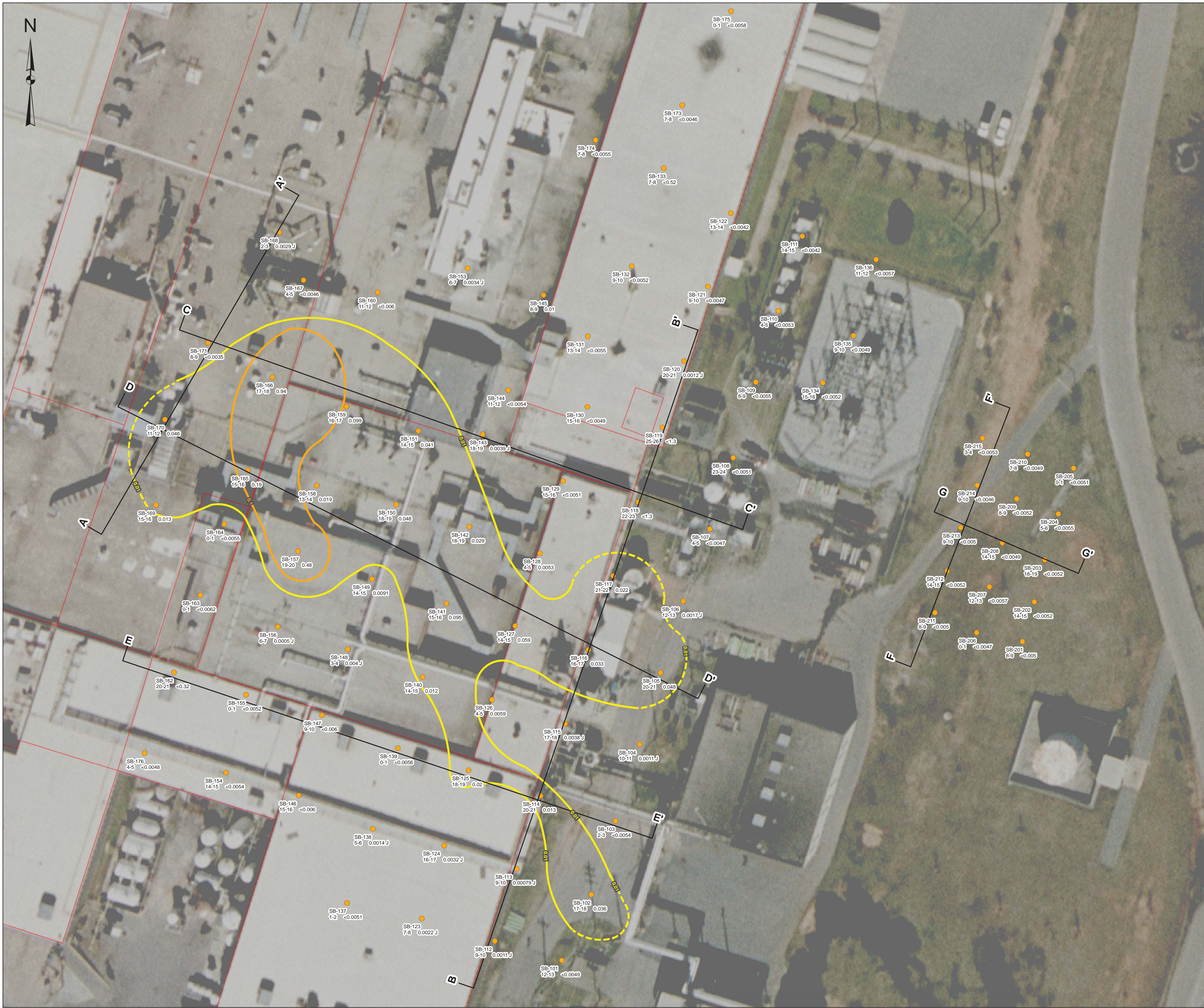


PROJECT:			WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
SHEET TITLE:			CROSS SECTIONS E-E', F-F', & G-G'		
DRAWN BY:	AMF	SCALE:	AS NOTED	PROJ. NO.	205809.0.0.3
CHECKED BY:	BCK/DOM	DATE PRINTED:		FILE NO.	CrossSections.dwg
APPROVED BY:	SWW	FIGURE 7			
DATE:	DECEMBER 2013				



Patewood Plaza One, Suite 300
 30 Patewood Drive
 Greenville, SC 29615
 Phone: 864-281-0030

Plates



LEGEND

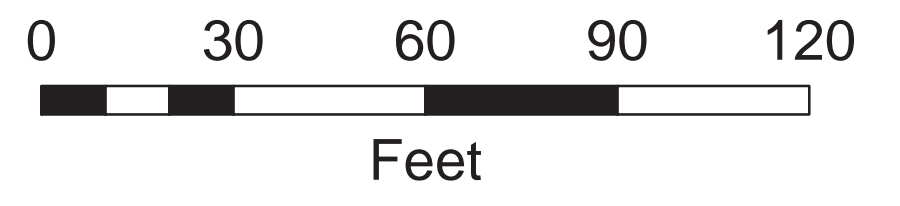
- SOIL SAMPLE LOCATION
SAMPLE DEPTH RANGE AND PCE CONCENTRATION (MG/KG) POSTED
- SOIL PCE CONCENTRATION ISOCONTOURS:
(DASHED WHERE INFERRED)
- 0.01 mg/kg
- 0.1 mg/kg
- 1.0 mg/kg
- CROSS SECTION

NOTES

Aerial Photograph taken March 2005, Courtesy of Oconee County, SC

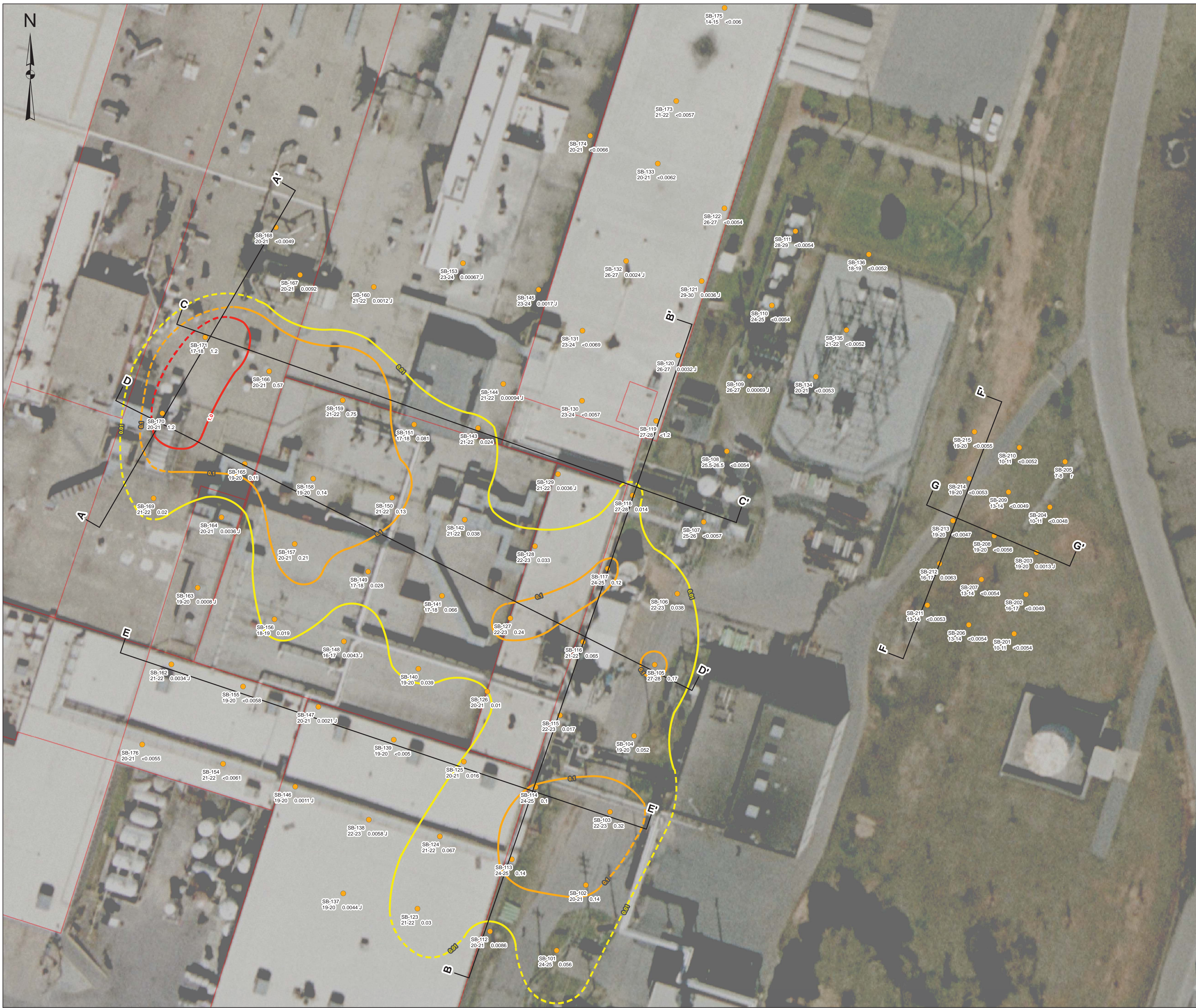
J - Estimated concentration

r - Analytical result unusable



WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
SOIL PCE CONCENTRATIONS SHALLOWER INTERVAL (AUGUST 19 - SEPTEMBER 6, 2013)		
DRAWN BY: AMF	SCALE: AS NOTED	PROJECT NO.: 205809.0.0.1
CHECKED BY: MAH	DATE PRINTED:	FILE NO.: AS NOTED
APPROVED BY: DOM	DATE: DECEMBER 2013	PLATE 1
		Patwood Plaza One, Suite 300 Greenville, SC 29615 (864) 281-0030

Path: P:_Vision\205809 - WPH Clemson\ArcGIS\10\2013\PCE\Shallow\2013Q3_PCE_24x36.mxd
Date Saved: 12/4/2013 5:06:17 PM



LEGEND

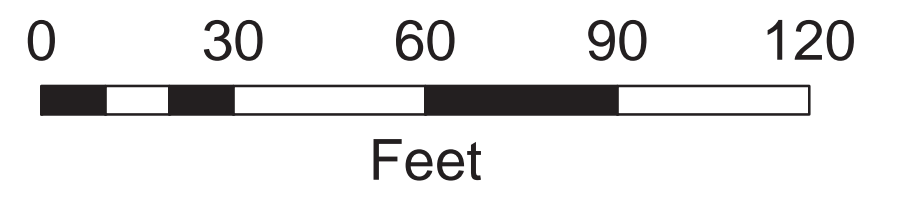
- SOIL SAMPLE LOCATION
SAMPLE DEPTH RANGE AND PCE CONCENTRATION (MG/KG) POSTED
- SOIL PCE CONCENTRATION ISOCONTOURS:
(DASHED WHERE INFERRED)
- 0.01 mg/kg
- 0.1 mg/kg
- 1.0 mg/kg
- A — A' CROSS SECTION

NOTES

Aerial Photograph taken March 2005, Courtesy of Oconee County, SC

J - Estimated concentration

r - Analytical result unusable



WESTPOINT HOME, INC. CLEMSON, SOUTH CAROLINA		
SOIL PCE CONCENTRATIONS IMMEDIATELY ABOVE THE ZONE OF SATURATION (AUGUST 19 - SEPTEMBER 6, 2013)		
DRAWN BY: AMF	SCALE: AS NOTED	PROJECT NO.: 205809.0.0.1
CHECKED BY: MAH	DATE PRINTED:	FILE NO.: AS NOTED
APPROVED BY: DOM	PLATE 2	
DATE: DECEMBER 2013		

Appendix A

Summary of Soil PID Screening Results

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-101/0.5	8/19/2013	0
SB-101/1.5	8/19/2013	0
SB-101/2.5	8/19/2013	0
SB-101/3.5	8/19/2013	0
SB-101/4.5	8/19/2013	0
SB-101/5.5	8/19/2013	0
SB-101/6.5	8/19/2013	0.7
SB-101/7.5	8/19/2013	0.9
SB-101/8.5	8/19/2013	1.1
SB-101/9.5	8/19/2013	0.4
SB-101/10.5	8/19/2013	0
SB-101/11.5	8/19/2013	0
SB-101/12.5	8/19/2013	5.1
SB-101/13.5	8/19/2013	1.1
SB-101/14.5	8/19/2013	1.2
SB-101/15.5	8/19/2013	0.7
SB-101/16.5	8/19/2013	0
SB-101/17.5	8/19/2013	0
SB-101/18.5	8/19/2013	0.3
SB-101/19.5	8/19/2013	0
SB-101/20.5	8/19/2013	0
SB-101/21.5	8/19/2013	0
SB-101/22.5	8/19/2013	0
SB-101/23.5	8/19/2013	0
SB-101/24.5	8/19/2013	0
SB-101/25.5	8/19/2013	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-102/0.5	08/19/13	0
SB-102/1.5	08/19/13	0
SB-102/2.5	08/19/13	0
SB-102/3.5	08/19/13	0
SB-102/4.5	08/19/13	0
SB-102/5.5	08/19/13	0
SB-102/6.5	08/19/13	0
SB-102/7.5	08/19/13	0
SB-102/8.5	08/19/13	0
SB-102/9.5	08/19/13	1.5
SB-102/10.5	08/19/13	0
SB-102/11.5	08/19/13	0
SB-102/12.5	08/19/13	0.3
SB-102/13.5	08/19/13	8.1
SB-102/14.5	08/19/13	0.5
SB-102/15.5	08/19/13	0
SB-102/16.5	08/19/13	0.5
SB-102/17.5	08/19/13	18.4
SB-102/18.5	08/19/13	0.3
SB-102/19.5	08/19/13	0
SB-102/20.5	08/19/13	0
SB-102/21.5	08/19/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-103/0.5	08/19/13	0
SB-103/1.5	08/19/13	0
SB-103/2.5	08/19/13	2.6
SB-103/3.5	08/19/13	1.0
SB-103/4.5	08/19/13	0
SB-103/5.5	08/19/13	0
SB-103/6.5	08/19/13	0
SB-103/7.5	08/19/13	0
SB-103/8.5	08/19/13	0
SB-103/9.5	08/19/13	0
SB-103/10.5	08/19/13	0
SB-103/11.5	08/19/13	0
SB-103/12.5	08/19/13	0
SB-103/13.5	08/19/13	0
SB-103/14.5	08/19/13	0
SB-103/15.5	08/19/13	0
SB-103/16.5	08/19/13	0
SB-103/17.5	08/19/13	0
SB-103/18.5	08/19/13	0
SB-103/19.5	08/19/13	0
SB-103/20.5	08/19/13	0
SB-103/21.5	08/19/13	0
SB-103/22.5	08/19/13	0
SB-103/23.5	08/19/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-104/0.5	08/19/13	0
SB-104/1.5	08/19/13	0
SB-104/2.5	08/19/13	0
SB-104/3.5	08/19/13	0
SB-104/4.5	08/19/13	0
SB-104/5.5	08/19/13	0
SB-104/6.5	08/19/13	0
SB-104/7.5	08/19/13	0
SB-104/8.5	08/19/13	0
SB-104/9.5	08/19/13	0
SB-104/10.5	08/19/13	0
SB-104/11.5	08/19/13	0
SB-104/12.5	08/19/13	0
SB-104/13.5	08/19/13	0
SB-104/14.5	08/19/13	0
SB-104/15.5	08/19/13	0
SB-104/16.5	08/19/13	0
SB-104/17.5	08/19/13	0
SB-104/18.5	08/19/13	0
SB-104/19.5	08/19/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-105/0.5	08/20/13	0
SB-105/1.5	08/20/13	0
SB-105/2.5	08/20/13	0
SB-105/3.5	08/20/13	0
SB-105/4.5	08/20/13	0
SB-105/5.5	08/20/13	0.2
SB-105/6.5	08/20/13	0
SB-105/7.5	08/20/13	0
SB-105/8.5	08/20/13	0
SB-105/9.5	08/20/13	0
SB-105/10.5	08/20/13	0
SB-105/11.5	08/20/13	0
SB-105/12.5	08/20/13	2.4
SB-105/13.5	08/20/13	0
SB-105/14.5	08/20/13	0
SB-105/15.5	08/20/13	0
SB-105/16.5	08/20/13	4.1
SB-105/17.5	08/20/13	0.6
SB-105/18.5	08/20/13	0
SB-105/19.5	08/20/13	0
SB-105/20.5	08/20/13	4.1
SB-105/21.5	08/20/13	0.6
SB-105/22.5	08/20/13	0
SB-105/23.5	08/20/13	0
SB-105/24.5	08/20/13	0
SB-105/25.5	08/20/13	0
SB-105/26.5	08/20/13	0
SB-105/27.5	08/20/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-106/0.5	08/20/13	0
SB-106/1.5	08/20/13	0
SB-106/2.5	08/20/13	0
SB-106/3.5	08/20/13	0
SB-106/4.5	08/20/13	0.4
SB-106/5.5	08/20/13	0.2
SB-106/6.5	08/20/13	0
SB-106/7.5	08/20/13	0
SB-106/8.5	08/20/13	0
SB-106/9.5	08/20/13	0
SB-106/10.5	08/20/13	0
SB-106/11.5	08/20/13	0
SB-106/12.5	08/20/13	0.8
SB-106/13.5	08/20/13	0
SB-106/14.5	08/20/13	0
SB-106/15.5	08/20/13	0
SB-106/16.5	08/20/13	0
SB-106/17.5	08/20/13	0
SB-106/18.5	08/20/13	0
SB-106/19.5	08/20/13	0
SB-106/20.5	08/20/13	0.7
SB-106/21.5	08/20/13	0
SB-106/22.5	08/20/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-107/0.5	08/20/13	0.3
SB-107/1.5	08/20/13	0
SB-107/2.5	08/20/13	0
SB-107/3.5	08/20/13	0.2
SB-107/4.5	08/20/13	0.5
SB-107/5.5	08/20/13	0.3
SB-107/6.5	08/20/13	0.2
SB-107/7.5	08/20/13	0
SB-107/8.5	08/20/13	0
SB-107/9.5	08/20/13	0.1
SB-107/10.5	08/20/13	0
SB-107/11.5	08/20/13	0
SB-107/12.5	08/20/13	0
SB-107/13.5	08/20/13	0
SB-107/14.5	08/20/13	0
SB-107/15.5	08/20/13	0
SB-107/16.5	08/20/13	No Recovery
SB-107/17.5	08/20/13	No Recovery
SB-107/18.5	08/20/13	No Recovery
SB-107/19.5	08/20/13	No Recovery
SB-107/21.5	08/20/13	No Recovery
SB-107/22.5	08/20/13	0
SB-107/23.5	08/20/13	0
SB-107/24.5	08/20/13	0
SB-107/25.5	08/20/13	0
SB-107/26.5	08/20/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-108/0.5	08/20/13	0
SB-108/1.5	08/20/13	0
SB-108/2.5	08/20/13	0
SB-108/3.5	08/20/13	0
SB-108/4.5	08/20/13	0.1
SB-108/5.5	08/20/13	0.8
SB-108/6.5	08/20/13	0
SB-108/7.5	08/20/13	0
SB-108/8.5	08/20/13	0
SB-108/9.5	08/20/13	0
SB-108/10.5	08/20/13	0
SB-108/11.5	08/20/13	0
SB-108/12.5	08/20/13	0
SB-108/13.5	08/20/13	3.7
SB-108/14.5	08/20/13	2.2
SB-108/15.5	08/20/13	0
SB-108/16.5	08/20/13	0
SB-108/17.5	08/20/13	1.0
SB-108/18.5	08/20/13	4.7
SB-108/19.5	08/20/13	0
SB-108/20.5	08/20/13	0.3
SB-108/21.5	08/20/13	10.6
SB-108/22.5	08/20/13	0
SB-108/23.5	08/20/13	11.8
SB-108/24.5	08/20/13	0
SB-108/25.5	08/20/13	0
SB-108/26.5	08/20/13	14.8

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-109/1.0	08/21/13	5.0
SB-109/1.5	08/21/13	0
SB-109/2.5	08/21/13	0
SB-109/3.5	08/21/13	0.3
SB-109/4.5	08/21/13	0.4
SB-109/5.5	08/21/13	0.6
SB-109/6.5	08/21/13	0.9
SB-109/7.5	08/21/13	0.7
SB-109/8.5	08/21/13	1.9
SB-109/9.5	08/21/13	0
SB-109/10.5	08/21/13	0
SB-109/11.5	08/21/13	0
SB-109/12.5	08/21/13	0.1
SB-109/13.5	08/21/13	0
SB-109/14.5	08/21/13	0.1
SB-109/15.5	08/21/13	0
SB-109/16.5	08/21/13	1.4
SB-109/17.5	08/21/13	0
SB-109/18.5	08/21/13	0
SB-109/19.5	08/21/13	0
SB-109/20.5	08/21/13	0.8
SB-109/21.5	08/21/13	0
SB-109/22.5	08/21/13	0
SB-109/23.5	08/21/13	0
SB-109/24.5	08/21/13	0
SB-109/25.5	08/21/13	0
SB-109/26.5	08/21/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-110/2.5	08/21/13	0
SB-110/3.5	08/21/13	0
SB-110/4.5	08/21/13	33.4
SB-110/5.5	08/21/13	0.8
SB-110/6.5	08/21/13	0.2
SB-110/7.5	08/21/13	0.3
SB-110/8.5	08/21/13	0
SB-110/9.5	08/21/13	0.1
SB-110/10.5	08/21/13	0.2
SB-110/11.5	08/21/13	0.1
SB-110/12.5	08/21/13	No Recovery
SB-110/13.5	08/21/13	0.6
SB-110/14.5	08/21/13	0
SB-110/15.5	08/21/13	0
SB-110/17.0	08/21/13	0
SB-110/17.5	08/21/13	0
SB-110/18.5	08/21/13	0
SB-110/19.5	08/21/13	0
SB-110/20.5	08/21/13	0
SB-110/21.5	08/21/13	0
SB-110/22.5	08/21/13	0
SB-110/23.5	08/21/13	0
SB-110/24.5	08/21/13	0
SB-110/25.5	08/21/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-111/1.5	08/21/13	0
SB-111/2.5	08/21/13	0
SB-111/3.5	08/21/13	0
SB-111/5.0	08/21/13	0
SB-111/5.5	08/21/13	0
SB-111/6.5	08/21/13	0
SB-111/7.5	08/21/13	0
SB-111/8.5	08/21/13	0
SB-111/9.5	08/21/13	0
SB-111/10.5	08/21/13	0
SB-111/11.5	08/21/13	0
SB-111/12.5	08/21/13	0
SB-111/13.5	08/21/13	0
SB-111/14.5	08/21/13	0
SB-111/15.5	08/21/13	0
SB-111/16.5	08/21/13	0
SB-111/17.5	08/21/13	0
SB-111/18.5	08/21/13	0
SB-111/19.5	08/21/13	0
SB-111/22.0	08/21/13	0
SB-111/22.5	08/21/13	0
SB-111/23.5	08/21/13	0
SB-111/24.5	08/21/13	0
SB-111/25.5	08/21/13	0
SB-111/26.5	08/21/13	0
SB-111/27.5	08/21/13	0
SB-111/28.0	08/21/13	0
SB-111/28.5	08/21/13	0
SB-111/29.5	08/21/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-112/0.5	08/23/13	0.2
SB-112/1.5	08/23/13	0.2
SB-112/2.5	08/23/13	0
SB-112/3.5	08/23/13	0
SB-112/4.5	08/23/13	0.1
SB-112/5.5	08/23/13	0.1
SB-112/6.5	08/23/13	0
SB-112/7.5	08/23/13	0
SB-112/8.5	08/23/13	0.3
SB-112/9.5	08/23/13	0.8
SB-112/10.5	08/23/13	0
SB-112/11.5	08/23/13	0
SB-112/12.5	08/23/13	0
SB-112/13.5	08/23/13	0
SB-112/14.5	08/23/13	0
SB-112/15.5	08/23/13	0
SB-112/16.5	08/23/13	0
SB-112/17.5	08/23/13	0
SB-112/18.5	08/23/13	0
SB-112/19.5	08/23/13	0
SB-112/20.5	08/23/13	0.1

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-113/0.5	08/23/13	0
SB-113/1.5	08/23/13	0
SB-113/2.5	08/23/13	0
SB-113/3.5	08/23/13	0
SB-113/4.5	08/23/13	0
SB-113/5.5	08/23/13	0
SB-113/6.5	08/23/13	0
SB-113/7.5	08/23/13	0
SB-113/8.5	08/23/13	2.4
SB-113/9.5	08/23/13	6.5
SB-113/10.5	08/23/13	1.7
SB-113/11.5	08/23/13	1.4
SB-113/12.5	08/23/13	0.4
SB-113/13.5	08/23/13	0.1
SB-113/14.5	08/23/13	0.5
SB-113/15.5	08/23/13	0
SB-113/16.5	08/23/13	0.2
SB-113/17.5	08/23/13	0
SB-113/18.5	08/23/13	3.2
SB-113/19.5	08/23/13	0
SB-113/20.5	08/23/13	0
SB-113/21.5	08/23/13	0
SB-113/22.5	08/23/13	1.1
SB-113/23.5	08/23/13	0
SB-113/24.5	08/23/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-114/0.5	08/23/13	0
SB-114/1.5	08/23/13	0
SB-114/2.5	08/23/13	0
SB-114/3.5	08/23/13	0
SB-114/4.5	08/23/13	0
SB-114/5.5	08/23/13	0
SB-114/6.5	08/23/13	0
SB-114/7.5	08/23/13	0
SB-114/8.5	08/23/13	0.5
SB-114/9.5	08/23/13	0.5
SB-114/10.5	08/23/13	0.3
SB-114/11.5	08/23/13	0
SB-114/12.5	08/23/13	0
SB-114/13.5	08/23/13	0
SB-114/14.5	08/23/13	0
SB-114/15.5	08/23/13	0.1
SB-114/16.5	08/23/13	0.2
SB-114/17.5	08/23/13	0
SB-114/18.5	08/23/13	0
SB-114/19.5	08/23/13	0
SB-114/20.5	08/23/13	1.7
SB-114/21.5	08/23/13	0
SB-114/22.5	08/23/13	0
SB-114/23.5	08/23/13	0
SB-114/24.5	08/23/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-115/0.5	08/22/13	0
SB-115/1.5	08/22/13	0
SB-115/2.5	08/22/13	0.1
SB-115/3.5	08/22/13	0
SB-115/4.5	08/22/13	0
SB-115/5.5	08/22/13	0
SB-115/6.5	08/22/13	0
SB-115/7.5	08/22/13	0
SB-115/8.5	08/22/13	0
SB-115/9.5	08/22/13	0
SB-115/10.5	08/22/13	0
SB-115/11.5	08/22/13	0
SB-115/12.5	08/22/13	0
SB-115/13.5	08/22/13	0
SB-115/14.5	08/22/13	0
SB-115/15.5	08/22/13	0
SB-115/16.5	08/22/13	0
SB-115/17.5	08/22/13	2.9
SB-115/18.5	08/22/13	0
SB-115/19.5	08/22/13	0
SB-115/20.5	08/22/13	0
SB-115/21.5	08/22/13	0
SB-115/22.5	08/22/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-116/0.5	08/22/13	0
SB-116/1.5	08/22/13	0
SB-116/2.5	08/22/13	0
SB-116/3.5	08/22/13	0
SB-116/4.5	08/22/13	0
SB-116/5.5	08/22/13	0
SB-116/6.5	08/22/13	0
SB-116/7.5	08/22/13	0
SB-116/8.5	08/22/13	0.1
SB-116/9.5	08/22/13	0.2
SB-116/10.5	08/22/13	0.7
SB-116/11.5	08/22/13	0.1
SB-116/12.5	08/22/13	0.1
SB-116/13.5	08/22/13	0.8
SB-116/14.5	08/22/13	1.5
SB-116/15.5	08/22/13	3.8
SB-116/16.5	08/22/13	6.3
SB-116/17.5	08/22/13	0
SB-116/18.5	08/22/13	0
SB-116/19.5	08/22/13	0
SB-116/20.5	08/22/13	0
SB-116/21.5	08/22/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-117/0.5	08/22/13	0.6
SB-117/1.5	08/22/13	0.4
SB-117/2.5	08/22/13	0.8
SB-117/3.5	08/22/13	0
SB-117/4.5	08/22/13	1.4
SB-117/5.5	08/22/13	0.3
SB-117/6.5	08/22/13	0
SB-117/7.5	08/22/13	0
SB-117/8.5	08/22/13	1.0
SB-117/9.5	08/22/13	0.6
SB-117/10.5	08/22/13	0.4
SB-117/11.5	08/22/13	0
SB-117/12.0	08/22/13	No Recovery
SB-117/13.0	08/22/13	No Recovery
SB-117/14.0	08/22/13	No Recovery
SB-117/15.0	08/22/13	No Recovery
SB-117/16.0	08/22/13	No Recovery
SB-117/16.5	08/22/13	0.9
SB-117/17.5	08/22/13	0
SB-117/18.5	08/22/13	0
SB-117/19.5	08/22/13	0
SB-117/20.5	08/22/13	1.0
SB-117/21.5	08/22/13	2.8
SB-117/22.5	08/22/13	0
SB-117/23.5	08/22/13	0.4
SB-117/24.5	08/22/13	0.2

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-118/0.5	08/22/13	3.7
SB-118/1.5	08/22/13	2.0
SB-118/2.5	08/22/13	2.4
SB-118/3.5	08/22/13	2.4
SB-118/4.5	08/22/13	1.4
SB-118/5.5	08/22/13	0.9
SB-118/6.5	08/22/13	0.7
SB-118/7.5	08/22/13	0.8
SB-118/8.5	08/22/13	15.5
SB-118/9.5	08/22/13	7.0
SB-118/10.5	08/22/13	No Recovery
SB-118/11.5	08/22/13	No Recovery
SB-118/12.5	08/22/13	1.0
SB-118/13.5	08/22/13	0.4
SB-118/14.5	08/22/13	1.0
SB-118/15.5	08/22/13	0.3
SB-118/16.5	08/22/13	17.5
SB-118/17.5	08/22/13	23.2
SB-118/18.5	08/22/13	0
SB-118/19.5	08/22/13	2.1
SB-118/20.5	08/22/13	20.1
SB-118/21.5	08/22/13	488
SB-118/22.5	08/22/13	2600
SB-118/23.5	08/22/13	660
SB-118/24.5	08/22/13	50.4
SB-118/25.5	08/22/13	57.4
SB-118/26.5	08/22/13	85.8
SB-118/27.5	08/22/13	9.8
SB-118/28.5	08/22/13	9.2

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-119/0.5	08/22/13	0
SB-119/1.5	08/22/13	0
SB-119/2.5	08/22/13	0
SB-119/3.5	08/22/13	0
SB-119/4.5	08/22/13	0
SB-119/5.5	08/22/13	0
SB-119/6.5	08/22/13	0
SB-119/7.5	08/22/13	0
SB-119/8.5	08/22/13	0.2
SB-119/9.5	08/22/13	0.8
SB-119/10.5	08/22/13	0.3
SB-119/11.5	08/22/13	0
SB-119/12.5	08/22/13	0
SB-119/13.5	08/22/13	0
SB-119/14.5	08/22/13	0
SB-119/15.5	08/22/13	0.6
SB-119/16.5	08/22/13	0.2
SB-119/17.5	08/22/13	0
SB-119/18.5	08/22/13	0
SB-119/19.5	08/22/13	0.3
SB-119/20.5	08/22/13	0
SB-119/21.5	08/22/13	497
SB-119/22.5	08/22/13	2035.0
SB-119/23.5	08/22/13	15.4
SB-119/24.5	08/22/13	15.1
SB-119/25.5	08/22/13	6700.0
SB-119/26.5	08/22/13	813.0
SB-119/27.5	08/22/13	63.0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-120/0.5	08/21/13	0
SB-120/1.5	08/21/13	0
SB-120/2.5	08/21/13	0
SB-120/3.5	08/21/13	0
SB-120/4.5	08/21/13	0.7
SB-120/5.5	08/21/13	0
SB-120/6.5	08/21/13	0
SB-120/7.0	08/21/13	0
SB-120/7.5	08/21/13	0
SB-120/8.5	08/21/13	0
SB-120/9.5	08/21/13	0
SB-120/10.5	08/21/13	0
SB-120/11.5	08/21/13	0
SB-120/12.5	08/21/13	0
SB-120/13.5	08/21/13	0
SB-120/14.5	08/21/13	0
SB-120/15.5	08/21/13	0
SB-120/16.5	08/21/13	0
SB-120/17.5	08/21/13	0.5
SB-120/18.5	08/21/13	0
SB-120/19.5	08/21/13	0.4
SB-120/20.5	08/21/13	39.3
SB-120/21.5	08/21/13	0.7
SB-120/22.5	08/21/13	19.2
SB-120/23.5	08/21/13	5.8
SB-120/24.5	08/21/13	4.1
SB-120/25.5	08/21/13	7.8
SB-120/26.5	08/21/13	96.5
SB-120/27.5	08/21/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-121/0.5	08/21/13	0
SB-121/1.5	08/21/13	0
SB-121/2.5	08/21/13	0
SB-121/3.5	08/21/13	0
SB-121/4.5	08/21/13	0.3
SB-121/5.5	08/21/13	0.4
SB-121/6.5	08/21/13	0
SB-121/7.5	08/21/13	0
SB-121/8.5	08/21/13	0
SB-121/9.5	08/21/13	0.6
SB-121/10.5	08/21/13	0.4
SB-121/11.5	08/21/13	0.3
SB-121/12.5	08/21/13	0
SB-121/13.5	08/21/13	0
SB-121/14.5	08/21/13	0.2
SB-121/15.5	08/21/13	0
SB-121/16.5	08/21/13	0
SB-121/17.5	08/21/13	0
SB-121/18.5	08/21/13	0
SB-121/19.5	08/21/13	0
SB-121/20.5	08/21/13	0
SB-121/21.5	08/21/13	0
SB-121/22.5	08/21/13	0
SB-121/23.5	08/21/13	0.3
SB-121/24.5	08/21/13	0
SB-121/25.5	08/21/13	0
SB-121/26.5	08/21/13	0
SB-121/27.5	08/21/13	0
SB-121/28.5	08/21/13	0
SB-121/29.5	08/21/13	0
SB-121/30.5	08/21/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-122/0.5	08/21/13	0
SB-122/1.5	08/21/13	0
SB-122/2.5	08/21/13	0
SB-122/3.5	08/21/13	0
SB-122/4.5	08/21/13	0
SB-122/5.5	08/21/13	0
SB-122/6.5	08/21/13	0
SB-122/7.5	08/21/13	0
SB-122/8.5	08/21/13	0
SB-122/9.5	08/21/13	0
SB-122/10.5	08/21/13	0
SB-122/11.5	08/21/13	0
SB-122/12.5	08/21/13	0
SB-122/13.5	08/21/13	0.1
SB-122/14.5	08/21/13	0.1
SB-122/15.5	08/21/13	0
SB-122/16.5	08/21/13	0
SB-122/17.5	08/21/13	0
SB-122/18.5	08/21/13	0
SB-122/19.5	08/21/13	0
SB-122/20.5	08/21/13	0
SB-122/21.5	08/21/13	0
SB-122/22.5	08/21/13	0
SB-122/23.5	08/21/13	0
SB-122/24.5	08/21/13	0
SB-122/25.5	08/21/13	0
SB-122/26.5	08/21/13	0
SB-122/27.5	08/21/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-123/0.5	08/23/13	No Recovery
SB-123/1.5	08/23/13	0
SB-123/2.5	08/23/13	2.2
SB-123/3.5	08/23/13	0
SB-123/4.5	08/23/13	No Recovery
SB-123/5.5	08/23/13	0.2
SB-123/6.5	08/23/13	0.8
SB-123/7.5	08/23/13	0.9
SB-123/8.5	08/23/13	No Recovery
SB-123/9.5	08/23/13	0
SB-123/10.5	08/23/13	0
SB-123/11.5	08/23/13	0
SB-123/12.5	08/23/13	0
SB-123/13.5	08/23/13	0
SB-123/14.5	08/23/13	0
SB-123/15.5	08/23/13	0
SB-123/16.5	08/23/13	0
SB-123/17.5	08/23/13	0
SB-123/18.5	08/23/13	0
SB-123/19.5	08/23/13	0
SB-123/20.5	08/23/13	0
SB-123/21.5	08/23/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-124/0.5	08/23/13	0
SB-124/1.5	08/23/13	0
SB-124/2.5	08/23/13	0
SB-124/3.5	08/23/13	0
SB-124/4.5	08/23/13	2.6
SB-124/5.5	08/23/13	4.0
SB-124/6.5	08/23/13	3.2
SB-124/7.5	08/23/13	2.8
SB-124/8.5	08/23/13	0
SB-124/9.5	08/23/13	2.7
SB-124/10.5	08/23/13	3.4
SB-124/11.5	08/23/13	3.1
SB-124/12.5	08/23/13	0.3
SB-124/13.5	08/23/13	0
SB-124/14.5	08/23/13	1.1
SB-124/15.5	08/23/13	6.4
SB-124/16.5	08/23/13	8.0
SB-124/17.5	08/23/13	0.3
SB-124/18.5	08/23/13	0
SB-124/19.5	08/23/13	0
SB-124/20.5	08/23/13	0
SB-124/21.5	08/23/13	0.6

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-125/0.5	08/23/13	0
SB-125/1.5	08/23/13	0
SB-125/2.5	08/23/13	0.3
SB-125/3.5	08/23/13	0
SB-125/4.5	08/23/13	0.7
SB-125/5.5	08/23/13	0
SB-125/6.5	08/23/13	0.9
SB-125/7.5	08/23/13	0.2
SB-125/8.5	08/23/13	0
SB-125/9.5	08/23/13	1.0
SB-125/10.5	08/23/13	0
SB-125/11.5	08/23/13	0
SB-125/12.5	08/23/13	0
SB-125/13.5	08/23/13	0
SB-125/14.5	08/23/13	0
SB-125/15.5	08/23/13	1.0
SB-125/16.5	08/23/13	0
SB-125/17.5	08/23/13	0
SB-125/18.5	08/23/13	1.4
SB-125/19.5	08/23/13	0
SB-125/20.5	08/23/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-126/0.5	08/26/13	6.0
SB-126/1.5	08/26/13	4.1
SB-126/2.5	08/26/13	2.2
SB-126/3.5	08/26/13	2.5
SB-126/4.5	08/26/13	31.8
SB-126/5.5	08/26/13	1.7
SB-126/6.5	08/26/13	1.1
SB-126/7.5	08/26/13	1.2
SB-126/8.5	08/26/13	0
SB-126/9.5	08/26/13	0
SB-126/10.5	08/26/13	0
SB-126/11.5	08/26/13	0
SB-126/12.5	08/26/13	0
SB-126/13.5	08/26/13	0
SB-126/14.5	08/26/13	0
SB-126/15.5	08/26/13	0.2
SB-126/16.5	08/26/13	0
SB-126/17.5	08/26/13	0
SB-126/18.5	08/26/13	0
SB-126/19.5	08/26/13	0
SB-126/20.5	08/26/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-127/0.5	08/26/13	0
SB-127/1.5	08/26/13	0
SB-127/2.5	08/26/13	0
SB-127/3.5	08/26/13	0
SB-127/4.5	08/26/13	2.5
SB-127/5.5	08/26/13	1.6
SB-127/6.5	08/26/13	1.6
SB-127/7.5	08/26/13	1.1
SB-127/8.5	08/26/13	0.5
SB-127/9.5	08/26/13	2.5
SB-127/10.5	08/26/13	0
SB-127/11.5	08/26/13	8.1
SB-127/12.5	08/26/13	14.6
SB-127/13.5	08/26/13	1.0
SB-127/14.5	08/26/13	32.0
SB-127/15.5	08/26/13	30.5
SB-127/16.5	08/26/13	1.0
SB-127/17.5	08/26/13	1.6
SB-127/18.5	08/26/13	13.3
SB-127/19.5	08/26/13	0.8
SB-127/20.5	08/26/13	8.4
SB-127/21.5	08/26/13	0.1
SB-127/22.5	08/26/13	0.6

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-128/0.5	08/26/13	No Recovery
SB-128/1.5	08/26/13	31.6
SB-128/2.5	08/26/13	6.1
SB-128/3.5	08/26/13	4.2
SB-128/4.5	08/26/13	8.3
SB-128/5.5	08/26/13	No Recovery
SB-128/6.5	08/26/13	2.0
SB-128/7.5	08/26/13	1.7
SB-128/8.5	08/26/13	8.9
SB-128/9.5	08/26/13	6.6
SB-128/10.5	08/26/13	5.0
SB-128/11.5	08/26/13	2.3
SB-128/12.5	08/26/13	0.6
SB-128/13.5	08/26/13	0
SB-128/14.5	08/26/13	0.3
SB-128/15.5	08/26/13	0.1
SB-128/16.5	08/26/13	0.1
SB-128/17.5	08/26/13	0
SB-128/18.5	08/26/13	0
SB-128/19.5	08/26/13	0.6
SB-128/20.5	08/26/13	0
SB-128/21.5	08/26/13	0.1
SB-128/22.5	08/26/13	0.2

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-129/0.5	08/26/13	0
SB-129/1.5	08/26/13	0.1
SB-129/2.5	08/26/13	0.2
SB-129/3.5	08/26/13	0
SB-129/4.5	08/26/13	0.6
SB-129/5.5	08/26/13	0.9
SB-129/6.5	08/26/13	0.8
SB-129/7.5	08/26/13	0
SB-129/8.5	08/26/13	16.3
SB-129/9.5	08/26/13	0.7
SB-129/10.5	08/26/13	0
SB-129/11.5	08/26/13	0
SB-129/12.5	08/26/13	9.0
SB-129/13.5	08/26/13	6.1
SB-129/14.5	08/26/13	3.0
SB-129/15.5	08/26/13	10.6
SB-129/16.5	08/26/13	0.7
SB-129/17.5	08/26/13	0
SB-129/18.5	08/26/13	9.5
SB-129/19.5	08/26/13	0.5

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-130/0.5	08/26/13	23.4
SB-130/1.5	08/26/13	7.6
SB-130/2.5	08/26/13	1.3
SB-130/3.5	08/26/13	2.1
SB-130/4.5	08/26/13	2.4
SB-130/5.5	08/26/13	0.8
SB-130/6.5	08/26/13	0.5
SB-130/7.5	08/26/13	0.7
SB-130/8.5	08/26/13	0
SB-130/9.5	08/26/13	0
SB-130/10.5	08/26/13	0
SB-130/11.5	08/26/13	0
SB-130/12.5	08/26/13	0.2
SB-130/13.5	08/26/13	0.5
SB-130/14.5	08/26/13	0.5
SB-130/15.5	08/26/13	0.7
SB-130/16.5	08/26/13	0
SB-130/17.5	08/26/13	0
SB-130/18.5	08/26/13	0.3
SB-130/19.5	08/26/13	0
SB-130/20.5	08/26/13	0
SB-130/21.5	08/26/13	0
SB-130/22.5	08/26/13	0
SB-130/23.5	08/26/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-131/0.5	08/26/13	0
SB-131/1.5	08/26/13	0
SB-131/2.5	08/26/13	0
SB-131/3.5	08/26/13	0
SB-131/4.5	08/26/13	No Recovery
SB-131/5.5	08/26/13	0.6
SB-131/6.5	08/26/13	3.0
SB-131/7.5	08/26/13	1.4
SB-131/8.5	08/26/13	1.6
SB-131/9.5	08/26/13	1.7
SB-131/10.5	08/26/13	1.8
SB-131/11.5	08/26/13	1.6
SB-131/12.5	08/26/13	0.4
SB-131/13.5	08/26/13	3.8
SB-131/14.5	08/26/13	22
SB-131/15.5	08/26/13	0
SB-131/16.5	08/26/13	0.4
SB-131/17.5	08/26/13	0.2
SB-131/18.5	08/26/13	0.2
SB-131/19.5	08/26/13	0
SB-131/20.5	08/26/13	0
SB-131/21.5	08/26/13	0.4
SB-131/22.5	08/26/13	0
SB-131/23.5	08/26/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-132/0.5	08/26/13	0
SB-132/1.5	08/26/13	0
SB-132/2.5	08/26/13	0
SB-132/3.5	08/26/13	0
SB-132/4.5	08/26/13	0
SB-132/5.5	08/26/13	0.2
SB-132/6.5	08/26/13	0.4
SB-132/7.5	08/26/13	0.2
SB-132/8.5	08/26/13	1.3
SB-132/9.5	08/26/13	1.3
SB-132/10.5	08/26/13	0.8
SB-132/11.5	08/26/13	0.7
SB-132/12.5	08/26/13	0.5
SB-132/13.5	08/26/13	1.0
SB-132/14.5	08/26/13	0.3
SB-132/15.5	08/26/13	0
SB-132/16.5	08/26/13	0.1
SB-132/17.5	08/26/13	0.5
SB-132/18.5	08/26/13	0.4
SB-132/19.5	08/26/13	0
SB-132/20.5	08/26/13	0
SB-132/21.5	08/26/13	0
SB-132/22.5	08/26/13	0
SB-132/23.5	08/26/13	0
SB-132/24.5	08/26/13	0
SB-132/25.5	08/26/13	0
SB-132/26.5	08/26/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-133/0.5	08/27/13	1.7
SB-133/1.5	08/27/13	0.4
SB-133/2.5	08/27/13	1.7
SB-133/3.5	08/27/13	0.8
SB-133/4.5	08/27/13	1.0
SB-133/5.5	08/27/13	1.4
SB-133/6.5	08/27/13	980.0
SB-133/7.5	08/27/13	1425.0
SB-133/8.5	08/27/13	911.0
SB-133/9.5	08/27/13	144.0
SB-133/10.5	08/27/13	77.3
SB-133/11.5	08/27/13	90.2
SB-133/12.5	08/27/13	60.1
SB-133/13.5	08/27/13	126.0
SB-133/14.5	08/27/13	327.0
SB-133/15.5	08/27/13	3.2
SB-133/16.5	08/27/13	2.0
SB-133/17.5	08/27/13	0.0
SB-133/18.5	08/27/13	2.2
SB-133/19.5	08/27/13	0.9
SB-133/20.5	08/27/13	0.6

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-134/0.5	08/29/13	0
SB-134/1.5	08/29/13	0
SB-134/2.5	08/29/13	0
SB-134/3.5	08/29/13	0
SB-134/4.5	08/29/13	0
SB-134/5.5	08/29/13	0
SB-134/6.5	08/29/13	0.6
SB-134/7.5	08/29/13	1.1
SB-134/8.5	08/29/13	0
SB-134/9.5	08/29/13	0
SB-134/10.5	08/29/13	0
SB-134/11.5	08/29/13	0
SB-134/12.5	08/29/13	0.3
SB-134/13.5	08/29/13	0
SB-134/14.5	08/29/13	0
SB-134/15.5	08/29/13	1.1
SB-134/16.5	08/29/13	0
SB-134/17.5	08/29/13	0
SB-134/18.5	08/29/13	0
SB-134/19.5	08/29/13	0
SB-134/20.5	08/29/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-135/0.5	08/28/13	0
SB-135/1.5	08/28/13	0
SB-135/2.5	08/28/13	0
SB-135/3.5	08/28/13	0
SB-135/4.5	08/28/13	0
SB-135/5.5	08/28/13	0.5
SB-135/6.5	08/28/13	0.9
SB-135/7.5	08/28/13	0
SB-135/8.5	08/28/13	1.4
SB-135/9.5	08/28/13	3.1
SB-135/10.5	08/28/13	1.6
SB-135/11.5	08/28/13	0
SB-135/12.5	08/28/13	0
SB-135/13.5	08/28/13	0
SB-135/14.5	08/28/13	0
SB-135/15.5	08/28/13	0
SB-135/16.5	08/28/13	0
SB-135/17.5	08/28/13	0
SB-135/18.5	08/28/13	0
SB-135/19.5	08/28/13	0
SB-135/20.5	08/28/13	0
SB-135/21.5	08/28/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-136/0.5	08/28/13	0
SB-136/1.5	08/28/13	0
SB-136/2.5	08/28/13	0
SB-136/3.5	08/28/13	0
SB-136/4.5	08/28/13	0
SB-136/5.5	08/28/13	0
SB-136/6.5	08/28/13	0
SB-136/7.5	08/28/13	0
SB-136/8.5	08/28/13	0.3
SB-136/9.5	08/28/13	0
SB-136/10.5	08/28/13	0.4
SB-136/11.5	08/28/13	0.8
SB-136/12.5	08/28/13	0
SB-136/13.5	08/28/13	0
SB-136/14.5	08/28/13	0
SB-136/15.5	08/28/13	0
SB-136/16.5	08/28/13	0
SB-136/17.5	08/28/13	0
SB-136/18.5	08/28/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-137/0.5	09/05/13	1.1
SB-137/1.5	09/05/13	1.3
SB-137/2.5	09/05/13	0.8
SB-137/3.5	09/05/13	1.2
SB-137/4.5	09/05/13	0.6
SB-137/5.5	09/05/13	0.8
SB-137/6.5	09/05/13	0.5
SB-137/7.5	09/05/13	1.0
SB-137/8.5	09/05/13	0
SB-137/9.5	09/05/13	0.2
SB-137/10.5	09/05/13	0.2
SB-137/11.5	09/05/13	0
SB-137/12.5	09/05/13	0
SB-137/13.5	09/05/13	0
SB-137/14.5	09/05/13	0.1
SB-137/15.5	09/05/13	0.5
SB-137/16.5	09/05/13	0.4
SB-137/17.5	09/05/13	0
SB-137/18.5	09/05/13	0
SB-137/19.5	09/05/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-138/0.5	09/05/13	0
SB-138/1.5	09/05/13	0
SB-138/2.5	09/05/13	0
SB-138/3.5	09/05/13	0
SB-138/4.5	09/05/13	2.5
SB-138/5.5	09/05/13	5.9
SB-138/6.5	09/05/13	4.5
SB-138/7.5	09/05/13	3.8
SB-138/8.5	09/05/13	0.2
SB-138/9.5	09/05/13	0
SB-138/10.5	09/05/13	0.2
SB-138/11.5	09/05/13	0
SB-138/12.5	09/05/13	2.4
SB-138/13.5	09/05/13	0.4
SB-138/14.5	09/05/13	2.5
SB-138/15.5	09/05/13	0
SB-138/16.5	09/05/13	0
SB-138/17.5	09/05/13	0
SB-138/18.5	09/05/13	0.7
SB-138/19.5	09/05/13	2.3
SB-138/20.5	09/05/13	0.1
SB-138/21.5	09/05/13	0
SB-138/22.5	09/05/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-139/0.5	09/05/13	19.6
SB-139/1.5	09/05/13	0.4
SB-139/2.5	09/05/13	0.5
SB-139/3.5	09/05/13	1.4
SB-139/4.5	09/05/13	3.5
SB-139/5.5	09/05/13	1.4
SB-139/6.5	09/05/13	0
SB-139/7.5	09/05/13	0
SB-139/8.5	09/05/13	0.1
SB-139/9.5	09/05/13	0.6
SB-139/10.5	09/05/13	0
SB-139/11.5	09/05/13	0
SB-139/12.5	09/05/13	0
SB-139/13.5	09/05/13	0
SB-139/14.5	09/05/13	0.2
SB-139/15.5	09/05/13	0
SB-139/16.5	09/05/13	0
SB-139/17.5	09/05/13	0
SB-139/18.5	09/05/13	0
SB-139/19.5	09/05/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-140/0.5	09/05/13	0.3
SB-140/1.5	09/05/13	0
SB-140/2.5	09/05/13	0
SB-140/3.5	09/05/13	0
SB-140/4.5	09/05/13	0
SB-140/5.5	09/05/13	0.8
SB-140/6.5	09/05/13	0.4
SB-140/7.5	09/05/13	0
SB-140/8.5	09/05/13	0.1
SB-140/9.5	09/05/13	0.7
SB-140/10.5	09/05/13	0.6
SB-140/11.5	09/05/13	0
SB-140/12.5	09/05/13	0.1
SB-140/13.5	09/05/13	0
SB-140/14.5	09/05/13	1.0
SB-140/15.5	09/05/13	0.1
SB-140/16.5	09/05/13	0.4
SB-140/17.5	09/05/13	0
SB-140/18.5	09/05/13	0
SB-140/19.5	09/05/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-141/0.5	09/05/13	0
SB-141/1.5	09/05/13	0.4
SB-141/2.5	09/05/13	0.8
SB-141/3.5	09/05/13	0.9
SB-141/4.5	09/05/13	1.2
SB-141/5.5	09/05/13	5.7
SB-141/6.5	09/05/13	14.6
SB-141/7.5	09/05/13	2.0
SB-141/8.5	09/05/13	1.9
SB-141/9.5	09/05/13	1.5
SB-141/10.5	09/05/13	0.5
SB-141/11.5	09/05/13	5.5
SB-141/12.5	09/05/13	0
SB-141/13.5	09/05/13	0
SB-141/14.5	09/05/13	16.8
SB-141/15.5	09/05/13	19.5
SB-141/16.5	09/05/13	3.8
SB-141/17.5	09/05/13	0.3

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-142/0.5	08/29/13	0.5
SB-142/1.5	08/29/13	0.9
SB-142/2.5	08/29/13	0
SB-142/3.5	08/29/13	0
SB-142/4.5	08/29/13	0.5
SB-142/5.5	08/29/13	0
SB-142/6.5	08/29/13	0
SB-142/7.5	08/29/13	0
SB-142/8.5	08/29/13	0
SB-142/9.5	08/29/13	0
SB-142/10.5	08/29/13	0.1
SB-142/11.5	08/29/13	0
SB-142/12.5	08/29/13	0
SB-142/13.5	08/29/13	0
SB-142/14.5	08/29/13	0
SB-142/15.5	08/29/13	0
SB-142/16.5	08/29/13	0.3
SB-142/17.5	08/29/13	0
SB-142/18.5	08/29/13	1.6
SB-142/19.5	08/29/13	0
SB-142/20.5	08/29/13	0.6
SB-142/21.5	08/29/13	0.3

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-143/0.5	08/29/13	0
SB-143/1.5	08/29/13	0
SB-143/2.5	08/29/13	0.3
SB-143/3.5	08/29/13	0
SB-143/4.5	08/29/13	0
SB-143/5.5	08/29/13	0.9
SB-143/6.5	08/29/13	0.7
SB-143/7.5	08/29/13	0
SB-143/8.5	08/29/13	0.1
SB-143/9.5	08/29/13	1.5
SB-143/10.5	08/29/13	0
SB-143/11.5	08/29/13	0
SB-143/12.5	08/29/13	0.6
SB-143/13.5	08/29/13	0
SB-143/14.5	08/29/13	3.9
SB-143/15.5	08/29/13	2.4
SB-143/16.5	08/29/13	1.1
SB-143/17.5	08/29/13	0
SB-143/18.5	08/29/13	5.6
SB-143/19.5	08/29/13	0
SB-143/20.5	08/29/13	0
SB-143/21.5	08/29/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-144/0.5	08/29/13	0
SB-144/1.5	08/29/13	0
SB-144/2.5	08/29/13	0
SB-144/3.5	08/29/13	0
SB-144/4.5	08/29/13	1.2
SB-144/5.5	08/29/13	0.7
SB-144/6.5	08/29/13	1.0
SB-144/7.5	08/29/13	1.4
SB-144/8.5	08/29/13	1.9
SB-144/9.5	08/29/13	0.3
SB-144/10.5	08/29/13	2.7
SB-144/11.5	08/29/13	2.9
SB-144/12.5	08/29/13	0
SB-144/13.5	08/29/13	0.4
SB-144/14.5	08/29/13	1.1
SB-144/15.5	08/29/13	2.7
SB-144/16.5	08/29/13	1.6
SB-144/17.5	08/29/13	0.2
SB-144/18.5	08/29/13	1.9
SB-144/19.5	08/29/13	0.2
SB-144/20.5	08/29/13	0
SB-144/21.5	08/29/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-145/0.5	08/27/13	0.7
SB-145/1.5	08/27/13	0.4
SB-145/2.5	08/27/13	0.4
SB-145/3.5	08/27/13	2.2
SB-145/4.5	08/27/13	0.8
SB-145/5.5	08/27/13	0.1
SB-145/6.5	08/27/13	0.9
SB-145/7.5	08/27/13	1.0
SB-145/8.5	08/27/13	2.6
SB-145/9.5	08/27/13	0.8
SB-145/10.5	08/27/13	1.3
SB-145/11.5	08/27/13	1.6
SB-145/12.5	08/27/13	0.5
SB-145/13.5	08/27/13	1.5
SB-145/14.5	08/27/13	0.3
SB-145/15.5	08/27/13	1.1
SB-145/16.5	08/27/13	0.9
SB-145/17.5	08/27/13	1.2
SB-145/18.5	08/27/13	0.7
SB-145/19.5	08/27/13	0.4
SB-145/20.5	08/27/13	0.5
SB-145/21.5	08/27/13	0.7
SB-145/22.5	08/27/13	0
SB-145/23.5	08/27/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-146/0.5	09/04/13	0
SB-146/1.5	09/04/13	0
SB-146/2.5	09/04/13	0
SB-146/3.5	09/04/13	0
SB-146/4.5	09/04/13	0.4
SB-146/5.5	09/04/13	0.3
SB-146/6.5	09/04/13	1.4
SB-146/7.5	09/04/13	0.2
SB-146/8.5	09/04/13	0.7
SB-146/9.5	09/04/13	0.4
SB-146/10.5	09/04/13	0
SB-146/11.5	09/04/13	0
SB-146/12.5	09/04/13	1.8
SB-146/13.5	09/04/13	0
SB-146/14.5	09/04/13	2.9
SB-146/15.5	09/04/13	8.0
SB-146/16.5	09/04/13	0
SB-146/17.5	09/04/13	0.8
SB-146/18.5	09/04/13	3.0
SB-146/19.5	09/04/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-147/0.5	09/04/13	No Recovery
SB-147/1.5	09/04/13	No Recovery
SB-147/2.5	09/04/13	0
SB-147/3.5	09/04/13	3.7
SB-147/4.5	09/04/13	2.0
SB-147/5.5	09/04/13	0
SB-147/6.5	09/04/13	0
SB-147/7.5	09/04/13	0
SB-147/8.5	09/04/13	0
SB-147/9.5	09/04/13	3.8
SB-147/10.5	09/04/13	0.8
SB-147/11.5	09/04/13	1.2
SB-147/12.5	09/04/13	0
SB-147/13.5	09/04/13	0
SB-147/14.5	09/04/13	1.9
SB-147/15.5	09/04/13	0
SB-147/16.5	09/04/13	0
SB-147/17.5	09/04/13	0
SB-147/18.5	09/04/13	0
SB-147/19.5	09/04/13	0
SB-147/20.5	09/04/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-148/0.5	09/04/13	No Recovery
SB-148/1.5	09/04/13	No Recovery
SB-148/2.5	09/04/13	0.8
SB-148/3.5	09/04/13	23.4
SB-148/4.5	09/04/13	0.8
SB-148/5.5	09/04/13	0.5
SB-148/6.5	09/04/13	0.4
SB-148/7.5	09/04/13	0
SB-148/8.5	09/04/13	0
SB-148/9.5	09/04/13	0
SB-148/10.5	09/04/13	0
SB-148/11.5	09/04/13	0.3
SB-148/12.5	09/04/13	1.0
SB-148/13.5	09/04/13	0
SB-148/14.5	09/04/13	0
SB-148/15.5	09/04/13	0
SB-148/16.5	09/04/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-149/0.5	09/04/13	No Recovery
SB-149/1.5	09/04/13	0
SB-149/2.5	09/04/13	0
SB-149/3.5	09/04/13	0
SB-149/4.5	09/04/13	No Recovery
SB-149/5.5	09/04/13	0.9
SB-149/6.5	09/04/13	0.6
SB-149/7.5	09/04/13	0.7
SB-149/8.5	09/04/13	0.2
SB-149/9.5	09/04/13	0.5
SB-149/10.5	09/04/13	0.4
SB-149/11.5	09/04/13	1.0
SB-149/12.5	09/04/13	0.6
SB-149/13.5	09/04/13	1.9
SB-149/14.5	09/04/13	6.2
SB-149/15.5	09/04/13	2.0
SB-149/16.5	09/04/13	0.7
SB-149/17.5	09/04/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-150/0.5	08/29/13	0
SB-150/1.5	08/29/13	0
SB-150/2.5	08/29/13	0
SB-150/3.5	08/29/13	0
SB-150/4.5	08/29/13	0
SB-150/5.5	08/29/13	9.4
SB-150/6.5	08/29/13	3.5
SB-150/7.5	08/29/13	0
SB-150/8.5	08/29/13	1.8
SB-150/9.5	08/29/13	7.2
SB-150/10.5	08/29/13	8.0
SB-150/11.5	08/29/13	5.0
SB-150/12.5	08/29/13	4.9
SB-150/13.5	08/29/13	7.4
SB-150/14.5	08/29/13	7.5
SB-150/15.5	08/29/13	0
SB-150/16.5	08/29/13	0
SB-150/17.5	08/29/13	0
SB-150/18.5	08/29/13	20.8
SB-150/19.5	08/29/13	1.7
SB-150/20.5	08/29/13	0
SB-150/21.5	08/29/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-151/0.5	08/29/13	3.6
SB-151/1.5	08/29/13	2.1
SB-151/2.5	08/29/13	0.9
SB-151/3.5	08/29/13	2.9
SB-151/4.5	08/29/13	1.7
SB-151/5.5	08/29/13	0.1
SB-151/6.5	08/29/13	0.9
SB-151/7.5	08/29/13	0
SB-151/8.5	08/29/13	0.2
SB-151/9.5	08/29/13	2.3
SB-151/10.5	08/29/13	1.0
SB-151/11.5	08/29/13	0.5
SB-151/12.5	08/29/13	8.9
SB-151/13.5	08/29/13	3.9
SB-151/14.5	08/29/13	18.9
SB-151/15.5	08/29/13	2.6
SB-151/16.5	08/29/13	0
SB-151/17.5	08/29/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-153/0.5	08/27/13	1.6
SB-153/1.5	08/27/13	0.6
SB-153/2.5	08/27/13	0.5
SB-153/3.5	08/27/13	1.3
SB-153/4.5	08/27/13	1.2
SB-153/5.5	08/27/13	1.4
SB-153/6.5	08/27/13	7.2
SB-153/7.5	08/27/13	0.2
SB-153/8.5	08/27/13	0.5
SB-153/9.5	08/27/13	1.7
SB-153/10.5	08/27/13	0
SB-153/11.5	08/27/13	1.3
SB-153/12.5	08/27/13	0.9
SB-153/13.5	08/27/13	No Recovery
SB-153/14.5	08/27/13	1.1
SB-153/15.5	08/27/13	4.0
SB-153/16.5	08/27/13	0
SB-153/17.5	08/27/13	0
SB-153/18.5	08/27/13	4.0
SB-153/19.5	08/27/13	0
SB-153/20.5	08/27/13	0
SB-153/21.5	08/27/13	0
SB-153/22.5	08/27/13	0
SB-153/23.5	08/27/13	0.1

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-154/0.5	09/03/13	0
SB-154/1.5	09/03/13	0
SB-154/2.5	09/03/13	0
SB-154/3.5	09/03/13	0.5
SB-154/4.5	09/03/13	2.0
SB-154/5.5	09/03/13	0
SB-154/6.5	09/03/13	0
SB-154/7.5	09/03/13	0
SB-154/8.5	09/03/13	3.2
SB-154/9.5	09/03/13	0.8
SB-154/10.5	09/03/13	0
SB-154/11.5	09/03/13	0.3
SB-154/12.5	09/03/13	0.2
SB-154/13.5	09/03/13	0
SB-154/14.5	09/03/13	13.2
SB-154/15.5	09/03/13	0.3
SB-154/16.5	09/03/13	0.3
SB-154/17.5	09/03/13	0
SB-154/18.5	09/03/13	0
SB-154/19.5	09/03/13	0
SB-154/20.5	09/03/13	0
SB-154/21.5	09/03/13	1.8

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-155/0.5	09/03/13	1.5
SB-155/1.5	09/03/13	0
SB-155/2.5	09/03/13	0.1
SB-155/3.5	09/03/13	0
SB-155/4.5	09/03/13	No Recovery
SB-155/5.5	09/03/13	0
SB-155/6.5	09/03/13	0
SB-155/7.5	09/03/13	0
SB-155/8.5	09/03/13	0
SB-155/9.5	09/03/13	0
SB-155/10.5	09/03/13	0
SB-155/11.5	09/03/13	0
SB-155/12.5	09/03/13	0
SB-155/13.5	09/03/13	0
SB-155/14.5	09/03/13	0.9
SB-155/15.5	09/03/13	0
SB-155/16.5	09/03/13	0
SB-155/17.5	09/03/13	0
SB-155/18.5	09/03/13	0
SB-155/19.5	09/03/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-156/0.5	09/04/13	0
SB-156/1.5	09/04/13	0
SB-156/2.5	09/04/13	0
SB-156/3.5	09/04/13	0
SB-156/4.5	09/04/13	0.5
SB-156/5.5	09/04/13	0.3
SB-156/6.5	09/04/13	0.5
SB-156/7.5	09/04/13	0.4
SB-156/8.5	09/04/13	0
SB-156/9.5	09/04/13	0
SB-156/10.5	09/04/13	0
SB-156/11.5	09/04/13	0
SB-156/12.5	09/04/13	0.1
SB-156/13.5	09/04/13	0.1
SB-156/14.5	09/04/13	0
SB-156/15.5	09/04/13	0
SB-156/16.5	09/04/13	0
SB-156/17.5	09/04/13	0
SB-156/18.5	09/04/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-157/0.5	09/04/13	No Recovery
SB-157/1.5	09/04/13	3.5
SB-157/2.5	09/04/13	1.1
SB-157/3.5	09/04/13	0.3
SB-157/4.5	09/04/13	No Recovery
SB-157/5.5	09/04/13	1.0
SB-157/6.5	09/04/13	0.1
SB-157/7.5	09/04/13	0
SB-157/8.5	09/04/13	0.5
SB-157/9.5	09/04/13	2.8
SB-157/10.5	09/04/13	2.2
SB-157/11.5	09/04/13	1.4
SB-157/12.5	09/04/13	1.0
SB-157/13.5	09/04/13	1.5
SB-157/14.5	09/04/13	2.4
SB-157/15.5	09/04/13	0.4
SB-157/16.5	09/04/13	0.5
SB-157/17.5	09/04/13	0.9
SB-157/18.5	09/04/13	2.6
SB-157/19.5	09/04/13	9.5
SB-157/20.5	09/04/13	0.3

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-158/0.5	08/30/13	0
SB-158/1.5	08/30/13	0
SB-158/2.5	08/30/13	No Recovery
SB-158/3.5	08/30/13	No Recovery
SB-158/4.5	08/30/13	1.1
SB-158/5.5	08/30/13	No Recovery
SB-158/6.5	08/30/13	1.2
SB-158/7.5	08/30/13	2.8
SB-158/8.5	08/30/13	3.7
SB-158/9.5	08/30/13	5.0
SB-158/10.5	08/30/13	0
SB-158/11.5	08/30/13	0
SB-158/12.5	08/30/13	4.4
SB-158/13.5	08/30/13	15.8
SB-158/14.5	08/30/13	3.4
SB-158/15.5	08/30/13	1.1
SB-158/16.5	08/30/13	0.3
SB-158/17.5	08/30/13	2.0
SB-158/18.5	08/30/13	0
SB-158/19.5	08/30/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-159/0.5	08/29/13	0.2
SB-159/1.5	08/29/13	0
SB-159/2.5	08/29/13	No Recovery
SB-159/3.5	08/29/13	No Recovery
SB-159/4.5	08/29/13	0
SB-159/5.5	08/29/13	0
SB-159/6.5	08/29/13	No Recovery
SB-159/7.5	08/29/13	No Recovery
SB-159/8.5	08/29/13	0
SB-159/9.5	08/29/13	0
SB-159/10.5	08/29/13	No Recovery
SB-159/11.5	08/29/13	No Recovery
SB-159/12.5	08/29/13	1.8
SB-159/13.5	08/29/13	1.2
SB-159/14.5	08/29/13	1.2
SB-159/15.5	08/29/13	5.5
SB-159/16.5	08/29/13	9.8
SB-159/17.5	08/29/13	0
SB-159/18.5	08/29/13	0
SB-159/19.5	08/29/13	0
SB-159/20.5	08/29/13	6.1
SB-159/21.5	08/29/13	2.6

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-160/0.5	08/27/13	0
SB-160/1.5	08/27/13	0.7
SB-160/2.5	08/27/13	0
SB-160/3.5	08/27/13	0.9
SB-160/4.5	08/27/13	0.4
SB-160/5.5	08/27/13	0.6
SB-160/6.5	08/27/13	0.2
SB-160/7.5	08/27/13	1.2
SB-160/8.5	08/27/13	0
SB-160/9.5	08/27/13	1.1
SB-160/10.5	08/27/13	0.2
SB-160/11.5	08/27/13	3.3
SB-160/12.5	08/27/13	0
SB-160/13.5	08/27/13	0.6
SB-160/14.5	08/27/13	0
SB-160/15.5	08/27/13	1.3
SB-160/16.5	08/27/13	0.1
SB-160/17.5	08/27/13	0.1
SB-160/18.5	08/27/13	0
SB-160/19.5	08/27/13	0
SB-160/20.5	08/27/13	0
SB-160/21.5	08/27/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-162/0.5	09/03/13	0.9
SB-162/1.5	09/03/13	0
SB-162/2.5	09/03/13	No Recovery
SB-162/3.5	09/03/13	No Recovery
SB-162/4.5	09/03/13	0.8
SB-162/5.5	09/03/13	0
SB-162/6.5	09/03/13	0
SB-162/7.5	09/03/13	0
SB-162/8.5	09/03/13	0
SB-162/9.5	09/03/13	0
SB-162/10.5	09/03/13	0
SB-162/11.5	09/03/13	0.7
SB-162/12.5	09/03/13	60.2
SB-162/13.5	09/03/13	53.8
SB-162/14.5	09/03/13	58.0
SB-162/15.5	09/03/13	155.0
SB-162/16.5	09/03/13	7.3
SB-162/17.5	09/03/13	20.6
SB-162/18.5	09/03/13	109.0
SB-162/19.5	09/03/13	10.7
SB-162/20.5	09/03/13	167.0
SB-162/21.5	09/03/13	35.4

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-163/0.5	09/03/13	11.3
SB-163/1.5	09/03/13	0.9
SB-163/2.5	09/03/13	0.6
SB-163/3.5	09/03/13	1.2
SB-163/4.5	09/03/13	No Recovery
SB-163/5.5	09/03/13	No Recovery
SB-163/6.5	09/03/13	1.9
SB-163/7.5	09/03/13	0.5
SB-163/8.5	09/03/13	1.4
SB-163/9.5	09/03/13	0.9
SB-163/10.5	09/03/13	0
SB-163/11.5	09/03/13	0
SB-163/12.5	09/03/13	0.6
SB-163/13.5	09/03/13	0
SB-163/14.5	09/03/13	0
SB-163/15.5	09/03/13	0
SB-163/16.5	09/03/13	0
SB-163/17.5	09/03/13	0
SB-163/18.5	09/03/13	0
SB-163/19.5	09/03/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-164/0.5	09/03/13	30.4
SB-164/1.5	09/03/13	0.3
SB-164/2.5	09/03/13	0.4
SB-164/3.5	09/03/13	1.8
SB-164/4.5	09/03/13	3.5
SB-164/5.5	09/03/13	0.2
SB-164/6.5	09/03/13	0
SB-164/7.5	09/03/13	0.4
SB-164/8.5	09/03/13	0.1
SB-164/9.5	09/03/13	0.4
SB-164/10.5	09/03/13	0.5
SB-164/11.5	09/03/13	No Recovery
SB-164/12.5	09/03/13	2.7
SB-164/13.5	09/03/13	0.3
SB-164/14.5	09/03/13	0
SB-164/15.5	09/03/13	2.4
SB-164/16.5	09/03/13	0
SB-164/17.5	09/03/13	0
SB-164/18.5	09/03/13	0
SB-164/19.5	09/03/13	0
SB-164/20.5	09/03/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-165/0.5	08/30/13	0
SB-165/1.5	08/30/13	0.8
SB-165/2.5	08/30/13	0
SB-165/3.5	08/30/13	No Recovery
SB-165/4.5	08/30/13	No Recovery
SB-165/5.5	08/30/13	No Recovery
SB-165/6.5	08/30/13	No Recovery
SB-165/7.5	08/30/13	No Recovery
SB-165/8.5	08/30/13	No Recovery
SB-165/9.5	08/30/13	No Recovery
SB-165/10.5	08/30/13	0
SB-165/11.5	08/30/13	0
SB-165/12.5	08/30/13	3.9
SB-165/13.5	08/30/13	0
SB-165/14.5	08/30/13	40.7
SB-165/15.5	08/30/13	70.4
SB-165/16.5	08/30/13	0
SB-165/17.5	08/30/13	0
SB-165/18.5	08/30/13	0
SB-165/19.5	08/30/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-166/0.5	08/29/13	0
SB-166/1.5	08/29/13	0
SB-166/2.5	08/29/13	0
SB-166/3.5	08/29/13	0
SB-166/4.5	08/29/13	0
SB-166/5.5	08/29/13	0
SB-166/6.5	08/29/13	0
SB-166/7.5	08/29/13	0
SB-166/8.5	08/29/13	0
SB-166/9.5	08/29/13	0
SB-166/10.5	08/29/13	0
SB-166/11.5	08/29/13	0
SB-166/12.5	08/29/13	0
SB-166/13.5	08/29/13	0
SB-166/14.5	08/29/13	1.5
SB-166/15.5	08/29/13	0
SB-166/16.5	08/29/13	0.2
SB-166/17.5	08/29/13	26.6
SB-166/18.5	08/29/13	0
SB-166/19.5	08/29/13	1.6
SB-166/20.5	08/29/13	1.8

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-167/0.5	08/27/13	0
SB-167/1.5	08/27/13	0
SB-167/2.5	08/27/13	0.5
SB-167/3.5	08/27/13	0.3
SB-167/4.5	08/27/13	3.3
SB-167/5.5	08/27/13	0.1
SB-167/6.5	08/27/13	0
SB-167/7.5	08/27/13	0.3
SB-167/8.5	08/27/13	3.0
SB-167/9.5	08/27/13	0.1
SB-167/10.5	08/27/13	2.3
SB-167/11.5	08/27/13	0
SB-167/12.5	08/27/13	0
SB-167/13.5	08/27/13	0
SB-167/14.5	08/27/13	0.1
SB-167/15.5	08/27/13	0.3
SB-167/16.5	08/27/13	0
SB-167/17.5	08/27/13	0.5
SB-167/18.5	08/27/13	0.5
SB-167/19.5	08/27/13	0
SB-167/20.5	08/27/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-168/0.5	08/27/13	0.2
SB-168/1.5	08/27/13	1.1
SB-168/2.5	08/27/13	1.8
SB-168/3.5	08/27/13	0.1
SB-168/4.5	08/27/13	
SB-168/5.5	08/27/13	2.1
SB-168/6.5	08/27/13	1.4
SB-168/7.5	08/27/13	0.8
SB-168/8.5	08/27/13	0
SB-168/9.5	08/27/13	0.7
SB-168/10.5	08/27/13	0.2
SB-168/11.5	08/27/13	0.1
SB-168/12.5	08/27/13	0.7
SB-168/13.5	08/27/13	0.8
SB-168/14.5	08/27/13	0
SB-168/15.5	08/27/13	0
SB-168/16.5	08/27/13	0.3
SB-168/17.5	08/27/13	0
SB-168/18.5	08/27/13	0
SB-168/19.5	08/27/13	0
SB-168/20.5	08/27/13	0.5

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-169/0.5	08/30/13	1.9
SB-169/1.5	08/30/13	2.9
SB-169/2.5	08/30/13	4.8
SB-169/3.5	08/30/13	0
SB-169/4.5	08/30/13	1.2
SB-169/5.5	08/30/13	1.3
SB-169/6.5	08/30/13	0.7
SB-169/7.5	08/30/13	0
SB-169/8.5	08/30/13	5.4
SB-169/9.5	08/30/13	1.0
SB-169/10.5	08/30/13	0.3
SB-169/11.5	08/30/13	0
SB-169/12.5	08/30/13	5.8
SB-169/13.5	08/30/13	4.3
SB-169/14.5	08/30/13	0
SB-169/15.5	08/30/13	7.6
SB-169/16.5	08/30/13	4.5
SB-169/17.5	08/30/13	0
SB-169/18.5	08/30/13	0
SB-169/19.5	08/30/13	0
SB-169/20.5	08/30/13	0
SB-169/21.5	08/30/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-170/0.5	08/30/13	0
SB-170/1.5	08/30/13	0
SB-170/2.5	08/30/13	0
SB-170/3.5	08/30/13	0
SB-170/4.5	08/30/13	0
SB-170/5.5	08/30/13	0
SB-170/6.5	08/30/13	2.0
SB-170/7.5	08/30/13	0
SB-170/8.5	08/30/13	1.1
SB-170/9.5	08/30/13	0.9
SB-170/10.5	08/30/13	0.2
SB-170/11.5	08/30/13	15.0
SB-170/12.5	08/30/13	1.1
SB-170/13.5	08/30/13	0
SB-170/14.5	08/30/13	0.4
SB-170/15.5	08/30/13	2.6
SB-170/16.5	08/30/13	0
SB-170/17.5	08/30/13	0
SB-170/18.5	08/30/13	0
SB-170/19.5	08/30/13	13.4
SB-170/20.5	08/30/13	2.0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-171/0.5	08/30/13	0
SB-171/1.5	08/30/13	0
SB-171/2.5	08/30/13	0
SB-171/3.5	08/30/13	0
SB-171/4.5	08/30/13	0
SB-171/5.5	08/30/13	0
SB-171/6.5	08/30/13	0
SB-171/7.5	08/30/13	0
SB-171/8.5	08/30/13	0
SB-171/9.5	08/30/13	0
SB-171/10.5	08/30/13	0
SB-171/11.5	08/30/13	0
SB-171/12.5	08/30/13	0
SB-171/13.5	08/30/13	0
SB-171/14.5	08/30/13	0
SB-171/15.5	08/30/13	0
SB-171/16.5	08/30/13	0
SB-171/17.5	08/30/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-173/0.5	08/28/13	0
SB-173/1.5	08/28/13	0.1
SB-173/2.5	08/28/13	0.1
SB-173/3.5	08/28/13	0.5
SB-173/4.5	08/28/13	0.4
SB-173/5.5	08/28/13	0.8
SB-173/6.5	08/28/13	7.6
SB-173/7.5	08/28/13	11.6
SB-173/8.5	08/28/13	0.4
SB-173/9.5	08/28/13	2.9
SB-173/10.5	08/28/13	0.5
SB-173/11.5	08/28/13	4.6
SB-173/12.5	08/28/13	0.4
SB-173/13.5	08/28/13	0.3
SB-173/14.5	08/28/13	0
SB-173/15.5	08/28/13	0.2
SB-173/16.5	08/28/13	0
SB-173/17.5	08/28/13	0.1
SB-173/18.5	08/28/13	0.1
SB-173/19.5	08/28/13	0
SB-173/20.5	08/28/13	0
SB-173/21.5	8/28/2013	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-174/0.5	08/28/13	0
SB-174/1.5	08/28/13	0.2
SB-174/2.5	08/28/13	0
SB-174/3.5	08/28/13	0.2
SB-174/4.5	08/28/13	0.3
SB-174/5.5	08/28/13	0.7
SB-174/6.5	08/28/13	1.0
SB-174/7.5	08/28/13	1.2
SB-174/8.5	08/28/13	0
SB-174/9.5	08/28/13	0.8
SB-174/10.5	08/28/13	0.8
SB-174/11.5	08/28/13	0.8
SB-174/12.5	08/28/13	0.1
SB-174/13.5	08/28/13	0.9
SB-174/14.5	08/28/13	0.2
SB-174/15.5	08/28/13	0
SB-174/16.5	08/28/13	0
SB-174/17.5	08/28/13	0
SB-174/18.5	08/28/13	0.1
SB-174/19.5	08/28/13	0
SB-174/20.5	08/28/13	0
SB-174/21.5	08/28/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-175/0.5	08/28/13	4.6
SB-175/1.5	08/28/13	0.3
SB-175/2.5	08/28/13	0
SB-175/3.5	08/28/13	0
SB-175/4.5	08/28/13	0.2
SB-175/5.5	08/28/13	0
SB-175/6.5	08/28/13	0
SB-175/7.5	08/28/13	0
SB-175/8.5	08/28/13	0
SB-175/9.5	08/28/13	0.6
SB-175/10.5	08/28/13	0
SB-175/11.5	08/28/13	0
SB-175/12.5	08/28/13	0
SB-175/13.5	08/28/13	0
SB-175/14.5	08/28/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-176/0.5	09/03/13	0
SB-176/1.5	09/03/13	0
SB-176/2.5	09/03/13	0
SB-176/3.5	09/03/13	0
SB-176/4.5	09/03/13	0.8
SB-176/5.5	09/03/13	0
SB-176/6.5	09/03/13	0.2
SB-176/7.5	09/03/13	0
SB-176/8.5	09/03/13	0.3
SB-176/9.5	09/03/13	0
SB-176/10.5	09/03/13	0
SB-176/11.5	09/03/13	0
SB-176/12.5	09/03/13	0
SB-176/13.5	09/03/13	0
SB-176/14.5	09/03/13	0
SB-176/15.5	09/03/13	0
SB-176/16.5	09/03/13	0
SB-176/17.5	09/03/13	0
SB-176/18.5	09/03/13	0
SB-176/19.5	09/03/13	0
SB-176/20.5	09/03/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-201/0.5	09/06/13	0.5
SB-201/1.5	09/06/13	0.0
SB-201/2.5	09/06/13	0.0
SB-201/3.5	09/06/13	0.5
SB-201/4.5	09/06/13	0.4
SB-201/5.5	09/06/13	0
SB-201/6.5	09/06/13	0
SB-201/7.5	09/06/13	0
SB-201/8.5	09/06/13	1.5
SB-201/9.5	09/06/13	0
SB-201/10.5	09/06/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-202/0.5	09/06/13	0.3
SB-202/1.5	09/06/13	0.4
SB-202/2.5	09/06/13	0.4
SB-202/3.5	09/06/13	0.5
SB-202/4.5	09/06/13	0.2
SB-202/5.5	09/06/13	0.4
SB-202/6.5	09/06/13	0.2
SB-202/7.5	09/06/13	0.5
SB-202/8.5	09/06/13	0.9
SB-202/9.5	09/06/13	0.4
SB-202/10.5	09/06/13	0.7
SB-202/11.5	09/06/13	0.1
SB-202/12.5	09/06/13	0
SB-202/13.5	09/06/13	0
SB-202/14.5	09/06/13	0.9
SB-202/15.5	09/06/13	0
SB-202/16.5	09/06/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-203/0.5	09/06/13	0.5
SB-203/1.5	09/06/13	0.1
SB-203/2.5	09/06/13	0.2
SB-203/3.5	09/06/13	0
SB-203/4.5	09/06/13	0.6
SB-203/5.5	09/06/13	0.6
SB-203/6.5	09/06/13	0
SB-203/7.5	09/06/13	0
SB-203/8.5	09/06/13	0
SB-203/9.5	09/06/13	0
SB-203/10.5	09/06/13	0
SB-203/11.5	09/06/13	0
SB-203/12.5	09/06/13	0
SB-203/13.5	09/06/13	0
SB-203/14.5	09/06/13	0
SB-203/15.5	09/06/13	0
SB-203/16.5	09/06/13	0
SB-203/17.5	09/06/13	0.4
SB-203/18.5	09/06/13	0.7
SB-203/19.5	09/06/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-204/0.5	09/06/13	0
SB-204/1.5	09/06/13	0
SB-204/2.5	09/06/13	0
SB-204/3.5	09/06/13	0
SB-204/4.5	09/06/13	No Recovery
SB-204/5.5	09/06/13	0
SB-204/6.5	09/06/13	0
SB-204/7.5	09/06/13	0
SB-204/8.5	09/06/13	0
SB-204/9.5	09/06/13	0
SB-204/10.5	09/06/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-205/0.5	09/06/13	0.3
SB-205/1.5	09/06/13	0
SB-205/2.5	09/06/13	0.1
SB-205/3.5	09/06/13	0
SB-205/4.5	09/06/13	0
SB-205/5.5	09/06/13	0
SB-205/6.5	09/06/13	0
SB-205/7.5	09/06/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-206/0.5	09/06/13	1.0
SB-206/1.5	09/06/13	0
SB-206/2.5	09/06/13	0
SB-206/3.5	09/06/13	0
SB-206/4.5	09/06/13	0
SB-206/5.5	09/06/13	0
SB-206/6.5	09/06/13	0
SB-206/7.5	09/06/13	0
SB-206/8.5	09/06/13	0.4
SB-206/9.5	09/06/13	0
SB-206/10.5	09/06/13	0
SB-206/11.5	09/06/13	0
SB-206/12.5	09/06/13	0
SB-206/13.5	09/06/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-207/0.5	09/06/13	0
SB-207/1.5	09/06/13	0
SB-207/2.5	09/06/13	0
SB-207/3.5	09/06/13	0
SB-207/4.5	09/06/13	0
SB-207/5.5	09/06/13	0
SB-207/6.5	09/06/13	0.6
SB-207/7.5	09/06/13	0.3
SB-207/8.5	09/06/13	0
SB-207/9.5	09/06/13	0
SB-207/10.5	09/06/13	0.2
SB-207/11.5	09/06/13	0
SB-207/12.5	09/06/13	0.7
SB-207/13.5	09/06/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-208/0.5	09/06/13	0
SB-208/1.5	09/06/13	0
SB-208/2.5	09/06/13	0
SB-208/3.5	09/06/13	0
SB-208/4.5	09/06/13	0
SB-208/5.5	09/06/13	0
SB-208/6.5	09/06/13	0
SB-208/7.5	09/06/13	0
SB-208/8.5	09/06/13	0
SB-208/9.5	09/06/13	0
SB-208/10.5	09/06/13	0
SB-208/11.5	09/06/13	0.4
SB-208/12.5	09/06/13	0.4
SB-208/13.5	09/06/13	0
SB-208/14.5	09/06/13	1.7
SB-208/15.5	09/06/13	1.6
SB-208/16.5	09/06/13	0
SB-208/17.5	09/06/13	1.4
SB-208/18.5	09/06/13	0.3
SB-208/19.5	09/06/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-209/0.5	09/06/13	0
SB-209/1.5	09/06/13	0
SB-209/2.5	09/06/13	0
SB-209/3.5	09/06/13	0
SB-209/4.5	09/06/13	0.6
SB-209/5.5	09/06/13	0.4
SB-209/6.5	09/06/13	0.2
SB-209/7.5	09/06/13	0.3
SB-209/8.5	09/06/13	0.7
SB-209/9.5	09/06/13	0.2
SB-209/10.5	09/06/13	0
SB-209/11.5	09/06/13	0
SB-209/12.5	09/06/13	0
SB-209/13.5	09/06/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-210/0.5	09/05/13	1.4
SB-210/1.5	09/05/13	0.4
SB-210/2.5	09/05/13	0.2
SB-210/3.5	09/05/13	0
SB-210/4.5	09/05/13	0.7
SB-210/5.5	09/05/13	0.8
SB-210/6.5	09/05/13	0
SB-210/7.5	09/05/13	1.5
SB-210/8.5	09/05/13	No Recovery
SB-210/9.5	09/05/13	0.2
SB-210/10.5	09/05/13	0.9

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-211/0.5	09/05/13	0.2
SB-211/1.5	09/05/13	0.1
SB-211/2.5	09/05/13	0
SB-211/3.5	09/05/13	0
SB-211/4.5	09/05/13	0
SB-211/5.5	09/05/13	0
SB-211/6.5	09/05/13	0
SB-211/7.5	09/05/13	0
SB-211/8.5	09/05/13	0.3
SB-211/9.5	09/05/13	0
SB-211/10.5	09/05/13	0
SB-211/11.5	09/05/13	0
SB-211/12.5	09/05/13	0.1
SB-211/13.5	09/05/13	0

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-212/0.5	09/05/13	0
SB-212/1.5	09/05/13	0
SB-212/2.5	09/05/13	0
SB-212/3.5	09/05/13	0
SB-212/4.5	09/05/13	0
SB-212/5.5	09/05/13	0.9
SB-212/6.5	09/05/13	0
SB-212/7.5	09/05/13	0
SB-212/8.5	09/05/13	0
SB-212/9.5	09/05/13	0.3
SB-212/10.5	09/05/13	0
SB-212/11.5	09/05/13	0
SB-212/12.5	09/05/13	0
SB-212/13.5	09/05/13	0
SB-212/14.5	09/05/13	1.3
SB-212/15.5	09/05/13	0.6
SB-212/16.5	09/05/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bbls)	SAMPLE DATE	PID RESULT (ppm)
SB-213/0.5	09/05/13	0
SB-213/1.5	09/05/13	0
SB-213/2.5	09/05/13	0
SB-213/3.5	09/05/13	0
SB-213/4.5	09/05/13	0
SB-213/5.5	09/05/13	0
SB-213/6.5	09/05/13	0
SB-213/7.5	09/05/13	0
SB-213/8.5	09/05/13	0
SB-213/9.5	09/05/13	0
SB-213/10.5	09/05/13	0
SB-213/11.5	09/05/13	0
SB-213/12.5	09/05/13	0
SB-213/13.5	09/05/13	0
SB-213/14.5	09/05/13	0
SB-213/15.5	09/05/13	0
SB-213/16.5	09/05/13	0
SB-213/17.5	09/05/13	0
SB-213/18.5	09/05/13	0
SB-213/19.5	09/05/13	0

SAMPLE ID/DEPTH (feet bbls)	SAMPLE DATE	PID RESULT (ppm)
SB-214/0.5	09/05/13	0
SB-214/1.5	09/05/13	0
SB-214/2.5	09/05/13	0
SB-214/3.5	09/05/13	0
SB-214/4.5	09/05/13	0
SB-214/5.5	09/05/13	0
SB-214/6.5	09/05/13	0
SB-214/7.5	09/05/13	0
SB-214/8.5	09/05/13	0
SB-214/9.5	09/05/13	0
SB-214/10.5	09/05/13	0
SB-214/11.5	09/05/13	0
SB-214/12.5	09/05/13	0
SB-214/13.5	09/05/13	0
SB-214/14.5	09/05/13	0
SB-214/15.5	09/05/13	0
SB-214/16.5	09/05/13	0
SB-214/17.5	09/05/13	0
SB-214/18.5	09/05/13	0
SB-214/19.5	09/05/13	0

Appendix A
Summary of Soil PID Screening Results

SAMPLE ID/DEPTH (feet bls)	SAMPLE DATE	PID RESULT (ppm)
SB-215/0.5	09/05/13	0
SB-215/1.5	09/05/13	0
SB-215/2.5	09/05/13	0
SB-215/3.5	09/05/13	2.7
SB-215/4.5	09/05/13	0
SB-215/5.5	09/05/13	0
SB-215/6.5	09/05/13	0
SB-215/7.5	09/05/13	0
SB-215/8.5	09/05/13	0
SB-215/9.5	09/05/13	0
SB-215/10.5	09/05/13	0
SB-215/11.5	09/05/13	0
SB-215/12.5	09/05/13	0
SB-215/13.5	09/05/13	0
SB-215/14.5	09/05/13	0
SB-215/15.5	09/05/13	0
SB-215/16.5	09/05/13	0
SB-215/17.5	09/05/13	0
SB-215/18.5	09/05/13	0
SB-215/19.5	09/05/13	0

Note: ppm indicates parts per million

Appendix B

Soil Boring Logs

Soil Boring Logs WestPoint Home, Clemson, South Carolina

Soil Boring # SB-101

- n Date of boring 08/19/13
- n Total depth of boring – 24 feet bls
- n (0 – 8') Moderate brown (5YR 3/4), silty sand with gravel (SM), heterogeneous, loose.
- n (8 – 12') Very pale orange (10YR 8/2), silt to coarse sand (SM), homogeneous, moderately soft.
- n (12 – 16') Very pale orange (10YR 8/2) to grayish orange (10YR 7/4), silty-sand (SM), homogeneous, stiff, dense, quartz fragments at 14'.
- n (16 – 20') Light brown (5YR 4/6), silt to medium-grained sand (SM), homogeneous, moderately stiff, quartz fragments at 17'.
- n (20 – 24') Light brown (5YR 4/6) to dark yellowish orange (10YR 6/6), silt to fine-grained sand (SM), homogeneous, soft, dense, micaceous, quartz and biotite grains visible, moist at 22'.

Soil Boring # SB-102

- n Date of boring 08/19/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate brown (5YR 4/4), silt to medium-grained sand (SM), subangular, homogeneous, very stiff saprolite.
- n (4 – 8') Moderate brown (5YR 4/4), silt to fine-grained sand (SM), subangular, homogeneous, quartz grains and lithics 6'-7'.
- n (8 – 12') Dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), subrounded, homogeneous, stiff, dense, micaceous.
- n (12 – 16') Dark yellowish orange (10YR 6/6), silt to medium-grained sand (SM), subrounded, heterogeneous, moderately stiff, dense, micaceous.
- n (16 – 22') Moderate brown (5YR 4/4), silt to medium-grained sand (SM), subangular, heterogeneous, soft, micaceous, moist.

Soil Boring # SB-103

- n Date of boring 08/19/13
- n Total depth of boring – 24 feet bls

- n (0 – 4') Moderate reddish brown (10R 4/6) primarily with black from 1' – 2', silt to coarse-grained sand (SM), subangular, heterogeneous, stiff.
- n (4 – 12') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogeneous, stiff, dense, quartz fragments from 8-12'.
- n (12 – 16') Moderate brown (5YR 3/4), silt to fine-grained sand (SM), subrounded, homogeneous, stiff, micaceous with biotite.
- n (16 – 24') Light brown (5YR 5/6), silt to fine-grained sand (SM), subrounded, homogeneous, moderately stiff, white sandy silty-clay (SC) at 24'.

Soil Boring # SB-104

- n Date of boring 08/19/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Dark reddish brown (10R 3/4), silt to fine-grained sand (SM), subrounded, heterogeneous, loose, monzonite fragments 2'-3'.
- n (4 – 6') Grayish black, fine to medium-grained sand (SP), subrounded, very stiff.
- n (6 – 8') Very dark red (5R 2/6), silt to fine-grained sand (SM), subrounded, very stiff.
- n (8 – 12') Moderate reddish brown (10R 4/6) and light brown (5YR 5/6) from 8'-9', silty-clay to fine-grained sandy clay (SC), subangular, heterogeneous, moderately stiff, micaceous.
- n (12 – 20') Moderate reddish brown (10R 4/6), silt to fine grained sand (SM), subangular, homogeneous, stiff to soft with depth, micaceous.

Soil Boring # SB-105

- n Date of boring 08/20/13
- n Total depth of boring – 28 feet bls
- n (0 – 4') Moderate brown (5YR 4/4), silt to medium-grained sand (SM), subangular, homogeneous, moderately stiff, large quartz fragments at 1'.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, heterogeneous, very stiff, large quartz gravel at 5'-7', black lamination from 4.5'-5'.
- n (8 – 24') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogenous, very stiff, micaceous, black layer from 13.5'-14' and 19'-20'.
- n (24 – 28') Moderate reddish brown (10R 4/6), clay to fine-grained sandy clay (SC), subangular, soft to stiff, black lamination with white and orange weathering, moist.

Soil Boring # SB-106

- n Date of boring 08/20/13
- n Total depth of boring – 24 feet bls
- n (0 – 4') Moderate brown (5YR 4/4), silt to medium-grained sand (SM), subangular, heterogeneous, moderately stiff.
- n (4 – 8') Moderate reddish brown (10R 4/6) from 4'-5', gravel/fill from 5'-7', dusky yellowish brown (10YR 2/2), silt to fine-grained sand (SM), subrounded, heterogeneous, moderately stiff.
- n (8 – 12') Moderate brown (5YR 4/4), primarily silt to fine-grained with gravel (GM) from 8'-9', heterogeneous, hard.
- n (12 – 14') Moderate reddish brown (5YR 4/4), silt to gravel (GM), subangular, heterogeneous, stiff.
- n (14 – 16') Moderate reddish brown (5YR 4/4), sandy silty-clay (SC), homogeneous, white lamination at 16'.
- n (16 – 20') Light brown (5R 5/6), silt to coarse-grained sand (SM), subrounded, heterogeneous, hard, micaceous. Dusky brown (5YR 2/2) from 17'-18'.
- n (20 – 24') Moderate reddish brown (5YR 4/4), silt to medium-grained sand (SM), subangular, homogenous, stiff, micaceous and lithics throughout, clay nodules at 24', moist at 22'.

Soil Boring # SB-107

- n Date of boring 08/20/13
- n Total depth of boring – 28 feet bls
- n (0 – 4') Non-native fill/road base.
- n (4 – 7') Light olive gray (5Y 5/2), fine-grained to gravel (GP), non-native road base.
- n (7 – 8') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), homogeneous, stiff.
- n (8 – 16') Light olive gray (5Y 5/2) to moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, loose to hard with depth, quartz-rich.
- n (16 – 20') No recovery.
- n (20 – 22') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, heterogeneous.
- n (22 – 24') Dark yellowish orange (10YR 6/6), sandy silty-clay (SC), subangular, homogeneous, hard, micaceous, moist.

- n (24 – 28') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), sandy silty-clay (SC), subangular, heterogeneous, moderately stiff.

Soil Boring # SB-108

- n Date of boring 08/20/13
- n Total depth of boring – 27 feet bls
- n (0 – 2.5') Non-native fill/road base.
- n (2.5 – 6') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, heterogeneous, stiff.
- n (6 – 8') Light brown (5YR 5/6), silt to coarse-grained sand (SM), subangular, heterogeneous, hard, large quartz fragments.
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, heterogeneous, hard, quartz fragments.
- n (12 – 16') Moderate reddish brown (10R 4/6) to grayish brown (5YR 3/2), silt to fine-grained sand (SM), subrounded, homogeneous, loose to stiff with depth.
- n (16 – 20') Moderate reddish brown (10R 4/6), silty-clay to fine-grained, clayey sand (SC), subangular, homogeneous, very stiff, micaceous.
- n (20 – 23') Moderate reddish brown (10R 4/6) to grayish orange (10YR 7/4), clay to fine-grained clayey sand (SC), subangular, heterogeneous, very stiff, moist, micaceous.
- n (23 – 27') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, very stiff, micaceous, dark brown at 27'.

Soil Boring # SB-109

- n Date of boring 08/21/13
- n Total depth of boring – 29 feet bls
- n (0 – 3') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, loose; 3'-4' non-native fill.
- n (3 – 7') Non-native fill.
- n (7 – 12') Moderate reddish brown (10R 4/6) to grayish brown (5YR 3/2), silt to fine-grained sand (SM), subangular, heterogeneous, moderately stiff to very stiff with depth.
- n (12 – 16') Moderate reddish brown (10R 4/6) to light brown (5YR 5/6), silt to fine-grained sand (SM), subrounded, heterogeneous, very stiff, two-inch thick layer of light orange/white clay at 13'. Quartz and feldspar fragments 15'-16'.

- n (16 – 23') Light brown (5YR 5/6) to moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, soft at 16' to very stiff at 20', micaceous 19.5'-23'.
- n (23 – 26') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, moderate to very stiff with depth, micaceous from 24'-25', moist.
- n (26 – 29') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, soft, 10% lithics.

Soil Boring # SB-110

- n Date of boring 08/21/13
- n Total depth of boring – 26 feet bls
- n (0 – 2') Non-native fill.
- n (2 – 8') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 5/4), silt to coarse-grained sand (SM), subangular, heterogeneous, stiff, non-native fill fragments from 4'-5'.
- n (8 – 12') Dark yellowish brown (10YR 4/2) to moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogeneous, stiff, quartz fragments at 12'.
- n (12 – 16') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subrounded, homogeneous, quartz fragments at 15', dark yellowish brown (10YR 4/2) at 16'.
- n (16 – 20') Dark yellowish brown (10YR 4/2), silt to fine-grained sand (SM), subangular, homogeneous, very stiff.
- n (20 – 23') Moderate yellowish brown (10YR 5/4), silt to medium-grained sand (SM), subangular, heterogeneous, moderately stiff, black loose coarse-grained fragments at 21'-22'. Micaceous throughout, white clay at 22'.
- n (23 – 26') Dark yellowish orange (10YR 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous.

Soil Boring # SB-111

- n Date of boring 08/21/13
- n Total depth of boring – 29.5 feet bls
- n (0 – 4') Non-native fill.
- n (4 – 12') Dark yellowish brown (10YR 4/2) to moderate reddish brown (10YR 4/6), silt to medium-grained sand (SM), subangular, stiff.

- n (12 – 16') Dusky yellowish orange (10YR 6/6) to moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, moderately stiff, moist.
- n (16 -20') Moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, moderately stiff, micaceous 18'-20'.
- n (20 – 24') Dark yellowish orange (10YR 6/6), silt to coarse-grained sand (SM), subangular, homogeneous, soft, micaceous.
- n (24 – 27') Pale yellowish brown (10YR 6/2), black, dark yellowish orange (10YR 6/6), silt to coarse-grained sand (SM), subangular, heterogeneous, micaceous, soft.
- n (27 – 29.5') Pale yellowish brown (10YR 6/2), fine to coarse-grained sand (SP), subangular, heterogeneous, soft, very micaceous.

Soil Boring # SB-112

- n Date of boring 08/23/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Dark brown to moderately reddish brown (10R 4/6), silt to gravel (GM), subrounded, heterogeneous, soft to stiff.
- n (4 – 8') Moderate reddish brown (10R 4/6) to medium gray, silt to gravel (GM), subangular, heterogeneous, stiff to hard, large quartz fragments 4'-7'.
- n (8 – 12') Moderate reddish brown (10R 4/6) to dark gray, silt to gravel (GM), heterogeneous, soft to stiff, rock fragments throughout.
- n (12 – 21') Moderate reddish orange (10R 6/6) to pale yellowish orange (10YR 8/6), clay to gravel (GC) through 15' and clay to coarse-grained clayey sand (SC) to 18', subangular, heterogeneous, stiff, white alteration at 20'.

Soil Boring # SB-113

- n Date of boring 08/23/13
- n Total depth of boring – 25 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6) to black, silt to gravel (GM), subangular, moderately stiff to hard (non-native fill).
- n (8 – 12') Moderate reddish orange (10R 6/6), clay to medium-grained sand (SC), subangular, heterogeneous, moderately stiff, quartz and mica throughout core.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to gravel (GC), subangular, heterogeneous, very stiff, rock fragments at 13', increased clay and color change to pale yellow orange (10YR 8/6) at 14'.

- n (15 – 18') Moderate reddish orange (10R 6/6) to pale yellow orange (10YR 8/6), clay to gravel (GC), subangular, heterogeneous, stiff, gravel at 16', increased mica at 16'.
- n (18 – 21') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), homogeneous, stiff, increased mica at 20'.
- n (21 – 25') Moderate reddish orange (10R 6/6), clay to fine-grained sand (SC), subangular, homogeneous, soft, moist at 22', clay nodules at 23'.

Soil Boring # SB-114

- n Date of boring 08/23/13
- n Total depth of boring – 25 feet bls
- n (0 – 12') black to moderate reddish brown (10R 4/6) to pale yellowish orange (10YR 8/6), clay to gravel (GC), subrounded, heterogeneous, very stiff, non-native fill intermixed through 11'.
- n (12 – 15') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to gravel (GC), subangular, heterogeneous, very stiff, micaceous, lithics throughout, gravel 12'-13'.
- n (15 – 18') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, stiff, clay and mica increase with depth.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, moderately stiff, high clay content (approximately 70%), very little mica.
- n (22 – 25') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, soft to very stiff with depth, moist at 22', very little mica, approximately 70% clay.

Soil Boring # SB-115

- n Date of boring 08/22/13
- n Total depth of boring – 23 feet bls
- n (0 –4') Moderate reddish brown (10R 4/6), silt to gravel (GM), non-native fill intermixed, stiff.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff, non-native fill 4'-5', quartz fragments at 7'.
- n (8 – 12') Moderate reddish brown (10R 4/6) to dusky brown (5YR 2/2), silt to fine-grained sand (SM), subangular, heterogeneous, very stiff, rock fragments at 11'.

- n (12 – 16') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous throughout, laminated clay.
- n (16 -19') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft, moist at 19'.
- n (19 – 23') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogenous, soft, very micaceous.

Soil Boring # SB-116

- n Date of boring 08/22/13
- n Total depth of boring – 22 feet bls
- n (0 – 12') Moderate reddish brown (10R 4/6) to pale yellowish brown (10YR 6/2), silt to fine-grained sand (SM), subangular, heterogeneous, moderately stiff, non-native fill intermixed through 9' and increase in silt with depth.
- n (12 – 15') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, very micaceous, laminated clay.
- n (15 – 18') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, soft, micaceous throughout.
- n (18 – 22') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, heterogeneous, soft, very micaceous, laminated clay.

Soil Boring # SB-117

- n Date of boring 08/22/13
- n Total depth of boring – 25 feet bls
- n (0 – 3') Non-native fill.
- n (3 – 8') Moderate reddish brown (10R 4/6) to very dusky red (10R 2/2), silt to gravel (GM), subrounded, heterogeneous, non-native fill intermixed through 7'.
- n (8 – 12') Dusky yellowish brown (10YR 2/2) to moderate reddish brown (10R 4/6) to grayish orange (10YR 7/4) with depth, silt to medium-grained sand (SM), primarily clayey sand (SC) at 11.5', subangular, heterogeneous, hard, non-native fill mixed throughout core.
- n (12 – 16') No recovery.
- n (16- 19') Moderate reddish brown (10R 4/6) to black, clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, very micaceous (muscovite).

- n (19 – 22') Moderate reddish brown (10R 4/6) to grayish orange (10YR 7/4), clay to fine-grained sand (SC), subangular, heterogeneous, stiff; silt from 19'-20' and clay primarily 20'-22'.
- n (22 -25') Moderate reddish brown (10R 4/6), clay to fine-grained (SC), subangular, homogeneous, soft to hard, micaceous from 22'-24', clay from 24'-25'.

Soil Boring # SB-118

- n Date of boring 08/22/13
- n Total depth of boring – 29 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6) to dark reddish brown (10R 3/4), silt to gravel (GM), non-native fill material, subangular, heterogeneous, very hard, micaceous 2'-3'.
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogeneous, moderately stiff, micaceous 11'-12'.
- n (12 – 16') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, very stiff, rock fragments.
- n (16 – 25') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, hard, micaceous 17'-19', clay becomes darker in color with depth, very micaceous.
- n (25 – 29') Moderate reddish brown (10R 4/6), clay to fine- grained clayey sand (SC), subangular, homogeneous, very stiff to hard with depth, micaceous.

Soil Boring # SB-119

- n Date of boring 08/22/13
- n Total depth of boring – 29 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subrounded, heterogeneous, soft at surface to hard with depth, large quartz fragments at 2'.
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, hard, large quartz and feldspar fragments throughout.
- n (12 – 16') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, heterogeneous, stiff, predominantly silt at 15'-16'.
- n (16 – 19') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, hard, micaceous at 18'-19'.
- n (19 – 22') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), clay to medium-grained clayey sand (SC), subrounded, homogeneous, hard, strong solvent odor at 22'.

- n (22 – 25') Moderate reddish brown (10R 4/6) to very dusky red (10R 2/2), clay to medium-grained clayey sand (SC), subangular, homogeneous, micaceous throughout, strong odor.
- n (25 – 29') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, soft, micaceous throughout, strong odor, moist at 25'.

Soil Boring # SB-120

- n Date of boring 08/21/13
- n Total depth of boring – 28 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subrounded, heterogeneous, very stiff, large rock fragments.
- n (4 – 8') Dark reddish brown (10R 3/4), silt to medium-grained sand (SM), subrounded, homogeneous, soft to moderately stiff, dark staining at 6', rock fragments at 7'-8'.
- n (8 – 11') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, very stiff.
- n (11 – 15') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 2/2), silt to medium-grained sand (SM), subangular, homogenous, moderately stiff.
- n (16 – 19') Dark reddish brown (10R 3/4), silt to medium-grained sand (SM), subangular, homogeneous, hard clay layer at 18'-19'.
- n (19 – 22') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous.
- n (22 – 25') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, very stiff to hard, clay layer between 23'-25', micaceous.
- n (25 – 28') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, soft, moist at 25', micaceous with 10% lithics.

Soil Boring # SB-121

- n Date of boring 08/21/13
- n Total depth of boring – 31 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), fine to medium-grained sand (SP), subrounded, heterogeneous, moderately stiff.
- n (4 – 8') Moderate reddish brown (10R 4/6) to medium light gray, silt to coarse-grained sand (SM), heterogeneous, moderately soft, large rock fragments at 7'-8'.
- n (8 – 12') Medium gray to moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, heterogeneous, soft to very stiff, large rock fragments from 8'-9'.

- n (12 – 16') Moderate gray, medium reddish brown (10R 4/6), and moderate yellowish brown (10YR 5/4), silt to medium-grained sand (SM), subangular, heterogeneous, very stiff.
- n (16 – 20') Dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), subrounded, homogeneous, very stiff, lithics throughout core.
- n (20 – 23') Dark yellowish orange (10YR 6/6) to gray orange (10YR 7/4), sandy clay (SC) at 21'-23', subrounded, homogeneous.
- n (23 – 27') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), heterogeneous, soft to hard with depth, micaceous, moist.
- n (27 – 31') Light brown to black, fine to coarse-grained sand (SP), subangular, heterogeneous, soft, muscovite, biotite, quartz-rich.

Soil Boring # SB-122

- n Date of boring 08/21/13
- n Total depth of boring – 28 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, loose, quartz fragments from 6'-8'.
- n (4 – 12') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, soft to stiff with depth, large rock fragments.
- n (12 – 16') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 4/2), silt to medium-grained sand (SM), subangular, homogeneous, very stiff, quartz fragments throughout core.
- n (16 -20') Moderate reddish brown (10R 4/6) to yellowish orange (10YR 6/6), clay to coarse-grained clayey sand (SC), subangular, homogenous, very stiff, clay laminated throughout core.
- n (20 -26') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subrounded, homogeneous, very stiff, clay and mica throughout core.
- n (26 – 28') Light brown (5YR 5/6) to black, fine to coarse-grained sand (SP), subangular, heterogeneous, quartz and muscovite-rich.

Soil Boring # SB-123

- n Date of boring 08/23/13
- n Total depth of boring – 23 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), subangular, heterogeneous, soft to hard.

- n (4 – 12') Dark yellowish brown (10YR 4/2) to moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, soft to stiff.
- n (12 – 15') Moderate orange pink (10R 7/4), clay to fine-grained clayey sand (SC), subangular, homogeneous, moist, approximately 80% clay.
- n (15 – 18') Grayish red (10R 4/2) to moderate reddish orange (10R 6/6) to very pale orange (10YR 8/2), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, very stiff, very micaceous.
- n (18 – 21') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft, micaceous.
- n (21 – 23') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft, micaceous.

Soil Boring # SB-124

- n Date of boring 08/23/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, hard, non-native fill to 3'.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogenous except 4'-5' with brown non-native fill.
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, hard, large quartz fragments at 8.5', color becomes lighter with depth.
- n (12 – 22') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, hard, very micaceous with depth, moist at 19'.

Soil Boring # SB-125

- n Date of boring 08/23/13
- n Total depth of boring – 21 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, hard, quartz fragments at 3-5'.
- n (8 – 12') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to medium grained clayey sand (SC), homogeneous, very hard with very little mica.
- n (12 – 15') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to gravel (GC), subangular, heterogeneous, very hard, quartz fragments at 12.5', increased mica with depth.

- n (15 – 18') Moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, very hard, quartz, increased clay at 17'.
- n (18 – 21') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogenous, very hard, very micaceous.

Soil Boring # SB-126

- n Date of boring 08/26/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), subangular, heterogeneous, very stiff, gravel 1'-2' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to gravel (GM), subangular, heterogeneous, very stiff, quartz fragments at 5'.
- n (8 – 12') Moderate reddish orange (10R 6/6), silt to coarse-grained clayey sand (SC), subrounded, homogenous, very stiff, quartz grains and mica throughout.
- n (12 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, moderately stiff, very micaceous, increased clay at 17' and color change to grayish orange (10YR 7/4) at 17.5'.
- n (18 – 21') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogeneous, very stiff, micaceous, moist at 19'.

Soil Boring # SB-127

- n Date of boring 08/26/13
- n Total depth of boring – 23 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black, silt to gravel (GM), heterogeneous, very stiff, gravel 1'-4' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, soft, muscovite and biotite at 6', quartz and mafic fragments at 7'.
- n (8 – 11') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogenous, hard, micaceous (muscovite) throughout.
- n (11 – 14') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), homogenous, stiff, micaceous, clay at 14'.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, soft, micaceous throughout.

- n (17 – 20') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to medium-grained clayey sand (SC), subangular, stiff, very micaceous, moist at 19'.
- n (21 – 23') No recovery 20'-21'. Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, soft, homogeneous, color change to moderate reddish brown (10R 4/6) at 22'.

Soil Boring # SB-128

- n Date of boring 08/26/13
- n Total depth of boring – 23 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to medium gray, silt to gravel (GM), heterogeneous, soft, gravel 1'-4' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, moderately stiff, gravel and quartz fragments from 4'-5'.
- n (8 – 11') Moderate reddish brown (10R 4/6) to grayish orange (10YR 7/4), silt to gravel (GM), subangular, heterogeneous, hard, large quartz fragments from 9'-10'.
- n (11 – 17') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogenous, very stiff, mica increases with depth.
- n (17 – 20') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, stiff, homogenous, very micaceous, moist at 19'.
- n (20 – 23') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, soft to stiff, micaceous.

Soil Boring # SB-129

- n Date of boring 08/26/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to medium gray, silt to gravel (GM), heterogeneous, stiff to hard, gravel 1'-4' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM), subrounded, homogeneous, stiff
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, moderately stiff, clay noticeable at 12'.
- n (12 – 15') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to gravel (GC), subangular, heterogeneous, very stiff, large quartz fragments at 12' to 13.5', clay and mica increased with depth.

- n (15 – 18') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogenous, very stiff, micaceous.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous, moist at 21'.

Soil Boring # SB-130

- n Date of boring 08/26/13
- n Total depth of boring – 24 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, soft to hard, gravel 1'-4' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), angular, heterogeneous, soft to hard, fill throughout core.
- n (8 – 12') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), heterogeneous, very stiff, gravel stops at 9'.
- n (12 – 15') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, very stiff, increase in biotite and muscovite with depth.
- n (15 – 18') Moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM), subangular, homogenous, stiff, micaceous.
- n (18 – 21') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM), subangular, heterogeneous, very stiff, increase in clay (SC) at 20', clay is grayish orange in color (10YR 7/4), micaceous from 19'-20'.
- n (21 – 24') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to medium-grained clayey sand (SC), homogeneous, very stiff, clay increases at 22', moist at 23'.

Soil Boring # SB-131

- n Date of boring 08/26/13
- n Total depth of boring – 24 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff, gravel 1'-4' appears to be fill.
- n (4 – 8') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), angular, heterogeneous, soft, fill throughout 7'.
- n (8 – 12') Moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM), subangular, very stiff, color change to light brown with depth.

- n (12 – 15') Moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous.
- n (15 – 21') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, micaceous, color change to grayish orange (10YR 7/4) with increased clay at depth.
- n (21 – 24') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, soft, micaceous, moist at 22'.

Soil Boring # SB-132

- n Date of boring 08/26/13
- n Total depth of boring – 27 feet bls
- n (0 – 8') Moderate reddish orange (10R 6/6) to light gray, silt to gravel (GM), subangular, heterogeneous, stiff, fill throughout core.
- n (8 – 12') Moderate yellow brown (10YR 5/4) to moderate reddish orange (10R 6/6), silt to gravel (GM), heterogeneous, moderately stiff, gravel 8'-9'.
- n (12 – 15') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff.
- n (15 – 18') Moderate reddish brown (10R 4/6) to moderate yellow brown (10YR 7/4), clay to coarse-grained clayey sand (SC), subangular, homogenous, very stiff, quartz grains 16'-17'.
- n (18 – 21') Moderate reddish orange (10R 6/6) to light gray, clay to gravel (GC), heterogeneous, stiff to hard, mafic rock fragments at 19'-20' (quartz, biotite, olivine, feldspar), micaceous 20'-21'.
- n (21 – 24') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft, micaceous, quartz grains from 21'-22'.
- n (24 – 27') Moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, very micaceous.

Soil Boring # SB-133

- n Date of boring 08/27/13
- n Total depth of boring – 21 feet bls
- n (0 – 8') Moderate reddish orange (10R 6/6) to light gray, silt to gravel (GM), subangular, heterogeneous, stiff, fill throughout core, very strong pesticide odor from 4' – 8'.
- n (8 – 12') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, soft, strong pesticide odor, moderate yellowish brown (10YR 5/4) from 11'-12'.

- n (12 – 15') Moderate yellowish brown (10YR 5/4) to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, strong pesticide odor.
- n (15 – 18') Moderate reddish orange (10R 6/6) to white, clay to gravel-sized quartz fragments (GC), heterogeneous, stiff to hard, strong pesticide odor, quartz fragments from 15.5'-16'.
- n (18 – 21') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, stiff, moist at 20', micaceous, strong odor.

Soil Boring # SB-134

- n Date of boring 08/29/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, quartz and lithics throughout core.
- n (4 – 8') Moderate reddish orange (10R 6/6) to dusky yellowish brown (10YR 2/2), clay to gravel (GC), subangular, heterogeneous, very stiff.
- n (8 – 12') Moderate reddish orange (10R 6/6) to dusky yellowish brown (10YR 2/2), clay to fine-grained clayey sand (SC), subangular, homogeneous, moderately stiff.
- n (12 – 15') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff.
- n (15 – 18') Moderate reddish orange (10R 6/6) to dusky yellowish brown (10YR 2/2), clay to fine-grained clayey sand (SC), subangular, homogeneous, soft to very stiff.
- n (18 – 21') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous 19'-20', moist at 20'.

Soil Boring # SB-135

- n Date of boring 08/28/13
- n Total depth of boring – 22 feet bls
- n (0 – 6') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), subangular, homogeneous, soft.
- n (6 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff to hard.
- n (8 – 12') Moderate reddish brown (10R 4/6), silt to coarse sand (SM), subangular, heterogeneous, moderately stiff, large quartz grains 8.5'-9.5'.

- n (12 – 15') Grayish red (10R 4/2) to moderate reddish orange (10R 4/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff.
- n (15 – 18') Moderate reddish brown (10R 4/6) to grayish red (10R 4/2) with depth, clay to coarse-grained clayey sand (SC), subangular, homogeneous, large quartz fragments at 17.5', minimal mica starting at 17.5'.
- n (18 – 22') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very micaceous at 19', moist at 19.5'.

Soil Boring # SB-136

- n Date of boring 08/28/13
- n Total depth of boring – 19 feet bls
- n (0 – 8') Moderate reddish orange (10R 6/6), silt to fine-grained sand (SM), subangular, homogeneous, soft.
- n (8 – 12') Moderate reddish orange (10R 6/6), silt to fine-grained sand (SM), subangular, very stiff, clay at depth.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, mica and clay increased with depth.
- n (15 – 19') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, very micaceous.

Soil Boring # SB-137

- n Date of boring 09/05/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, very stiff, quartz and lithics throughout.
- n (4 – 8') Moderate reddish brown (10R 4/6), black from 5.5'-6' and 7.5'-8', clay to coarse-grained clayey sand (SC), subangular, heterogeneous, soft to stiff.
- n (8 – 11') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, quartz fragments at 10.5', stiff.
- n (11 – 17') Moderate reddish orange (10R 6/6), grayish orange (10YR 7/4), approximately 70% clayey sand (SC), homogeneous, quartz fragments at 13.5' to 14', very stiff.
- n (17 – 20') Light brown (5YR 5/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogenous, soft to stiff, moist at 17', little mica.

Soil Boring # SB-138

- n Date of boring 09/05/13
- n Total depth of boring – 23 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, moderately stiff, gravel 0'-0.75'.
- n (4 – 11') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 4/2), clay to coarse-grained clayey sand (SC), subangular, homogeneous, moderately stiff, quartz fragments 7'-9'.
- n (11 – 17') Light brown (5YR 5/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, quartz grains visible, minor mica at 16'.
- n (17 – 23') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, stiff, mica increases with depth, moist at 20'.

Soil Boring # SB-139

- n Date of boring 09/05/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), light gray, silt (soil) 0'0.5', concrete from 0.5-4'.
- n (4 – 8') Light gray to moderate reddish brown (10R 4/6), clay to gravel (GC), subangular, heterogeneous, very stiff.
- n (8 – 11') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous at 10'.
- n (11 – 20') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous, moist at 18'.

Soil Boring # SB-140

- n Date of boring 09/05/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Light gray, light brown (5YR 5/6), moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), heterogeneous, very stiff.
- n (4 – 8') Light brown (5YR 5/6) to moderate reddish orange (10R 6/6), silt to gravel (GM) from 4'-7' and clay to medium-grained clayey sand (SC) from 7'-8', heterogeneous, moderately stiff, micaceous 7'-8'.
- n (8 – 14') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, stiff, micaceous.

- n (14 – 17') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff to stiff, very micaceous.
- n (17 – 20') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, moist at 18'.

Soil Boring # SB-141

- n Date of boring 09/05/13
- n Total depth of boring – 18 feet bls
- n (0 – 4') Moderately reddish orange (10R 6/6), moderate reddish brown (10R 4/6), dusky brown (5YR 2/2), silt to gravel (GM), heterogeneous, moderately stiff, gravel throughout, mafic, quartz, biotite, feldspar.
- n (4 – 8') Moderate yellowish orange (10YR 5/4) to moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff to hard, large quartz fragments 6'-8'.
- n (8 – 11') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff to hard, quartz fragments mixed throughout core.
- n (11 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, little mica, moist at 15'.

Soil Boring # SB-142

- n Date of boring 08/29/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), subangular, heterogeneous, moderately stiff hard.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, stiff, gravel 4'-5', quartz fragments from 6'-7'.
- n (8 – 11') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogeneous, soft to stiff, clay increase at 11'.
- n (11 – 14') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, clay increase at 12.5'-13.5', mica from 13'-14'.
- n (14 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous, moist at 18'.

Soil Boring # SB-143

- n Date of boring 08/29/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to light gray, silt to coarse-grained sand (SM), subangular, heterogeneous, moderately stiff.
- n (4 – 8') Moderately reddish brown (10R 4/6) to light gray, silt to coarse-grained sand (SM), subangular, homogeneous, quartz fragments at 4'-4.5'.
- n (8 – 11') Moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, very stiff, clay increase at 8'.
- n (11 – 14') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, very stiff, quartz fragments at 11' and 13.5'.
- n (14 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, micaceous, quartz fragments at 16.5'.
- n (18 – 22') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, mica and clay increase with depth, moist at 21'.

Soil Boring # SB-144

- n Date of boring 08/29/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to medium gray, silt to coarse-grained sand (SM), subangular, heterogeneous, very stiff.
- n (4 – 8') Medium gray to moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, very stiff, clay increases at 8'.
- n (8 – 12') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, lithics throughout core.
- n (12 – 15') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, minimal mica at 15'.
- n (15 – 18') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subrounded/subangular, homogenous, soft, clay increase at 17'.

- n (18 – 22') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, moderately stiff, moist at 20'.

Soil Boring # SB-145

- n Date of boring 08/27/13
- n Total depth of boring – 24 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6), moderate reddish orange (10R 6/6), light gray, clay to gravel (GC), angular, heterogeneous, soft to hard, fill mixed throughout core, quartz fragments at 8'.
- n (8 – 12') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), heterogeneous, subangular, moderately stiff.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), homogeneous, subangular, very stiff, quartz and mica throughout 14-15'.
- n (15 – 24') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogenous, stiff, micaceous, increased clay with depth, moist at 22'.

Soil Boring # SB-146

- n Date of boring 09/04/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, stiff, micaceous.
- n (4 – 8') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, little mica.
- n (8 – 11') Moderate yellowish brown (10YR 5/4) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, stiff, quartz fragments at 8.5' and 10.75', little mica.
- n (11 – 14') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micas increase with depth.
- n (14 – 21') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, mica from 14'-15', moist at 18'.

Soil Boring # SB-147

- n Date of boring 09/04/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Light gray to moderate reddish brown (10R 4/6), silt to gravel (GM), heterogeneous, loose, hard.
- n (4 – 8') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff.
- n (8 – 14') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous from 9'-11'.
- n (14 – 17') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to gravel (GC), subangular, heterogeneous, moderately stiff, gravel at 16.5'.
- n (17 – 21') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous, moist at 17'.

Soil Boring # SB-148

- n Date of boring 09/04/13
- n Total depth of boring – 17 feet bls
- n (0 – 4') Light gray to light brown (5YR 5/6), fine-grained to gravel (GP), heterogeneous, loose, hard.
- n (4 – 8') Light brown (5YR 5/6) to moderate reddish orange (10R 6/6), clay to gravel (GC), heterogeneous, very stiff, micaceous 6'-8'.
- n (8 – 14') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous, increased clay with depth.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, very stiff, micaceous, moist at 14/5'.

Soil Boring # SB-149

- n Date of boring 09/04/13
- n Total depth of boring – 18 feet bls
- n (0 – 4') Light gray to light brown (5YR 5/6), fine-grained to gravel (GP), heterogeneous, soft to hard.
- n (4 – 8') Light gray to medium reddish brown (10R 4/6), silt to fine-grained sand (SM), subangular, homogeneous, very stiff, quartz and lithics.

- n (8 – 11') Moderate reddish orange (10R 6/6), silt to fine-grained sand (SM), subangular, heterogeneous, moderately stiff, large quartz fragments at 9.5'.
- n (11 – 14') Moderate reddish brown (10R 4/6), dark yellowish orange (10YR 6/6), moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, moderately stiff, quartz fragments at 12', micaceous 13'-14'.
- n (14 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, micaceous, moist at 16'.

Soil Boring # SB-150

- n Date of boring 08/29/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, heterogeneous, soft to hard.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogenous, very stiff.
- n (8 – 11') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, stiff, quartz fragments at 9.5'.
- n (11 – 14') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, soft to moderately stiff, micaceous 12'-14', quartz fragments at 12.5'-13'.
- n (14 – 18') Moderate reddish brown (10R 4/6), moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogeneous, stiff, very micaceous.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft to stiff, very micaceous, moist at 21'.

Soil Boring # SB-151

- n Date of boring 08/29/13
- n Total depth of boring – 18 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), subangular, heterogeneous, soft to hard, gravel 2.5'-3'.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, very stiff, clay at 7.5'.
- n (8 – 14') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, very stiff, quartz fragments at 10.5', micaceous 11'-14'.

- n (14 – 18') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, moist at 17', micaceous.

Soil Boring # SB-152

- n Not advanced.

Soil Boring # SB-153

- n Date of boring 08/27/13
- n Total depth of boring – 24 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6) to moderate reddish brown (10R 6/6), silt to gravel (GM), angular, stiff to hard, fill from 3'-6'.
- n (8 – 12') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 2/2), silt to coarse-grained sand (SM), subangular, heterogeneous, stiff, fine-grained with depth.
- n (12 – 15') Moderate reddish brown (10R 4/6) to dark yellowish brown (10YR 2/2), clay to medium-grained clayey sand (SC), homogenous, very stiff, micaceous 13'-15'.
- n (15 – 18') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, very stiff, micaceous.
- n (18 – 21') Moderate yellowish brown (10YR 5/4) to moderate reddish orange (10R 6/6), clay to gravel (GC), subangular, heterogeneous, stiff to hard, micaceous, rock fragments 19'-19.5'.
- n (21 – 24') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, soft to stiff, moist at 22'.

Soil Boring # SB-154

- n Date of boring 09/03/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), subangular, homogenous, stiff, asphalt from 3.5'-4'.
- n (4 – 8') Moderate reddish brown (10R 4/6) to dark yellowish orange (10YR 6/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, stiff, quartz fragments at 6.5-7'.
- n (8 – 11') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, quartz fragments at 8'.

- n (11 – 14') Moderate reddish orange (10R 6/6) to dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, micaceous at 13'.
- n (14 – 18') Moderate reddish orange (10R 6/6) to black, clay to fine-grained clayey sand (SC), subangular, homogeneous, moderately stiff, micaceous, black stains appear to have smeared from 14'-15'.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, micaceous, moist at 20'.

Soil Boring # SB-155

- n Date of boring 09/03/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate brown (5YR 4/4) to light gray, silt to gravel (GM), subangular, heterogeneous, loose to hard, alkali feldspar.
- n (4 – 8') Moderate reddish orange (10R 6/6) to light gray, clay to gravel (GC), heterogeneous, stiff, clay at 7.5', gravel is alkali feldspar.
- n (8 – 11') Moderate reddish orange (10R 6/6), moderate yellow brown (10YR 5/4), clay to medium-grained clayey sand (SC), homogenous, stiff, clay layer at 8.75', micaceous at 9'.
- n (11 – 14') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous.
- n (14 – 17') Medium gray to moderate reddish orange (10R 6/6), clay to gravel (GC), subangular, heterogeneous, stiff to hard, gravel alkali feldspar.
- n (17 – 20') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, stiff, moist at 18'.

Soil Boring # SB-156

- n Date of boring 09/04/13
- n Total depth of boring – 19 feet bls
- n (0 – 4') Black to light/medium gray, silt to gravel (GM), subangular, heterogeneous, soft to hard.
- n (4 – 8') Moderate reddish brown (10R 4/6) to light gray, clay to coarse-grained clayey sand (SC), heterogeneous, stiff, micaceous 7'-8'.
- n (8 – 11') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, moderately stiff, micaceous 9'-11'.

- n (11 – 15') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous.
- n (15 – 19') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft, micaceous, moist at 16'.

Soil Boring # SB-157

- n Date of boring 09/04/13
- n Total depth of boring – 21 feet bls
- n (0 – 7') Dark yellowish brown (10YR 4/2), light gray, moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, moderately stiff.
- n (7 – 11') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, very stiff, quartz fragments from 10'-11'.
- n (11 – 14') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, moderately stiff, homogenous, micaceous from 12 – 14'.
- n (14 – 18') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous throughout.
- n (18 – 21') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), homogeneous, moderately stiff, alkali feldspar fragments at 18', moist at 20', micaceous.

Soil Boring # SB-158

- n Date of boring 08/30/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to light gray, silt to gravel (GM), angular, heterogeneous, soft to hard.
- n (4 – 8') Moderate reddish orange (10R 6/6) to light gray, clay to gravel (GC), subangular, heterogeneous, stiff to hard, gravel from 4'-6', increase in clay at 7.5'.
- n (8 – 11') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to coarse-grained clayey sand (SC), homogeneous, very stiff, quartz grains 8'-9'.
- n (11 – 14') Dusky brown (5YR 2/2) to dark yellowish orange (10YR 6/6), clay to medium-grained clayey sand (SC), homogeneous, very stiff.
- n (14 – 17') Moderate reddish orange (10R 6/6) to dark yellowish orange (10YR 6/6), clay to gravel (GC), heterogeneous, moderately stiff to hard, quartz fragments at 15.5', micaceous at 16'.

- n (17 – 20') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, very micaceous.

Soil Boring # SB-159

- n Date of boring 08/29/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to dark gray, silt to gravel (GM), angular, heterogeneous, soft to hard.
- n (4 – 6') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), heterogeneous, soft.
- n (6 – 8') No recovery.
- n (8 – 12') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, moderately stiff, minimal mica at 12'.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, moderately stiff, micaceous at 15'.
- n (15 – 19') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, heterogeneous, soft, micaceous.
- n (19 – 22') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, moist at 20'.

Soil Boring # SB-160

- n Date of boring 08/27/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to gravel (GM), angular, heterogeneous, stiff to hard, fill from 0'-2.5'.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM), subangular, homogeneous, stiff.
- n (8 – 12') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous at 13'.
- n (15 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogeneous, stiff, very micaceous.

- n (18 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, moist at 20'.

Soil Boring # SB-161

- n Not advanced.

Soil Boring # SB-162

- n Date of boring 09/03/13
- n Total depth of boring – 22 feet bls
- n (0 – 5') Medium gray, fine to gravel (GP), angular, heterogeneous, soft to hard, quartz, biotite, alkali feldspar.
- n (5 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM), subangular, homogenous, soft, rock fragments at 8'.
- n (8 – 15') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogeneous, stiff, micaceous, strong odor, quartz grains at 14'.
- n (15 – 22') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, micaceous 16' and 18', very strong odor, moist at 15'.

Soil Boring # SB-163

- n Date of boring 09/03/13
- n Total depth of boring – 23 feet bls
- n (0 – 4') Medium gray, silt to gravel (GC), subangular, heterogeneous, soft to hard.
- n (4 – 8') Medium gray, moderate reddish orange (10R 6/6), silt to gravel (GM), subangular, heterogeneous, stiff to hard, alkali feldspar.
- n (8 – 12') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), subangular, homogeneous, soft, micaceous.
- n (12 – 15') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), homogenous, moderately stiff, micaceous.
- n (15 – 19') Moderate reddish orange (10R 6/6) to dark yellowish orange (10YR 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, soft, micaceous, moist at 19'.
- n (19 – 23') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, stiff.

Soil Boring # SB-164

- n Date of boring 09/03/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Medium gray, moderate reddish orange (10R 6/6), dark yellowish orange (10YR 6/6), clay to gravel (GC), subangular, heterogeneous, soft to hard, alkali feldspar, biotite.
- n (4 – 8') Medium gray to moderate reddish orange (10R 6/6), silt to gravel (GM), subangular, soft to hard, heterogeneous, biotite, quartz, alkali feldspar.
- n (8 – 12') Moderate reddish orange (10R 6/6), clay to coarse clayey sand (SC), subangular, homogenous, moderately stiff, clay at 9.5', micaceous at 11', quartz grains throughout.
- n (12 – 18') Moderate reddish orange (10R 6/6) to dusky yellowish brown (10YR 2/2), clay to coarse-grained clayey sand (SC), subangular, homogenous, stiff, micaceous.
- n (18 – 21') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, very micaceous.

Soil Boring # SB-165

- n Date of boring 08/30/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to gravel (GM), angular, heterogeneous, stiff to hard.
- n (4 – 10') No recovery.
- n (10 – 11') Moderate reddish brown (10R 4/6), clay (minimal) to coarse-grained clayey sand (SC), subangular, heterogeneous, moderately stiff.
- n (11 – 17') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, very stiff, increase of clay at 12.5', lithics at 13'-16'.
- n (17 – 20') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft to moderately stiff, moist at 17', micaceous 18'-20'.

Soil Boring # SB-166

- n Date of boring 08/29/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black, silt to gravel (GM), angular, heterogeneous, very stiff to hard.

- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, clay increase at 7.5'.
- n (8 – 14') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, quartz fragments at 9', micaceous at 10'.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous.
- n (17 – 21') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), homogenous, soft, micaceous, moist at 18'.

Soil Boring # SB-167

- n Date of boring 08/27/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), silt to gravel (GM), angular, heterogeneous, stiff to hard, fill from throughout.
- n (4 – 8') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), silt to coarse-grained clayey sand (SC), subangular, homogeneous, moderately stiff.
- n (8 – 11') Moderate reddish orange (10R 6/6), silt to coarse-grained sand (SM) primarily with minor amounts of clay (SC) at 11', subangular, homogeneous.
- n (11 – 14') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), homogenous, very stiff, very micaceous throughout core.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, micaceous.
- n (17 – 21') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, soft to stiff, very micaceous, moist at 19'.

Soil Boring # SB-168

- n Date of boring 08/27/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), moderate reddish brown (10R 4/6), light gray, silt to gravel (GM), angular, heterogeneous, stiff to hard, gravel throughout.
- n (4 – 8') Moderate reddish brown (10R 4/6), silt to grave (GM), angular, heterogeneous, moderately stiff, gravel through 6.5'

- n (8 – 11') Moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous at 11', clay is dark yellowish orange (10YR 6/6).
- n (11 – 17') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, very stiff, very micaceous, increased clay from 15'-16'.
- n (17 – 21') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, soft to stiff, micaceous, moist at 18'.

Soil Boring # SB-169

- n Date of boring 08/30/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to dark gray, silt to gravel (GM), angular, heterogeneous, stiff to hard, gravel throughout.
- n (4 – 8') Light gray gravel through 7'; moderate reddish brown (10R 4/6) silt to coarse-grained sand (SM), heterogeneous, soft.
- n (8 – 12') Moderate reddish brown (10R 4/6) to dark gray, clay to coarse-grained clayey sand (SC), heterogeneous, stiff to very stiff, clay begins at 11'.
- n (12 – 15') Dark gray to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, moderately stiff, quartz fragments at 14', micaceous 14.5'-15'.
- n (15 – 18') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogenous, micaceous, soft.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogenous, micaceous, soft to stiff, moist at 19'.

Soil Boring # SB-170

- n Date of boring 08/30/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to light gray, silt to gravel (GM), heterogeneous, stiff to hard, gravel throughout.
- n (4 – 8') Light gray, gravel 4'-5'; moderate reddish brown (10R 4/6), silt to coarse-grained sand (SM) from 5'-8', moderately soft, quartz fragments 7.5'.
- n (8 – 11') Light gray to dark yellowish brown (10YR 4/2), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, stiff, alkalis feldspar from 8.5'-10.5'.

- n (11 – 14') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, clay increase 13', minimal mica at 14'.
- n (14 – 21') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to fine-grained clayey sand (SC), homogenous, very stiff, dense, clay increase at 15.5', clay from 19'-20.25', moist at 18'.

Soil Boring # SB-171

- n Date of boring 08/30/13
- n Total depth of boring – 18 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to light gray, silt to gravel (GM), subangular, heterogeneous, stiff to hard, gravel throughout.
- n (4 – 14') Moderate reddish brown (10R 4/6) to grayish orange (10YR 7/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, large sticky clay layer from 5.5'-7'.
- n (14 – 18') Grayish red (10R 4/2), clay to fine-grained clayey sand (SC), homogeneous, moderately stiff, ~65% clay, moist at 17'.

Soil Boring # SB-172

- n Not advanced.

Soil Boring # SB-173

- n Date of boring 08/28/13
- n Total depth of boring – 22 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), subangular, homogenous, moderately stiff.
- n (4 – 8') Moderate reddish orange (10R 6/6), moderate reddish brown (10R 4/6), dark gray, silt to gravel (GM), heterogeneous, stiff to hard, gravel throughout core.
- n (8 – 12') Moderate reddish orange (10R 6/6), moderate yellow brown (10YR 5/4), black, clay to coarse-grained clayey sand (SC), subangular, heterogeneous, stiff, minor amounts of mica, lithics 8'-9'.
- n (12 – 15') Moderate reddish brown (10R 4/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, micaceous throughout, clay increased with depth.

- n (15 – 18') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, very micaceous.
- n (18 – 22') Moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, homogeneous, stiff, moist at 19', micaceous throughout.

Soil Boring # SB-174

- n Date of boring 08/28/13
- n Total depth of boring – 21 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), silt to medium-grained sand (SM), subangular, homogenous, very stiff.
- n (4 – 8') Moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), subangular, heterogenous, stiff, clay at 7'-8'.
- n (8 – 12') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, moderately stiff, quartz fragments at 9'.
- n (12 – 18') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), homogeneous, very stiff, minimal mica 14'-15'.
- n (18 – 21') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, homogeneous, moderately stiff, moist at 19'.

Soil Boring # SB-175

- n Date of boring 08/28/13
- n Total depth of boring – 15 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to gravel (GM), subangular, heterogeneous, very stiff to hard, gravel throughout core.
- n (4 – 8') Moderate reddish brown (10R 4/6) to light gray, silt 4'-4.5', gravel 4.5'-8'.
- n (8 – 12') Light gray to moderate reddish orange (10R 6/6), gravel fill to 10', clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, clay increased with depth.
- n (12 – 15') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to silt (CL), homogeneous, rock fragments 12'-13' (alkali feldspar). Refusal at 15'.

Soil Boring # SB-176

- n Date of boring 09/03/13
- n Total depth of boring – 21 feet bls

- n (0 – 4') Medium gray to moderate reddish orange (10R 6/6), silt to gravel (GM), subangular, heterogeneous, very stiff to hard.
- n (4 – 12') Moderate brown (5YR 4/4) to moderate reddish orange (10R 6/6), clay to gravel (GC), subangular, heterogeneous, stiff to hard.
- n (12 – 15') Moderate reddish orange (10YR 6/6) to dark yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), heterogeneous, moderately stiff, increase in clay from 12.5'-14.5'.
- n (15 – 18') Moderate reddish orange (10YR 6/6), moderate reddish brown (10R 4/6), dark yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, homogenous, soft to stiff, micaceous.
- n (18 – 21') Moderate reddish orange (10YR 6/6), moderate reddish brown (10R 4/6), clay to coarse-grained clayey sand (SC), subangular, heterogeneous, very stiff, moist at 18'.

Soil Boring # SB-201

- n Date of boring 09/06/13
- n Total depth of boring – 11 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black (slag), silt to gravel (GM), heterogeneous, moderately stiff, clay layer at 1.5', gravel from 0'-3'.
- n (4 – 11') Moderate reddish orange (10R 6/6), clay (75%) to fine-grained clayey sand (SC), homogenous, very stiff, moist at 10', quartz fragments at 11'.

Soil Boring # SB-202

- n Date of boring 09/06/13
- n Total depth of boring – 17 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black (slag), silt to gravel (GM), heterogeneous, moderately stiff, slag from 2'-4'.
- n (4 – 8') Moderate reddish brown (10R 4/6) to medium gray, silt to gravel (GM), subangular, heterogeneous, stiff to hard, gravel from 4.5'-6.5'.
- n (8 – 11') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogenous, very stiff.
- n (11 – 14') Light brown (5YR 5/6) to moderate reddish orange (10R 6/6), silty clay (CL), heterogeneous, very stiff, clay increased with depth.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogenous, very stiff, moist at 15'.

Soil Boring # SB-203

- n Date of boring 09/06/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black (slag), silt to gravel (GM), heterogeneous, stiff, slag from 0'-3'.
- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silty clay (CL), homogenous, stiff, clay increased with depth to 20%, quartz fragments at 5'.
- n (8 – 14') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to fine-grained clayey sand (SC), homogenous, very stiff, clay increased to 50%.
- n (14 – 17') Grayish orange (10YR 7/4), clay (80%) to silt (CL), homogenous, very stiff, moist at 19'.

Soil Boring # SB-204

- n Date of boring 09/06/13
- n Total depth of boring – 11 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black (slag intermixed throughout core), silt to gravel (GM), subangular, heterogeneous, clay layer at 3.5'.
- n (4 – 8') Moderate reddish brown (10R 4/6) to 6', black slag from 6'-8'.
- n (8 – 11') Black slag, silt to gravel (GM), homogenous, soft, moist at 9'.

Soil Boring # SB-205

- n Date of boring 09/06/13
- n Total depth of boring – 8 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black (slag from 3'-4'), clay to gravel (GC), heterogeneous, stiff, clay layer at 3'.
- n (4 – 8') Black slag, silt to coarse-grained sand (SM), homogenous, moderately stiff, moist at 7'.

Soil Boring # SB-206

- n Date of boring 09/06/13
- n Total depth of boring – 14 feet bls

- n (0 – 4') Moderate reddish brown (10R 4/6), moderate reddish orange (10R 6/6), to black, silt to gravel (GM), subangular, heterogeneous, moderately stiff to hard, black grains are slag 0.5'-1.5'.
- n (4 – 11') Moderate reddish orange (10R 6/6), clay to silt (SC), homogeneous, very stiff, quartz fragments at 10.75'
- n (11 – 14') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to silt (SC), homogenous, moderately stiff, moist at 12'.

Soil Boring # SB-207

- n Date of boring 09/06/13
- n Total depth of boring – 14 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black, silt to gravel (GM), subangular, heterogeneous, stiff, black grains are slag.
- n (4 – 8') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), homogenous, moderately stiff.
- n (8 – 11') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to medium-grained clayey sand (SC), subangular, homogeneous, very stiff, little mica at 11'.
- n (11 – 14') Grayish orange (10YR 7/4), clay (90%) to silt (CL), homogeneous, very stiff, moist at 13'.

Soil Boring # SB-208

- n Date of boring 09/06/13
- n Total depth of boring – 14 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6) to black, clay to gravel (GC), subangular, heterogeneous, very stiff, black grains are slag.
- n (4 – 8') Moderate reddish brown (10R 4/6), clay to medium-grained clayey sand (SC), homogenous, moderately stiff.
- n (8 – 14') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff.
- n (14 – 17') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay (80%) to fine-grained clayey sand (SC), homogeneous, very stiff.
- n (17 – 20') Grayish orange (10YR 7/4), clay (85%) to fine-grained clayey sand (SC), homogeneous, very stiff, moist at 18'.

Soil Boring # SB-209

- n Date of boring 09/06/13
- n Total depth of boring – 14 feet bls
- n (0 – 11') Moderate reddish brown (10R 4/6) to black, silt to gravel (GM), subangular, heterogeneous, moderately stiff, black fragments are slag, clay from 4'-8'.
- n (11 – 14') Moderate reddish orange (10R 6/6), clay (80%) to fine-grained clayey sand (SC), homogeneous, very stiff, moist at 12'.

Soil Boring # SB-210

- n Date of boring 09/05/13
- n Total depth of boring – 11 feet bls
- n (0 – 8') Moderate reddish brown (10R 4/6) to black, clay to gravel (GC), angular, heterogeneous, black fragments are slag, increasing with depth, clay apparent at 7'.
- n (8 – 11') Black to moderate reddish orange (10R 6/6), clay to coarse-grained clayey sand (SC), heterogeneous, moist at 9'.

Soil Boring # SB-211

- n Date of boring 09/05/13
- n Total depth of boring – 14 feet bls
- n (0 – 4') Moderate reddish brown (10R 4/6), silt to medium-grained sand (SM), subangular, homogenous, stiff, quartz/lithics.
- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, very stiff, quartz fragments at 4'.
- n (8 – 11') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), clay to medium-grained clayey sand (SC), subangular, heterogeneous, moderate to very stiff, quartz fragments at 9', micaceous from 10'-11'.
- n (11 – 14') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous, moist at 13'.

Soil Boring # SB-212

- n Date of boring 09/05/13
- n Total depth of boring – 17 feet bls

- n (0 – 4') Moderate reddish orange (10R 6/6), silt to fine-grained sand (SM), subangular, homogenous, moderately stiff.
- n (4 – 11') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff clay beginning at 7', large quartz fragments at 10'.
- n (11 – 17') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay (~75%) to fine-grained clayey sand (SC), homogeneous, stiff, quartz fragments at 10.5' and 13'-15.5', micaceous at 15', moist at 16'.

Soil Boring # SB-213

- n Date of boring 09/05/13
- n Total depth of boring – 17 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to gravel (GC), subangular, heterogeneous, stiff, little mica at 4'.
- n (4 – 8') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to fine-grained clayey sand (SC), subangular, homogenous, very stiff, mica 4'-5'.
- n (8 – 14') Moderate reddish orange (10R 6/6) to moderate reddish brown (10R 4/6), clay to fine-grained clayey sand (SC), homogeneous, stiff.
- n (14 – 17') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), homogeneous, very stiff, moist at 16'.

Soil Boring # SB-214

- n Date of boring 09/05/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to medium-grained clayey sand (SC), subangular, heterogeneous, stiff.
- n (4 – 8') Moderate reddish orange (10R 6/6), clay to fine-grained clayey sand (SC), subangular, homogeneous, stiff, micaceous 7'-8'.
- n (8 – 14') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), homogeneous, moderately stiff.
- n (14 – 20') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay to fine-grained clayey sand (SC), homogeneous, very stiff, moist at 18', increased clay at 18'.

Soil Boring # SB-215

- n Date of boring 09/05/13
- n Total depth of boring – 20 feet bls
- n (0 – 4') Moderate reddish orange (10R 6/6), grayish orange (10YR 7/4), moderate reddish brown (10R 4/6), silt to gravel (GM), subangular, heterogeneous, moderately stiff to hard, quartz fragments throughout.
- n (4 – 8') Moderate reddish brown (10R 4/6) to moderate reddish orange (10R 6/6), silt to fine-grained sand (SM), clay at 7' (SC), subangular, homogeneous, stiff, lithics and quartz grains.
- n (8 – 11') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to fine-grained clayey sand (SC), subangular, heterogeneous, moderately stiff to stiff, clay increases with depth.
- n (11 – 14') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to silt (CL), homogeneous, very stiff with mica at 14'.
- n (14 – 17') Moderate reddish orange (10R 6/6) to moderate yellowish brown (10YR 5/4), clay to silt (CL), homogeneous, very stiff, minimal mica.
- n (17 – 20') Moderate reddish orange (10R 6/6) to grayish orange (10YR 7/4), clay (80%) to silt (CL), homogeneous, very stiff.

Appendix C

Laboratory Analytical Reports

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OH20062

Date Completed: 08/27/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH20062 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH20062

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blank – Two analytical method blanks. No target analytes detected in either method blank.

Trip Blank – Not included in shipment.

LCS/LCSD – Two LCS/LCSD pairs were analyzed. Recoveries and RPDs are OK.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 8/29/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH20062

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH20062

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-101 (12-13')	Solid	08/19/2013 1343	08/20/2013
002	SB-101 (24-25')	Solid	08/19/2013 1357	08/20/2013
003	SB-102 (17-18')	Solid	08/19/2013 1500	08/20/2013
004	SB-102 (20-21')	Solid	08/19/2013 1505	08/20/2013
005	SB-103 (2-3')	Solid	08/19/2013 1555	08/20/2013
006	SB-103 (22-23')	Solid	08/19/2013 1600	08/20/2013
007	SB-104 (10-11')	Solid	08/19/2013 1710	08/20/2013
008	SB-104 (19-20')	Solid	08/19/2013 1715	08/20/2013
009	SB-105 (20-21')	Solid	08/20/2013 1025	08/20/2013
010	SB-105 (27-28')	Solid	08/20/2013 1030	08/20/2013
011	SB-106 (12-13')	Solid	08/20/2013 1130	08/20/2013
012	SB-106 (22-23')	Solid	08/20/2013 1135	08/20/2013
013	SB-107 (4-5')	Solid	08/20/2013 1430	08/20/2013
014	SB-107 (25-26')	Solid	08/20/2013 1435	08/20/2013
015	SB-108 (23-24')	Solid	08/20/2013 1545	08/20/2013
016	SB-108 (25.5-26.5')	Solid	08/20/2013 1550	08/20/2013

(16 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH20062

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-101 (12-13')	Solid	Acetone	8260B	22		ug/kg	5
001	SB-101 (12-13')	Solid	2-Butanone (MEK)	8260B	6.3	J	ug/kg	5
001	SB-101 (12-13')	Solid	Cyclohexane	8260B	0.96	J	ug/kg	5
001	SB-101 (12-13')	Solid	Methylcyclohexane	8260B	1.9	J	ug/kg	5
002	SB-101 (24-25')	Solid	Tetrachloroethene	8260B	56		ug/kg	7
003	SB-102 (17-18')	Solid	Tetrachloroethene	8260B	36		ug/kg	9
004	SB-102 (20-21')	Solid	Chloroform	8260B	2.6	J	ug/kg	11
004	SB-102 (20-21')	Solid	Tetrachloroethene	8260B	140		ug/kg	11
006	SB-103 (22-23')	Solid	Chloroform	8260B	1.0	J	ug/kg	15
006	SB-103 (22-23')	Solid	Tetrachloroethene	8260B	320		ug/kg	15
007	SB-104 (10-11')	Solid	Tetrachloroethene	8260B	1.1	J	ug/kg	17
008	SB-104 (19-20')	Solid	Tetrachloroethene	8260B	52		ug/kg	19
009	SB-105 (20-21')	Solid	Tetrachloroethene	8260B	48		ug/kg	21
010	SB-105 (27-28')	Solid	Tetrachloroethene	8260B	170		ug/kg	23
011	SB-106 (12-13')	Solid	Tetrachloroethene	8260B	1.7	J	ug/kg	25
012	SB-106 (22-23')	Solid	Tetrachloroethene	8260B	38		ug/kg	27
013	SB-107 (4-5')	Solid	Acetone	8260B	280		ug/kg	29
013	SB-107 (4-5')	Solid	2-Butanone (MEK)	8260B	28		ug/kg	29
013	SB-107 (4-5')	Solid	Xylenes (total)	8260B	5.4		ug/kg	30
015	SB-108 (23-24')	Solid	Carbon disulfide	8260B	1.9	J	ug/kg	33

(20 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1326	AAC		27832	6.23
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	22		19	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	6.3	J	9.7	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.97	ug/kg	1
Cyclohexane	110-82-7	8260B	0.96	J	4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.97	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.7	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.95	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.7	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	1.9	J	4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1326	AAC		27832	6.23

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1349	AAC		27832	6.02

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.2	ug/kg	1
Benzene	71-43-2	8260B	ND		6.1	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.1	0.86	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.1	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.1	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.1	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.93	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.1	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.1	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.1	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.1	0.50	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.1	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	56		6.1	0.61	ug/kg	1
Toluene	108-88-3	8260B	ND		6.1	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1349	AAC		27832	6.02

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	0.77	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.1	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.97	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.1	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.1	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1413	AAC		27832	5.49
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.4	ug/kg	1
Benzene	71-43-2	8260B	ND		6.3	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.3	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.3	0.88	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.3	2.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.3	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.3	2.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.3	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.3	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.3	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.3	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.3	0.85	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.3	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.3	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.3	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.3	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.3	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.3	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.3	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.3	0.92	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.3	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.3	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.3	0.96	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.3	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.3	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.3	0.86	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.3	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.3	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.3	0.29	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.3	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.3	0.50	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.3	0.52	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.3	3.3	ug/kg	1
Styrene	100-42-5	8260B	ND		6.3	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.3	0.59	ug/kg	1
Tetrachloroethene	127-18-4	8260B	36		6.3	0.63	ug/kg	1
Toluene	108-88-3	8260B	ND		6.3	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1413	AAC		27832	5.49

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.3	0.79	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.3	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.3	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.3	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.3	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.3	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.3	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.3	3.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		106	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1515	AAC		27832	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.84	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.6	ug/kg	1
Chloroform	67-66-3	8260B	2.6	J	6.0	0.99	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.81	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.87	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.81	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	140		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1515	AAC		27832	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.75	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.94	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		103	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1538	AAC		27832	6.27

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1538	AAC		27832	6.27

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		106	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1602	AAC		27832	5.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	1.0	J	5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	320		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1602	AAC		27832	5.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		104	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1626	AAC		27832	5.94
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.1	J	5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1626	AAC		27832	5.94

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		108	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1649	AAC		27832	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.79	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.96	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.86	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.77	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	52		5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1649	AAC		27832	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.96	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.97	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142
Bromofluorobenzene		104	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1713	AAC		27832	5.97
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	48		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1713	AAC		27832	5.97

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		99	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1737	AAC		27832	6.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.8	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.98	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.98	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.8	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.8	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	170		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1737	AAC		27832	6.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.62	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		105	47-138
Toluene-d8		108	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1800	AAC		27832	6.56

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.71	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.85	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.7	J	4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1800	AAC		27832	6.56

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.81	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		107	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1256	AAC		28069	6.16
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.2	ug/kg	2
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.4	0.72	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.91	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.78	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.81	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.97	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.4	1.0	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	2
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.50	ug/kg	2
Tetrachloroethene	127-18-4	8260B	38		5.4	0.54	ug/kg	2
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1256	AAC		28069	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.67	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.91	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.4	0.92	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	53-142
Bromofluorobenzene		74	47-138
Toluene-d8		79	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1847	AAC		27832	5.85
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	280		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	28		9.5	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.95	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.86	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.78	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.93	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/22/2013 1847	AAC		27832	5.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	5.4		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		106	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1739	AAC		28069	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.6	ug/kg	2
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.0	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.0	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.7	0.94	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.83	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.86	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.77	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.93	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.45	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	2
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.53	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.7	0.57	ug/kg	2
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1739	AAC		28069	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.90	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.7	0.98	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1320	AAC		28069	6.07
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	2
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	2
Carbon disulfide	75-15-0	8260B	1.9	J	5.1	1.3	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.94	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.24	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	2
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.1	0.51	ug/kg	2
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1320	AAC		28069	6.07

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.65	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.1	2.0	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		79	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1343	AAC		28069	6.06
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	2
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	2
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	2
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/26/2013 1343	AAC		28069	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		79	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ27832-001

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/22/2013 1238
Benzene	ND		1	5.0	1.1	ug/kg	08/22/2013 1238
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
Bromoform	ND		1	5.0	0.70	ug/kg	08/22/2013 1238
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/22/2013 1238
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/22/2013 1238
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/22/2013 1238
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/22/2013 1238
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
Chloroethane	ND		1	5.0	1.3	ug/kg	08/22/2013 1238
Chloroform	ND		1	5.0	0.83	ug/kg	08/22/2013 1238
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/22/2013 1238
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/22/2013 1238
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/22/2013 1238
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/22/2013 1238
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/22/2013 1238
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/22/2013 1238
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/22/2013 1238
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/22/2013 1238
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/22/2013 1238
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/22/2013 1238
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/22/2013 1238
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/22/2013 1238
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
2-Hexanone	ND		1	10	1.3	ug/kg	08/22/2013 1238
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/22/2013 1238
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/22/2013 1238
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/22/2013 1238
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/22/2013 1238
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/22/2013 1238
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/22/2013 1238
Styrene	ND		1	5.0	1.1	ug/kg	08/22/2013 1238
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/22/2013 1238
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/22/2013 1238
Toluene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/22/2013 1238
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/22/2013 1238
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/22/2013 1238
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/22/2013 1238

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ27832-001

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/22/2013 1238
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/22/2013 1238
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/22/2013 1238
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/22/2013 1238
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		108	47-138				
1,2-Dichloroethane-d4		96	53-142				
Toluene-d8		100	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27832-002

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	78		1	78	42-149	08/22/2013 1104
Benzene	50	43		1	87	69-123	08/22/2013 1104
Bromodichloromethane	50	44		1	88	69-121	08/22/2013 1104
Bromoform	50	45		1	90	61-119	08/22/2013 1104
Bromomethane (Methyl bromide)	50	40		1	80	10-168	08/22/2013 1104
2-Butanone (MEK)	100	97		1	97	57-148	08/22/2013 1104
Carbon disulfide	50	47		1	94	58-122	08/22/2013 1104
Carbon tetrachloride	50	43		1	86	58-136	08/22/2013 1104
Chlorobenzene	50	43		1	86	59-129	08/22/2013 1104
Chloroethane	50	48		1	96	42-163	08/22/2013 1104
Chloroform	50	43		1	85	71-125	08/22/2013 1104
Chloromethane (Methyl chloride)	50	44		1	89	34-134	08/22/2013 1104
Cyclohexane	50	41		1	83	53-139	08/22/2013 1104
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	96	55-125	08/22/2013 1104
Dibromochloromethane	50	44		1	88	66-119	08/22/2013 1104
1,2-Dibromoethane (EDB)	50	46		1	91	74-124	08/22/2013 1104
1,4-Dichlorobenzene	50	45		1	90	52-133	08/22/2013 1104
1,3-Dichlorobenzene	50	44		1	88	51-134	08/22/2013 1104
1,2-Dichlorobenzene	50	43		1	86	57-131	08/22/2013 1104
Dichlorodifluoromethane	50	51		1	102	10-157	08/22/2013 1104
1,2-Dichloroethane	50	42		1	85	67-129	08/22/2013 1104
1,1-Dichloroethane	50	42		1	85	71-127	08/22/2013 1104
trans-1,2-Dichloroethene	50	45		1	91	68-131	08/22/2013 1104
cis-1,2-Dichloroethene	50	45		1	91	70-122	08/22/2013 1104
1,1-Dichloroethene	50	45		1	91	69-138	08/22/2013 1104
1,2-Dichloropropane	50	42		1	85	72-124	08/22/2013 1104
trans-1,3-Dichloropropene	50	45		1	90	70-124	08/22/2013 1104
cis-1,3-Dichloropropene	50	46		1	93	70-126	08/22/2013 1104
Ethylbenzene	50	44		1	89	59-128	08/22/2013 1104
2-Hexanone	100	92		1	92	54-137	08/22/2013 1104
Isopropylbenzene	50	43		1	86	50-136	08/22/2013 1104
Methyl acetate	50	45		1	90	59-137	08/22/2013 1104
Methyl tertiary butyl ether (MTBE)	50	45		1	91	70-130	08/22/2013 1104
4-Methyl-2-pentanone	100	98		1	98	60-134	08/22/2013 1104
Methylcyclohexane	50	45		1	90	41-144	08/22/2013 1104
Methylene chloride	50	44		1	89	70-130	08/22/2013 1104
Styrene	50	43		1	86	54-136	08/22/2013 1104
1,1,2,2-Tetrachloroethane	50	47		1	93	69-132	08/22/2013 1104
Tetrachloroethene	50	42		1	84	45-150	08/22/2013 1104
Toluene	50	45		1	89	61-129	08/22/2013 1104
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	88	49-136	08/22/2013 1104
1,2,4-Trichlorobenzene	50	45		1	89	34-145	08/22/2013 1104
1,1,2-Trichloroethane	50	44		1	87	55-128	08/22/2013 1104
1,1,1-Trichloroethane	50	43		1	87	63-128	08/22/2013 1104

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27832-002

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	92	62-126	08/22/2013 1104
Trichlorofluoromethane	50	46		1	93	45-138	08/22/2013 1104
Vinyl chloride	50	47		1	94	42-132	08/22/2013 1104
Xylenes (total)	100	88		1	88	58-128	08/22/2013 1104
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		112	47-138				
1,2-Dichloroethane-d4		99	53-142				
Toluene-d8		111	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ27832-003

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	84		1	84	7.4	42-149	20	08/22/2013 1127
Benzene	50	42		1	83	3.8	69-123	20	08/22/2013 1127
Bromodichloromethane	50	42		1	83	5.7	69-121	20	08/22/2013 1127
Bromoform	50	48		1	96	6.3	61-119	20	08/22/2013 1127
Bromomethane (Methyl bromide)	50	40		1	79	1.4	10-168	20	08/22/2013 1127
2-Butanone (MEK)	100	98		1	98	0.61	57-148	20	08/22/2013 1127
Carbon disulfide	50	45		1	91	3.9	58-122	20	08/22/2013 1127
Carbon tetrachloride	50	41		1	83	3.9	58-136	20	08/22/2013 1127
Chlorobenzene	50	44		1	87	1.8	59-129	20	08/22/2013 1127
Chloroethane	50	48		1	96	0.21	42-163	20	08/22/2013 1127
Chloroform	50	42		1	83	2.5	71-125	20	08/22/2013 1127
Chloromethane (Methyl chloride)	50	43		1	85	4.0	34-134	20	08/22/2013 1127
Cyclohexane	50	40		1	81	2.2	53-139	20	08/22/2013 1127
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	2.0	55-125	20	08/22/2013 1127
Dibromochloromethane	50	47		1	94	6.3	66-119	20	08/22/2013 1127
1,2-Dibromoethane (EDB)	50	48		1	96	4.9	74-124	20	08/22/2013 1127
1,4-Dichlorobenzene	50	44		1	87	3.2	52-133	20	08/22/2013 1127
1,3-Dichlorobenzene	50	45		1	90	1.5	51-134	20	08/22/2013 1127
1,2-Dichlorobenzene	50	45		1	90	4.3	57-131	20	08/22/2013 1127
Dichlorodifluoromethane	50	50		1	100	2.1	10-157	20	08/22/2013 1127
1,2-Dichloroethane	50	40		1	81	5.1	67-129	20	08/22/2013 1127
1,1-Dichloroethane	50	41		1	82	3.2	71-127	20	08/22/2013 1127
trans-1,2-Dichloroethene	50	43		1	85	6.1	68-131	20	08/22/2013 1127
cis-1,2-Dichloroethene	50	44		1	88	3.4	70-122	20	08/22/2013 1127
1,1-Dichloroethene	50	45		1	89	1.7	69-138	20	08/22/2013 1127
1,2-Dichloropropane	50	41		1	81	3.8	72-124	20	08/22/2013 1127
trans-1,3-Dichloropropene	50	47		1	94	4.3	70-124	20	08/22/2013 1127
cis-1,3-Dichloropropene	50	45		1	90	3.1	70-126	20	08/22/2013 1127
Ethylbenzene	50	47		1	94	5.8	59-128	20	08/22/2013 1127
2-Hexanone	100	95		1	95	3.5	54-137	20	08/22/2013 1127
Isopropylbenzene	50	44		1	88	1.8	50-136	20	08/22/2013 1127
Methyl acetate	50	44		1	88	1.9	59-137	20	08/22/2013 1127
Methyl tertiary butyl ether (MTBE)	50	44		1	87	4.3	70-130	20	08/22/2013 1127
4-Methyl-2-pentanone	100	93		1	93	5.1	60-134	20	08/22/2013 1127
Methylcyclohexane	50	44		1	89	1.3	41-144	20	08/22/2013 1127
Methylene chloride	50	44		1	87	2.1	70-130	20	08/22/2013 1127
Styrene	50	47		1	93	7.5	54-136	20	08/22/2013 1127
1,1,2,2-Tetrachloroethane	50	46		1	92	1.0	69-132	20	08/22/2013 1127
Tetrachloroethene	50	46		1	91	7.9	45-150	20	08/22/2013 1127
Toluene	50	42		1	84	5.7	61-129	20	08/22/2013 1127
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	44		1	88	0.50	49-136	20	08/22/2013 1127
1,2,4-Trichlorobenzene	50	46		1	92	2.8	34-145	20	08/22/2013 1127
1,1,2-Trichloroethane	50	45		1	91	3.5	55-128	20	08/22/2013 1127
1,1,1-Trichloroethane	50	41		1	83	4.6	63-128	20	08/22/2013 1127

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ27832-003

Matrix: Solid

Batch: 27832

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	42		1	85	7.5	62-126	20	08/22/2013 1127
Trichlorofluoromethane	50	46		1	92	1.3	45-138	20	08/22/2013 1127
Vinyl chloride	50	44		1	89	6.1	42-132	20	08/22/2013 1127
Xylenes (total)	100	94		1	94	6.8	58-128	20	08/22/2013 1127
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		113	47-138						
1,2-Dichloroethane-d4		98	53-142						
Toluene-d8		107	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28069-001

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/26/2013 1153
Benzene	ND		1	5.0	1.1	ug/kg	08/26/2013 1153
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Bromoform	ND		1	5.0	0.70	ug/kg	08/26/2013 1153
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/26/2013 1153
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/26/2013 1153
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/26/2013 1153
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/26/2013 1153
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Chloroethane	ND		1	5.0	1.3	ug/kg	08/26/2013 1153
Chloroform	ND		1	5.0	0.83	ug/kg	08/26/2013 1153
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/26/2013 1153
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/26/2013 1153
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/26/2013 1153
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/26/2013 1153
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/26/2013 1153
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/26/2013 1153
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/26/2013 1153
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/26/2013 1153
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/26/2013 1153
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/26/2013 1153
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
2-Hexanone	ND		1	10	1.3	ug/kg	08/26/2013 1153
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/26/2013 1153
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/26/2013 1153
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/26/2013 1153
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/26/2013 1153
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/26/2013 1153
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/26/2013 1153
Styrene	ND		1	5.0	1.1	ug/kg	08/26/2013 1153
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/26/2013 1153
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/26/2013 1153
Toluene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/26/2013 1153
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/26/2013 1153
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/26/2013 1153

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28069-001

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/26/2013 1153
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/26/2013 1153
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/26/2013 1153
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		88	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		90	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28069-002

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	102	42-149	08/26/2013 1605
Benzene	50	45		1	90	69-123	08/26/2013 1605
Bromodichloromethane	50	45		1	89	69-121	08/26/2013 1605
Bromoform	50	45		1	90	61-119	08/26/2013 1605
Bromomethane (Methyl bromide)	50	52		1	103	10-168	08/26/2013 1605
2-Butanone (MEK)	100	89		1	89	57-148	08/26/2013 1605
Carbon disulfide	50	43		1	86	58-122	08/26/2013 1605
Carbon tetrachloride	50	44		1	87	58-136	08/26/2013 1605
Chlorobenzene	50	43		1	87	59-129	08/26/2013 1605
Chloroethane	50	51		1	102	42-163	08/26/2013 1605
Chloroform	50	46		1	91	71-125	08/26/2013 1605
Chloromethane (Methyl chloride)	50	55		1	110	34-134	08/26/2013 1605
Cyclohexane	50	46		1	92	53-139	08/26/2013 1605
1,2-Dibromo-3-chloropropane (DBCP)	50	39		1	78	55-125	08/26/2013 1605
Dibromochloromethane	50	47		1	93	66-119	08/26/2013 1605
1,2-Dibromoethane (EDB)	50	43		1	87	74-124	08/26/2013 1605
1,2-Dichlorobenzene	50	41		1	82	57-131	08/26/2013 1605
1,3-Dichlorobenzene	50	43		1	86	51-134	08/26/2013 1605
1,4-Dichlorobenzene	50	41		1	81	52-133	08/26/2013 1605
Dichlorodifluoromethane	50	43		1	86	10-157	08/26/2013 1605
1,1-Dichloroethane	50	45		1	91	71-127	08/26/2013 1605
1,2-Dichloroethane	50	50		1	99	67-129	08/26/2013 1605
1,1-Dichloroethene	50	43		1	85	69-138	08/26/2013 1605
cis-1,2-Dichloroethene	50	45		1	90	70-122	08/26/2013 1605
trans-1,2-Dichloroethene	50	46		1	92	68-131	08/26/2013 1605
1,2-Dichloropropane	50	45		1	90	72-124	08/26/2013 1605
cis-1,3-Dichloropropene	50	45		1	90	70-126	08/26/2013 1605
trans-1,3-Dichloropropene	50	47		1	93	70-124	08/26/2013 1605
Ethylbenzene	50	45		1	91	59-128	08/26/2013 1605
2-Hexanone	100	88		1	88	54-137	08/26/2013 1605
Isopropylbenzene	50	42		1	85	50-136	08/26/2013 1605
Methyl acetate	50	49		1	97	59-137	08/26/2013 1605
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	08/26/2013 1605
4-Methyl-2-pentanone	100	84		1	84	60-134	08/26/2013 1605
Methylcyclohexane	50	43		1	86	41-144	08/26/2013 1605
Methylene chloride	50	49		1	98	70-130	08/26/2013 1605
Styrene	50	48		1	96	54-136	08/26/2013 1605
1,1,2,2-Tetrachloroethane	50	43		1	86	69-132	08/26/2013 1605
Tetrachloroethene	50	42		1	84	45-150	08/26/2013 1605
Toluene	50	44		1	89	61-129	08/26/2013 1605
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	92	49-136	08/26/2013 1605
1,2,4-Trichlorobenzene	50	35		1	70	34-145	08/26/2013 1605
1,1,2-Trichloroethane	50	44		1	89	55-128	08/26/2013 1605
1,1,1-Trichloroethane	50	48		1	96	63-128	08/26/2013 1605

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28069-002

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	43		1	85	62-126	08/26/2013 1605
Trichlorofluoromethane	50	47		1	94	45-138	08/26/2013 1605
Vinyl chloride	50	60		1	119	42-132	08/26/2013 1605
Xylenes (total)	100	94		1	94	58-128	08/26/2013 1605
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		97	47-138				
1,2-Dichloroethane-d4		94	53-142				
Toluene-d8		98	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28069-003

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	107	4.6	42-149	20	08/26/2013 1629
Benzene	50	43		1	87	3.6	69-123	20	08/26/2013 1629
Bromodichloromethane	50	47		1	94	4.6	69-121	20	08/26/2013 1629
Bromoform	50	45		1	90	0.89	61-119	20	08/26/2013 1629
Bromomethane (Methyl bromide)	50	51		1	102	1.3	10-168	20	08/26/2013 1629
2-Butanone (MEK)	100	96		1	96	7.2	57-148	20	08/26/2013 1629
Carbon disulfide	50	42		1	83	3.2	58-122	20	08/26/2013 1629
Carbon tetrachloride	50	44		1	89	1.9	58-136	20	08/26/2013 1629
Chlorobenzene	50	44		1	88	1.3	59-129	20	08/26/2013 1629
Chloroethane	50	53		1	107	4.4	42-163	20	08/26/2013 1629
Chloroform	50	47		1	94	3.6	71-125	20	08/26/2013 1629
Chloromethane (Methyl chloride)	50	52		1	105	4.6	34-134	20	08/26/2013 1629
Cyclohexane	50	46		1	92	0.40	53-139	20	08/26/2013 1629
1,2-Dibromo-3-chloropropane (DBCP)	50	44		1	88	12	55-125	20	08/26/2013 1629
Dibromochloromethane	50	44		1	87	6.3	66-119	20	08/26/2013 1629
1,2-Dibromoethane (EDB)	50	46		1	92	6.0	74-124	20	08/26/2013 1629
1,2-Dichlorobenzene	50	42		1	85	3.6	57-131	20	08/26/2013 1629
1,3-Dichlorobenzene	50	44		1	88	1.7	51-134	20	08/26/2013 1629
1,4-Dichlorobenzene	50	44		1	89	9.2	52-133	20	08/26/2013 1629
Dichlorodifluoromethane	50	43		1	87	1.4	10-157	20	08/26/2013 1629
1,1-Dichloroethane	50	46		1	92	1.5	71-127	20	08/26/2013 1629
1,2-Dichloroethane	50	49		1	98	0.72	67-129	20	08/26/2013 1629
1,1-Dichloroethene	50	45		1	89	4.2	69-138	20	08/26/2013 1629
cis-1,2-Dichloroethene	50	47		1	94	4.2	70-122	20	08/26/2013 1629
trans-1,2-Dichloroethene	50	46		1	91	1.0	68-131	20	08/26/2013 1629
1,2-Dichloropropane	50	44		1	87	3.7	72-124	20	08/26/2013 1629
cis-1,3-Dichloropropene	50	44		1	88	2.7	70-126	20	08/26/2013 1629
trans-1,3-Dichloropropene	50	46		1	91	2.0	70-124	20	08/26/2013 1629
Ethylbenzene	50	45		1	90	0.81	59-128	20	08/26/2013 1629
2-Hexanone	100	95		1	95	7.8	54-137	20	08/26/2013 1629
Isopropylbenzene	50	44		1	88	3.7	50-136	20	08/26/2013 1629
Methyl acetate	50	50		1	101	3.8	59-137	20	08/26/2013 1629
Methyl tertiary butyl ether (MTBE)	50	49		1	99	2.7	70-130	20	08/26/2013 1629
4-Methyl-2-pentanone	100	100		1	100	17	60-134	20	08/26/2013 1629
Methylcyclohexane	50	44		1	87	0.98	41-144	20	08/26/2013 1629
Methylene chloride	50	49		1	99	0.97	70-130	20	08/26/2013 1629
Styrene	50	45		1	89	7.1	54-136	20	08/26/2013 1629
1,1,2,2-Tetrachloroethane	50	48		1	96	11	69-132	20	08/26/2013 1629
Tetrachloroethene	50	41		1	82	1.8	45-150	20	08/26/2013 1629
Toluene	50	45		1	91	2.6	61-129	20	08/26/2013 1629
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	93	0.94	49-136	20	08/26/2013 1629
1,2,4-Trichlorobenzene	50	38		1	76	8.9	34-145	20	08/26/2013 1629
1,1,2-Trichloroethane	50	46		1	92	3.8	55-128	20	08/26/2013 1629
1,1,1-Trichloroethane	50	47		1	95	1.7	63-128	20	08/26/2013 1629

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28069-003

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	42		1	85	0.30	62-126	20	08/26/2013 1629
Trichlorofluoromethane	50	48		1	96	1.3	45-138	20	08/26/2013 1629
Vinyl chloride	50	58		1	115	3.6	42-132	20	08/26/2013 1629
Xylenes (total)	100	91		1	91	3.5	58-128	20	08/26/2013 1629
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		89	47-138						
1,2-Dichloroethane-d4		84	53-142						
Toluene-d8		88	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com

Number 33424



Chain of Custody Record

Client TRC		Report to Contact Daw Madison/Terry Hertz	Sampler (Printed Name) Bill Medlin	Quote No.
Address 30 Patewood Dr		Telephone No. / Fax No. / Email 864-281-0030	Waybill No.	Page 1 of 1
City Greenville	State SC	Zip Code 29615	Number of Containers	Boils (See Instructions on back)
Project Name WPH-Clemson		Preservative	Preservative	Lot No. OH20002
Project Number 205809.0000.0001		1. Unpres. 2. NaOH/ZnA 3. H2SO4	4. HNO3 5. HCL 6. Na Thio.	Remarks / Cooler ID
Sample ID / Description (Containers for each sample may be combined on one line)	P.O. Number	Date	Time	Analysis
SB-101 (12-13')	8-19-13	1343	G	VOC's X
SB-101 (24-25')		1357	G	VOC's X
SB-102 (17-18')		1500	G	VOC's X
SB-102 (20-21')		1505	G	VOC's X
SB-103 (2-3')		1555	G	VOC's X
SB-103 (22-23')		1600	G	VOC's X
SB-104 (10-11')		1710	G	VOC's X
SB-104 (19-20')	8-19-13	1715	G	VOC's X
SB-105 (20-21')	8-20-13	1025	G	VOC's X
SB-105 (27-28')	8-20-13	1030	G	VOC's X

Matrix: GW DW WWF S Other

Sample Disposal: Return to Client Disposit by Lab

QC Requirements (Specify): Non-Hazard Flammable Skin Irritant Poison Unknown

1. Relinquished by / Sampler: Bill Medlin Date: 8/24/13 Time: 1554

2. Relinquished by: Date: Time:

3. Relinquished by: Date: Time:

4. Relinquished by: Kelly W. Prin Date: 8/20/13 Time: 1830

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Received on Ion (Check) Yes No Ice Pack Receipt Temp. 7-8 °C Temp. Blank Y / N

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33435



Client TRC		Report to Contact DAN MADISON		Sampler (Printed Name) Bill Medlin		Quote No.
Address 30 Patwood Dr		Telephone No. / Fax No. / Email 864-281-0030		Waybill No.		Page of
City Greenville	State SC	Zip Code 29615	Preservative 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Thio.		Bottle (See Instructions on back) Preservative Lot No. OH 20062	
Project Name WPH-Clemson		P.O Number		Analysis		Remarks / Cooler ID
Project Number 205809.0000.0001	Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Matrix		
				G-Grab		
				C-Composite		
				G-W (DW) WW S		
				Other		
	SB-106 (12-13)	8-20-13	1030	G	X	
	SB-106 (22-23)	8-20-13	1035	G	X	
	SB-107 (4-5)	8-20-13	1430	G	X	
	SB-107 (25-26)	8-20-13	1435	G	X	
	SB-108 (23-24)	8-20-13	1545	G	X	
	SB-108 (25.5-26.5)	8-20-13	1550	G	X	

Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal <input type="checkbox"/> Return to Client: <input type="checkbox"/> Disposal by Lab	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler Bill Medlin	1. Received by [Signature]	Date 8/20/13
2. Relinquished by	2. Received by	Date
3. Relinquished by	3. Received by	Date
4. Relinquished by [Signature]	4. Laboratory Received by Kelly W. Bin	Date 8/10/13
Time 1554		Time 1554
Time		Time
Time		Time
Time 1830		Time 1830
LAB USE ONLY Received on ice (Check) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Ice Pack <input type="checkbox"/> Receipt Temp. 7.8 °C		Temp. Blank <input type="checkbox"/> Y / N

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: KWP, 8/20/13 Lot #: GH 20062

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt <u>17.8°C</u> / <u> </u> °C / <u> </u> °C / <u> </u> °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by <u>SRC</u> phone, note (circle one), other: <u> </u> . (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5. Were proper custody procedures (relinquished/received) followed? 5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	9. Did all samples arrive in the proper containers for each test?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) <u> </u> were received incorrectly preserved and were adjusted accordingly in sample receiving with <u> </u> (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) <u> </u>			
Sample(s) <u> </u> were received with bubbles >6 mm in diameter.			
Sample(s) <u> </u> were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: <u>KWP</u> Date: <u>8/20/13</u>			

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee:

Date of response:

Comments: -011 -012 Time on COC 10:30 + 10:35 but 11:30 + 11:35 on bottles

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OH21078

Date Completed: 08/27/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH21078 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH21078

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blank – Two analytical method blanks. No target analytes detected in either method blank.

Trip Blank (TBLK-13302) - No target analytes detected in trip blank.

LCS/LCSD – Two LCS/LCSD pairs were analyzed. Recoveries and RPDs are OK.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 8/29/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH21078

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH21078

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-109 (8-9')	Solid	08/21/2013 0840	08/21/2013
002	SB-109 (26-27')	Solid	08/21/2013 0845	08/21/2013
003	SB-110 (4-5')	Solid	08/21/2013 0940	08/21/2013
004	SB-110 (24-25')	Solid	08/21/2013 0945	08/21/2013
005	SB-111 (14-15')	Solid	08/21/2013 1150	08/21/2013
006	SB-111 (28-29')	Solid	08/21/2013 1155	08/21/2013
007	SB-122 (13-14')	Solid	08/21/2013 1340	08/21/2013
008	SB-122 (26-27')	Solid	08/21/2013 1345	08/21/2013
009	TBLK-13302	Aqueous	08/21/2013	08/21/2013

(9 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH21078

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-109 (8-9')	Solid	Acetone	8260B	47		ug/kg	5
001	SB-109 (8-9')	Solid	2-Butanone (MEK)	8260B	2.6	J	ug/kg	5
001	SB-109 (8-9')	Solid	Ethylbenzene	8260B	1.9	J	ug/kg	5
001	SB-109 (8-9')	Solid	Xylenes (total)	8260B	8.9		ug/kg	6
002	SB-109 (26-27')	Solid	Benzene	8260B	1.4	J	ug/kg	7
002	SB-109 (26-27')	Solid	Carbon disulfide	8260B	1.5	J	ug/kg	7
002	SB-109 (26-27')	Solid	1,1-Dichloroethane	8260B	1.0	J	ug/kg	7
002	SB-109 (26-27')	Solid	Methylcyclohexane	8260B	0.51	J	ug/kg	7
002	SB-109 (26-27')	Solid	Tetrachloroethene	8260B	0.69	J	ug/kg	7
002	SB-109 (26-27')	Solid	Xylenes (total)	8260B	40		ug/kg	8
003	SB-110 (4-5')	Solid	Acetone	8260B	220		ug/kg	9

(11 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0127	JJG		27950	5.77

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	47		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	2.6	J	11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	1.9	J	5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0127	JJG		27950	5.77

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	8.9		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		75	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		75	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0151	JJG		27950	6.16
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.5	ug/kg	1
Benzene	71-43-2	8260B	1.4	J	5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	1.5	J	5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.95	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	1.0	J	5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.85	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	0.51	J	5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.69	J	5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0151	JJG		27950	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.95	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.96	ug/kg	1
Xylenes (total)	1330-20-7	8260B	40		5.6	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		95	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0215	JJG		27950	5.59
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	220		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.88	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.87	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0215	JJG		27950	5.59

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0238	JJG		27950	6.16
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0238	JJG		27950	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0302	JJG		27950	7.09
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		17	5.7	ug/kg	1
Benzene	71-43-2	8260B	ND		4.2	0.93	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.2	1.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.2	0.59	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.2	1.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		8.5	2.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.2	1.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.2	1.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.2	1.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.2	1.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.2	0.70	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.2	0.85	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.2	0.57	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.2	1.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.2	1.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.2	0.72	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.2	1.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.2	1.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.2	1.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.2	1.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.2	0.62	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.2	0.85	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.2	1.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.2	0.65	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.2	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.2	0.77	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.2	0.58	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.2	0.70	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.2	1.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		8.5	1.1	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.2	0.20	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.2	0.83	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.2	0.34	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		8.5	1.3	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.2	0.35	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.2	2.2	ug/kg	1
Styrene	100-42-5	8260B	ND		4.2	0.93	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.2	0.40	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.2	0.42	ug/kg	1
Toluene	108-88-3	8260B	ND		4.2	1.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0302	JJG		27950	7.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.2	0.54	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.2	1.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.2	0.72	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.2	0.67	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.2	1.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.2	1.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.2	0.73	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.2	2.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0325	JJG		27950	6.36
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0325	JJG		27950	6.36

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0349	JJG		27950	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		17	5.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.2	0.92	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.2	1.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.2	0.58	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.2	1.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		8.3	2.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.2	1.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.2	1.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.2	1.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.2	1.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.2	0.69	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.2	0.83	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.2	0.56	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.2	1.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.2	1.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.2	0.71	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.2	1.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.2	1.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.2	1.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.2	1.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.2	0.61	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.2	0.83	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.2	1.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.2	0.63	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.2	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.2	0.76	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.2	0.57	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.2	0.68	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.2	1.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		8.3	1.1	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.2	0.19	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.2	0.82	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.2	0.33	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		8.3	1.3	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.2	0.34	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.2	2.2	ug/kg	1
Styrene	100-42-5	8260B	ND		4.2	0.92	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.2	0.39	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.2	0.42	ug/kg	1
Toluene	108-88-3	8260B	ND		4.2	1.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0349	JJG		27950	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.2	0.53	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.2	1.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.2	0.71	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.2	0.66	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.2	1.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.2	1.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.2	0.72	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.2	2.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0412	JJG		27950	6.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0412	JJG		27950	6.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		85	53-142
Bromofluorobenzene		81	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/24/2013 0156	TAF		27948			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	08/24/2013 0156	TAF		27948				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		108	70-130								
Bromofluorobenzene		96	70-130								
Toluene-d8		101	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ27948-001

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	08/23/2013 2238
Benzene	ND		1	5.0	0.20	ug/L	08/23/2013 2238
Bromodichloromethane	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Bromoform	ND		1	5.0	0.40	ug/L	08/23/2013 2238
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	08/23/2013 2238
2-Butanone (MEK)	ND		1	10	1.8	ug/L	08/23/2013 2238
Carbon disulfide	ND		1	5.0	0.30	ug/L	08/23/2013 2238
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	08/23/2013 2238
Chlorobenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Chloroethane	ND		1	5.0	0.50	ug/L	08/23/2013 2238
Chloroform	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	08/23/2013 2238
Cyclohexane	ND		1	5.0	0.98	ug/L	08/23/2013 2238
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	08/23/2013 2238
Dibromochloromethane	ND		1	5.0	1.7	ug/L	08/23/2013 2238
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	08/23/2013 2238
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	08/23/2013 2238
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	08/23/2013 2238
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	08/23/2013 2238
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	08/23/2013 2238
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	08/23/2013 2238
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	08/23/2013 2238
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	08/23/2013 2238
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/23/2013 2238
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/23/2013 2238
Ethylbenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
2-Hexanone	ND		1	10	1.0	ug/L	08/23/2013 2238
Isopropylbenzene	ND		1	5.0	1.0	ug/L	08/23/2013 2238
Methyl acetate	ND		1	5.0	0.72	ug/L	08/23/2013 2238
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	08/23/2013 2238
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	08/23/2013 2238
Methylcyclohexane	ND		1	5.0	0.95	ug/L	08/23/2013 2238
Methylene chloride	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Styrene	ND		1	5.0	0.10	ug/L	08/23/2013 2238
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	08/23/2013 2238
Tetrachloroethene	ND		1	5.0	0.40	ug/L	08/23/2013 2238
Toluene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	08/23/2013 2238
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	08/23/2013 2238
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	08/23/2013 2238
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	08/23/2013 2238

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ27948-001

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	08/23/2013 2238
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	08/23/2013 2238
Vinyl chloride	ND		1	2.0	0.10	ug/L	08/23/2013 2238
Xylenes (total)	ND		1	5.0	1.7	ug/L	08/23/2013 2238
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	70-130				
1,2-Dichloroethane-d4		103	70-130				
Toluene-d8		100	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27948-002

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	88		1	88	70-130	08/23/2013 2100
Benzene	50	48		1	96	70-130	08/23/2013 2100
Bromodichloromethane	50	55		1	111	70-130	08/23/2013 2100
Bromoform	50	49		1	98	70-130	08/23/2013 2100
Bromomethane (Methyl bromide)	50	51		1	101	60-140	08/23/2013 2100
2-Butanone (MEK)	100	90		1	90	60-140	08/23/2013 2100
Carbon disulfide	50	41		1	82	60-140	08/23/2013 2100
Carbon tetrachloride	50	55		1	111	70-130	08/23/2013 2100
Chlorobenzene	50	49		1	98	70-130	08/23/2013 2100
Chloroethane	50	45		1	90	42-163	08/23/2013 2100
Chloroform	50	52		1	104	70-130	08/23/2013 2100
Chloromethane (Methyl chloride)	50	52		1	104	60-140	08/23/2013 2100
Cyclohexane	50	50		1	100	70-130	08/23/2013 2100
1,2-Dibromo-3-chloropropane (DBCP)	50	52		1	103	70-130	08/23/2013 2100
Dibromochloromethane	50	55		1	111	70-130	08/23/2013 2100
1,2-Dibromoethane (EDB)	50	52		1	104	70-130	08/23/2013 2100
1,3-Dichlorobenzene	50	48		1	96	70-130	08/23/2013 2100
1,4-Dichlorobenzene	50	47		1	94	70-130	08/23/2013 2100
1,2-Dichlorobenzene	50	48		1	97	70-130	08/23/2013 2100
Dichlorodifluoromethane	50	53		1	106	60-140	08/23/2013 2100
1,1-Dichloroethane	50	47		1	94	70-130	08/23/2013 2100
1,2-Dichloroethane	50	53		1	107	70-130	08/23/2013 2100
trans-1,2-Dichloroethene	50	47		1	93	70-130	08/23/2013 2100
cis-1,2-Dichloroethene	50	47		1	94	70-130	08/23/2013 2100
1,1-Dichloroethene	50	49		1	98	70-130	08/23/2013 2100
1,2-Dichloropropane	50	48		1	96	70-130	08/23/2013 2100
cis-1,3-Dichloropropene	50	54		1	107	70-130	08/23/2013 2100
trans-1,3-Dichloropropene	50	54		1	107	70-130	08/23/2013 2100
Ethylbenzene	50	49		1	99	70-130	08/23/2013 2100
2-Hexanone	100	99		1	99	60-140	08/23/2013 2100
Isopropylbenzene	50	48		1	96	70-130	08/23/2013 2100
Methyl acetate	50	40		1	80	70-130	08/23/2013 2100
Methyl tertiary butyl ether (MTBE)	50	49		1	98	70-130	08/23/2013 2100
4-Methyl-2-pentanone	100	100		1	100	60-140	08/23/2013 2100
Methylcyclohexane	50	47		1	95	70-130	08/23/2013 2100
Methylene chloride	50	43		1	87	70-130	08/23/2013 2100
Styrene	50	54		1	108	70-130	08/23/2013 2100
1,1,2,2-Tetrachloroethane	50	47		1	95	70-130	08/23/2013 2100
Tetrachloroethene	50	52		1	103	70-130	08/23/2013 2100
Toluene	50	50		1	99	70-130	08/23/2013 2100
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	97	70-130	08/23/2013 2100
1,2,4-Trichlorobenzene	50	43		1	85	70-130	08/23/2013 2100
1,1,1-Trichloroethane	50	54		1	108	70-130	08/23/2013 2100
1,1,2-Trichloroethane	50	48		1	97	70-130	08/23/2013 2100

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ27948-002

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	100	70-130	08/23/2013 2100
Trichlorofluoromethane	50	60		1	121	70-130	08/23/2013 2100
Vinyl chloride	50	57		1	113	70-130	08/23/2013 2100
Xylenes (total)	100	100		1	102	70-130	08/23/2013 2100
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		97	70-130				
1,2-Dichloroethane-d4		98	70-130				
Toluene-d8		101	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ27948-003

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	86		1	86	1.9	70-130	20	08/23/2013 2124
Benzene	50	48		1	96	0.67	70-130	20	08/23/2013 2124
Bromodichloromethane	50	54		1	108	2.1	70-130	20	08/23/2013 2124
Bromoform	50	50		1	100	1.5	70-130	20	08/23/2013 2124
Bromomethane (Methyl bromide)	50	50		1	101	0.64	60-140	20	08/23/2013 2124
2-Butanone (MEK)	100	95		1	95	5.8	60-140	20	08/23/2013 2124
Carbon disulfide	50	41		1	81	1.5	60-140	20	08/23/2013 2124
Carbon tetrachloride	50	53		1	107	3.7	70-130	20	08/23/2013 2124
Chlorobenzene	50	49		1	98	0.35	70-130	20	08/23/2013 2124
Chloroethane	50	45		1	91	0.49	42-163	20	08/23/2013 2124
Chloroform	50	50		1	100	3.2	70-130	20	08/23/2013 2124
Chloromethane (Methyl chloride)	50	50		1	100	4.2	60-140	20	08/23/2013 2124
Cyclohexane	50	47		1	95	5.8	70-130	20	08/23/2013 2124
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	105	1.6	70-130	20	08/23/2013 2124
Dibromochloromethane	50	55		1	111	0.096	70-130	20	08/23/2013 2124
1,2-Dibromoethane (EDB)	50	53		1	105	1.6	70-130	20	08/23/2013 2124
1,3-Dichlorobenzene	50	48		1	95	0.51	70-130	20	08/23/2013 2124
1,4-Dichlorobenzene	50	48		1	96	1.6	70-130	20	08/23/2013 2124
1,2-Dichlorobenzene	50	49		1	98	0.87	70-130	20	08/23/2013 2124
Dichlorodifluoromethane	50	52		1	104	1.5	60-140	20	08/23/2013 2124
1,1-Dichloroethane	50	46		1	92	1.8	70-130	20	08/23/2013 2124
1,2-Dichloroethane	50	52		1	103	3.3	70-130	20	08/23/2013 2124
trans-1,2-Dichloroethene	50	46		1	91	1.9	70-130	20	08/23/2013 2124
cis-1,2-Dichloroethene	50	47		1	94	0.21	70-130	20	08/23/2013 2124
1,1-Dichloroethene	50	48		1	95	2.5	70-130	20	08/23/2013 2124
1,2-Dichloropropane	50	49		1	98	1.6	70-130	20	08/23/2013 2124
cis-1,3-Dichloropropene	50	54		1	108	0.36	70-130	20	08/23/2013 2124
trans-1,3-Dichloropropene	50	53		1	107	0.71	70-130	20	08/23/2013 2124
Ethylbenzene	50	50		1	99	0.27	70-130	20	08/23/2013 2124
2-Hexanone	100	100		1	103	4.0	60-140	20	08/23/2013 2124
Isopropylbenzene	50	47		1	93	3.2	70-130	20	08/23/2013 2124
Methyl acetate	50	38		1	76	4.8	70-130	20	08/23/2013 2124
Methyl tertiary butyl ether (MTBE)	50	48		1	97	1.5	70-130	20	08/23/2013 2124
4-Methyl-2-pentanone	100	100		1	104	3.1	60-140	20	08/23/2013 2124
Methylcyclohexane	50	47		1	93	1.8	70-130	20	08/23/2013 2124
Methylene chloride	50	44		1	89	2.3	70-130	20	08/23/2013 2124
Styrene	50	55		1	109	1.2	70-130	20	08/23/2013 2124
1,1,2,2-Tetrachloroethane	50	48		1	95	0.43	70-130	20	08/23/2013 2124
Tetrachloroethene	50	50		1	101	2.5	70-130	20	08/23/2013 2124
Toluene	50	50		1	100	0.31	70-130	20	08/23/2013 2124
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	48		1	96	0.98	70-130	20	08/23/2013 2124
1,2,4-Trichlorobenzene	50	43		1	86	0.93	70-130	20	08/23/2013 2124
1,1,1-Trichloroethane	50	53		1	105	2.7	70-130	20	08/23/2013 2124
1,1,2-Trichloroethane	50	50		1	100	3.2	70-130	20	08/23/2013 2124

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ27948-003

Matrix: Aqueous

Batch: 27948

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	49		1	99	1.1	70-130	20	08/23/2013 2124
Trichlorofluoromethane	50	58		1	115	4.6	70-130	20	08/23/2013 2124
Vinyl chloride	50	55		1	111	2.1	70-130	20	08/23/2013 2124
Xylenes (total)	100	100		1	101	0.45	70-130	20	08/23/2013 2124
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		99	70-130						
1,2-Dichloroethane-d4		95	70-130						
Toluene-d8		102	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ27950-001

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/24/2013 0004
Benzene	ND		1	5.0	1.1	ug/kg	08/24/2013 0004
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Bromoform	ND		1	5.0	0.70	ug/kg	08/24/2013 0004
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/24/2013 0004
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/24/2013 0004
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/24/2013 0004
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/24/2013 0004
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Chloroethane	ND		1	5.0	1.3	ug/kg	08/24/2013 0004
Chloroform	ND		1	5.0	0.83	ug/kg	08/24/2013 0004
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/24/2013 0004
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/24/2013 0004
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/24/2013 0004
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/24/2013 0004
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/24/2013 0004
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/24/2013 0004
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/24/2013 0004
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/24/2013 0004
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/24/2013 0004
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/24/2013 0004
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
2-Hexanone	ND		1	10	1.3	ug/kg	08/24/2013 0004
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/24/2013 0004
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/24/2013 0004
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/24/2013 0004
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/24/2013 0004
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/24/2013 0004
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/24/2013 0004
Styrene	ND		1	5.0	1.1	ug/kg	08/24/2013 0004
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/24/2013 0004
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/24/2013 0004
Toluene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/24/2013 0004
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/24/2013 0004
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/24/2013 0004

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ27950-001

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/24/2013 0004
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/24/2013 0004
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/24/2013 0004
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		92	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27950-002

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	42-149	08/23/2013 2230
Benzene	50	43		1	86	69-123	08/23/2013 2230
Bromodichloromethane	50	44		1	88	69-121	08/23/2013 2230
Bromoform	50	49		1	98	61-119	08/23/2013 2230
Bromomethane (Methyl bromide)	50	49		1	98	10-168	08/23/2013 2230
2-Butanone (MEK)	100	97		1	97	57-148	08/23/2013 2230
Carbon disulfide	50	42		1	84	58-122	08/23/2013 2230
Carbon tetrachloride	50	43		1	86	58-136	08/23/2013 2230
Chlorobenzene	50	47		1	93	59-129	08/23/2013 2230
Chloroethane	50	53		1	105	42-163	08/23/2013 2230
Chloroform	50	46		1	92	71-125	08/23/2013 2230
Chloromethane (Methyl chloride)	50	50		1	101	34-134	08/23/2013 2230
Cyclohexane	50	45		1	90	53-139	08/23/2013 2230
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	91	55-125	08/23/2013 2230
Dibromochloromethane	50	48		1	97	66-119	08/23/2013 2230
1,2-Dibromoethane (EDB)	50	49		1	99	74-124	08/23/2013 2230
1,4-Dichlorobenzene	50	46		1	92	52-133	08/23/2013 2230
1,3-Dichlorobenzene	50	44		1	89	51-134	08/23/2013 2230
1,2-Dichlorobenzene	50	46		1	91	57-131	08/23/2013 2230
Dichlorodifluoromethane	50	48		1	97	10-157	08/23/2013 2230
1,2-Dichloroethane	50	46		1	93	67-129	08/23/2013 2230
1,1-Dichloroethane	50	45		1	90	71-127	08/23/2013 2230
trans-1,2-Dichloroethene	50	45		1	91	68-131	08/23/2013 2230
cis-1,2-Dichloroethene	50	47		1	94	70-122	08/23/2013 2230
1,1-Dichloroethene	50	46		1	92	69-138	08/23/2013 2230
1,2-Dichloropropane	50	42		1	85	72-124	08/23/2013 2230
trans-1,3-Dichloropropene	50	47		1	93	70-124	08/23/2013 2230
cis-1,3-Dichloropropene	50	45		1	90	70-126	08/23/2013 2230
Ethylbenzene	50	45		1	91	59-128	08/23/2013 2230
2-Hexanone	100	110		1	107	54-137	08/23/2013 2230
Isopropylbenzene	50	46		1	92	50-136	08/23/2013 2230
Methyl acetate	50	49		1	98	59-137	08/23/2013 2230
Methyl tertiary butyl ether (MTBE)	50	47		1	94	70-130	08/23/2013 2230
4-Methyl-2-pentanone	100	93		1	93	60-134	08/23/2013 2230
Methylcyclohexane	50	43		1	86	41-144	08/23/2013 2230
Methylene chloride	50	50		1	100	70-130	08/23/2013 2230
Styrene	50	50		1	100	54-136	08/23/2013 2230
1,1,2,2-Tetrachloroethane	50	49		1	97	69-132	08/23/2013 2230
Tetrachloroethene	50	45		1	90	45-150	08/23/2013 2230
Toluene	50	42		1	85	61-129	08/23/2013 2230
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	94	49-136	08/23/2013 2230
1,2,4-Trichlorobenzene	50	42		1	84	34-145	08/23/2013 2230
1,1,2-Trichloroethane	50	48		1	97	55-128	08/23/2013 2230
1,1,1-Trichloroethane	50	45		1	90	63-128	08/23/2013 2230

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ27950-002

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	47		1	93	62-126	08/23/2013 2230
Trichlorofluoromethane	50	46		1	93	45-138	08/23/2013 2230
Vinyl chloride	50	55		1	110	42-132	08/23/2013 2230
Xylenes (total)	100	96		1	96	58-128	08/23/2013 2230
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	47-138				
1,2-Dichloroethane-d4		87	53-142				
Toluene-d8		94	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ27950-003

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	115	3.9	42-149	20	08/23/2013 2253
Benzene	50	45		1	90	4.4	69-123	20	08/23/2013 2253
Bromodichloromethane	50	46		1	92	4.2	69-121	20	08/23/2013 2253
Bromoform	50	50		1	99	1.8	61-119	20	08/23/2013 2253
Bromomethane (Methyl bromide)	50	45		1	90	8.2	10-168	20	08/23/2013 2253
2-Butanone (MEK)	100	99		1	99	2.3	57-148	20	08/23/2013 2253
Carbon disulfide	50	41		1	81	3.2	58-122	20	08/23/2013 2253
Carbon tetrachloride	50	41		1	82	4.8	58-136	20	08/23/2013 2253
Chlorobenzene	50	45		1	89	4.6	59-129	20	08/23/2013 2253
Chloroethane	50	52		1	104	1.1	42-163	20	08/23/2013 2253
Chloroform	50	44		1	88	4.2	71-125	20	08/23/2013 2253
Chloromethane (Methyl chloride)	50	48		1	95	5.5	34-134	20	08/23/2013 2253
Cyclohexane	50	44		1	88	2.7	53-139	20	08/23/2013 2253
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	93	2.2	55-125	20	08/23/2013 2253
Dibromochloromethane	50	48		1	95	2.0	66-119	20	08/23/2013 2253
1,2-Dibromoethane (EDB)	50	49		1	97	1.8	74-124	20	08/23/2013 2253
1,4-Dichlorobenzene	50	45		1	89	3.5	52-133	20	08/23/2013 2253
1,3-Dichlorobenzene	50	45		1	90	1.2	51-134	20	08/23/2013 2253
1,2-Dichlorobenzene	50	45		1	90	0.81	57-131	20	08/23/2013 2253
Dichlorodifluoromethane	50	43		1	87	11	10-157	20	08/23/2013 2253
1,2-Dichloroethane	50	46		1	92	0.83	67-129	20	08/23/2013 2253
1,1-Dichloroethane	50	43		1	85	5.1	71-127	20	08/23/2013 2253
trans-1,2-Dichloroethene	50	43		1	87	4.4	68-131	20	08/23/2013 2253
cis-1,2-Dichloroethene	50	45		1	91	3.7	70-122	20	08/23/2013 2253
1,1-Dichloroethene	50	43		1	86	6.2	69-138	20	08/23/2013 2253
1,2-Dichloropropane	50	45		1	90	5.4	72-124	20	08/23/2013 2253
trans-1,3-Dichloropropene	50	49		1	98	5.0	70-124	20	08/23/2013 2253
cis-1,3-Dichloropropene	50	48		1	96	6.5	70-126	20	08/23/2013 2253
Ethylbenzene	50	46		1	92	1.7	59-128	20	08/23/2013 2253
2-Hexanone	100	110		1	109	2.0	54-137	20	08/23/2013 2253
Isopropylbenzene	50	49		1	97	5.3	50-136	20	08/23/2013 2253
Methyl acetate	50	52		1	103	5.3	59-137	20	08/23/2013 2253
Methyl tertiary butyl ether (MTBE)	50	47		1	93	0.92	70-130	20	08/23/2013 2253
4-Methyl-2-pentanone	100	100		1	100	7.1	60-134	20	08/23/2013 2253
Methylcyclohexane	50	42		1	84	2.3	41-144	20	08/23/2013 2253
Methylene chloride	50	48		1	96	4.1	70-130	20	08/23/2013 2253
Styrene	50	48		1	95	4.6	54-136	20	08/23/2013 2253
1,1,2,2-Tetrachloroethane	50	48		1	97	0.078	69-132	20	08/23/2013 2253
Tetrachloroethene	50	46		1	91	0.70	45-150	20	08/23/2013 2253
Toluene	50	45		1	90	5.9	61-129	20	08/23/2013 2253
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	42		1	85	10	49-136	20	08/23/2013 2253
1,2,4-Trichlorobenzene	50	42		1	85	0.58	34-145	20	08/23/2013 2253
1,1,2-Trichloroethane	50	47		1	94	2.9	55-128	20	08/23/2013 2253
1,1,1-Trichloroethane	50	43		1	85	5.7	63-128	20	08/23/2013 2253

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ27950-003

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	46		1	91	2.0	62-126	20	08/23/2013 2253
Trichlorofluoromethane	50	45		1	90	2.4	45-138	20	08/23/2013 2253
Vinyl chloride	50	50		1	101	8.4	42-132	20	08/23/2013 2253
Xylenes (total)	100	94		1	94	2.2	58-128	20	08/23/2013 2253
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		94	47-138						
1,2-Dichloroethane-d4		90	53-142						
Toluene-d8		95	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results



Chain of Custody Record

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Number 33434

Client: TRC Report to Contact: Dan Madison/Terry Hertz Sampler (Printed Name): Bill Medlin Quote No. _____
 Address: 30 Patwood Dr Telephone No. / Fax No. / Email: 864 281-0030 Waybill No. _____ Page _____ of _____
 City: Greenville State: SC Zip Code: 29615 Preservative: _____ Bottle (See Instructions on back) _____
 Project Name: WPH - Clemson 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Thio. _____ Preservative _____ Lot No. _____

Project Number	Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Analysis	QC Requirements (Specify)	Possible Hazard Identification
				G-Grab	C-Composite	Other			
SB-109 (8-9')		8-21-13	0840			X	VOC's		
SB-109 (26-27')		8-21-13	0845			X	VOC's		
SB-110 (4-5')		8-21-13	0940			X	VOC's		
SB-110 (24-25')		8-21-13	0945			X	VOC's		
SB-111 (14-15')		8-21-13	1150			X	VOC's		
SB-111 (28-29')		8-21-13	1155			X	VOC's		
SB-122 (13-14')		8-21-13	1340			X	VOC's		
SB-122 (26-27')		8-21-13	1345			X	VOC's		
TBLK-13302									

Turn Around Time Required (Prior lab approval required for expedited TAT): _____
 Sample Disposal: Return to Client Disposal by Lab
 1. Reinquished by / Sampler: Bill Medlin Date: 8-21-13 Time: 2:45
 2. Reinquished by: _____ Date: _____ Time: _____
 3. Reinquished by: _____ Date: _____ Time: _____
 4. Reinquished by: Bill Medlin Date: 8-21-13 Time: 1:48
 1. Received by: Bill Medlin Date: 8/21/13 Time: 1445
 2. Received by: _____ Date: _____ Time: _____
 3. Received by: _____ Date: _____ Time: _____
 4. Laboratory Received by: [Signature] Date: 8-21-13 Time: 1748
 LAB USE ONLY
 Received on Ice (Check) Yes No Ice Pack Yes No Ice Pack
 Receipt Temp. 1.0 °C
 Temp. Blank Y / U / N

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: EA 8/21/13 Lot #: 01121078

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?
Cooler ID/temperature upon receipt: <u>495/1.0°C</u> / °C / °C / °C		
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles		
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None		
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/> 16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 17. Were all metals/O&G/HBM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/> 21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)		
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____		
Sample(s) _____ were received with bubbles >6 mm in diameter.		
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol		
Sample labels verified by: <u>EA</u>		Date: <u>8/21/13</u>
Corrective Action taken, if necessary:		
Was client notified: Yes <input type="checkbox"/> No <input type="checkbox"/>		Did client respond: Yes <input type="checkbox"/> No <input type="checkbox"/>
SESI employee: _____		Date of response: _____
Comments: _____		

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OH22060

Date Completed: 09/03/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH22060 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH22060

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blank – Eight analytical method blanks were analyzed. No target analytes detected in method blanks.

Trip Blank – TBLK-13303. No target analytes detected in trip blank.

LCS/LCSD – Eight LCS/LCSD pairs were analyzed. LCS and LCSD recoveries are OK.
LCS/LCSD RPDs are OK except for acetone in batches 28087 and 28158 where the RPD was 35% in each case. Three samples were analyzed for acetone in these two batches: SB-119/25-26, SB-119/27-28 and SB-118/22-23. Acetone was not detected in these three samples. No data qualifiers were added to acetone in these three samples.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 9/4/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH22060

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH22060

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-117 (21-22)	Solid	08/22/2013 1150	08/22/2013
002	SB-117 (24-25)	Solid	08/22/2013 1155	08/22/2013
003	SB-116 (16-17)	Solid	08/22/2013 1250	08/22/2013
004	SB-116 (21-22)	Solid	08/22/2013 1255	08/22/2013
005	SB-115 (17-18)	Solid	08/22/2013 1405	08/22/2013
006	SB-115 (22-23)	Solid	08/22/2013 1410	08/22/2013
007	SB-121 (9-10)	Solid	08/21/2013 1535	08/22/2013
008	SB-121 (29-30)	Solid	08/21/2013 1540	08/22/2013
009	SB-120 (20-21)	Solid	08/21/2013 1645	08/22/2013
010	SB-120 (26-27)	Solid	08/21/2013 1650	08/22/2013
011	SB-119 (25-26)	Solid	08/22/2013 0835	08/22/2013
012	SB-119 (27-28)	Solid	08/22/2013 0840	08/22/2013
013	SB-118 (22-23)	Solid	08/22/2013 0940	08/22/2013
014	SB-118 (27-28')	Solid	08/22/2013 0945	08/22/2013
015	TBLK-13303	Aqueous	08/22/2013	08/22/2013

(15 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH22060

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-117 (21-22)	Solid	Tetrachloroethene	8260B	22		ug/kg	5
002	SB-117 (24-25)	Solid	Tetrachloroethene	8260B	120		ug/kg	7
003	SB-116 (16-17)	Solid	Tetrachloroethene	8260B	33		ug/kg	9
004	SB-116 (21-22)	Solid	Tetrachloroethene	8260B	65		ug/kg	11
005	SB-115 (17-18)	Solid	Tetrachloroethene	8260B	3.8	J	ug/kg	13
006	SB-115 (22-23)	Solid	Tetrachloroethene	8260B	17		ug/kg	15
008	SB-121 (29-30)	Solid	Tetrachloroethene	8260B	3.6	J	ug/kg	19
009	SB-120 (20-21)	Solid	Tetrachloroethene	8260B	1.2	J	ug/kg	21
010	SB-120 (26-27)	Solid	Benzene	8260B	4.6	J	ug/kg	23
010	SB-120 (26-27)	Solid	Carbon disulfide	8260B	14		ug/kg	23
010	SB-120 (26-27)	Solid	Ethylbenzene	8260B	2700		ug/kg	23
010	SB-120 (26-27)	Solid	Isopropylbenzene	8260B	9.0		ug/kg	23
010	SB-120 (26-27)	Solid	Methylcyclohexane	8260B	9.1		ug/kg	23
010	SB-120 (26-27)	Solid	Styrene	8260B	32		ug/kg	23
010	SB-120 (26-27)	Solid	Tetrachloroethene	8260B	3.2	J	ug/kg	23
010	SB-120 (26-27)	Solid	Toluene	8260B	7.2		ug/kg	24
010	SB-120 (26-27)	Solid	Xylenes (total)	8260B	5900		ug/kg	24
011	SB-119 (25-26)	Solid	Ethylbenzene	8260B	99000		ug/kg	25
011	SB-119 (25-26)	Solid	Isopropylbenzene	8260B	1100	J	ug/kg	25
011	SB-119 (25-26)	Solid	Methylcyclohexane	8260B	2300		ug/kg	25
011	SB-119 (25-26)	Solid	Styrene	8260B	630	J	ug/kg	25
011	SB-119 (25-26)	Solid	Xylenes (total)	8260B	190000		ug/kg	26
012	SB-119 (27-28)	Solid	Ethylbenzene	8260B	8800		ug/kg	27
012	SB-119 (27-28)	Solid	Xylenes (total)	8260B	29000		ug/kg	28
013	SB-118 (22-23)	Solid	Ethylbenzene	8260B	84000		ug/kg	29
013	SB-118 (22-23)	Solid	Methylcyclohexane	8260B	200	J	ug/kg	29
013	SB-118 (22-23)	Solid	Styrene	8260B	840	J	ug/kg	29
013	SB-118 (22-23)	Solid	Xylenes (total)	8260B	250000		ug/kg	30
014	SB-118 (27-28')	Solid	cis-1,2-Dichloroethene	8260B	2.0	J	ug/kg	31
014	SB-118 (27-28')	Solid	Ethylbenzene	8260B	300		ug/kg	31
014	SB-118 (27-28')	Solid	Styrene	8260B	3.7	J	ug/kg	31
014	SB-118 (27-28')	Solid	Tetrachloroethene	8260B	14		ug/kg	31
014	SB-118 (27-28')	Solid	Xylenes (total)	8260B	260		ug/kg	32

(33 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0436	JJG		27950	6.09
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	22		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0436	JJG		27950	6.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0500	JJG		27950	6.50

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	120		5.1	0.51	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0500	JJG		27950	6.50

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0523	JJG		27950	6.36
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.92	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.75	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.81	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.91	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	33		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0523	JJG		27950	6.36

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.70	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.88	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0547	JJG		27950	6.38

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	65		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0547	JJG		27950	6.38

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0611	JJG		27950	5.98

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.8	J	5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0611	JJG		27950	5.98

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0634	JJG		27950	6.22
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	17		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0634	JJG		27950	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0658	JJG		27950	6.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.86	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0658	JJG		27950	6.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.81	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0721	JJG		27950	6.15
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.6	J	5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/24/2013 0721	JJG		27950	6.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2013 1913	AAC		28069	6.05
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	7.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.9	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.9	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.9	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.9	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.9	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.9	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.9	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.9	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.9	0.98	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.9	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.9	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.9	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.9	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.9	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.9	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.9	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.9	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.9	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.9	0.86	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.9	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.9	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.9	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.9	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.9	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.9	0.80	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.9	0.96	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.9	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.9	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.9	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.9	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.9	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.9	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		5.9	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.9	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.2	J	5.9	0.59	ug/kg	1
Toluene	108-88-3	8260B	ND		5.9	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2013 1913	AAC		28069	6.05

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.9	0.74	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.9	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.9	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.9	0.93	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.9	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.9	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.9	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.9	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2013 1937	AAC		28069	5.73
2	5035	8260B	50	08/27/2013 1812	AAC		28158	5.75

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		29	9.6	ug/kg	1
Benzene	71-43-2	8260B	4.6	J	7.1	1.6	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.1	2.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.1	1.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.1	2.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	14		7.1	1.9	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.1	2.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.1	2.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.1	1.9	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.1	1.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.1	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.1	0.96	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.1	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.1	2.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.1	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.1	2.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.1	2.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.1	2.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.1	2.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.1	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.1	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.1	2.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.1	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.1	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.1	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.1	0.97	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.1	1.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	2700		360	120	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		14	1.9	ug/kg	1
Isopropylbenzene	98-82-8	8260B	9.0		7.1	0.33	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.1	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.1	0.57	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	9.1		7.1	0.58	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.1	3.7	ug/kg	1
Styrene	100-42-5	8260B	32		7.1	1.6	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.1	0.67	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.2	J	7.1	0.71	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2013 1937	AAC		28069	5.73
2	5035	8260B	50	08/27/2013 1812	AAC		28158	5.75

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	7.2		7.1	2.4	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.1	0.90	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.1	2.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.1	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.1	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		7.1	2.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.1	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.1	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	5900		360	210	ug/kg	2

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142		93	53-142
Bromofluorobenzene		94	47-138		71	47-138
Toluene-d8		95	68-124		74	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 0106	JJG		28087	5.74
2	5035	8260B	1000	08/27/2013 1835	AAC		28158	5.74

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		5200	1800	ug/kg	1
Benzene	71-43-2	8260B	ND		1300	290	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		1300	450	ug/kg	1
Bromoform	75-25-2	8260B	ND		1300	180	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		1300	470	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		2600	630	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		1300	340	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		1300	470	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		1300	450	ug/kg	1
Chloroethane	75-00-3	8260B	ND		1300	340	ug/kg	1
Chloroform	67-66-3	8260B	ND		1300	220	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1300	260	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		1300	180	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1300	390	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		1300	450	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1300	220	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1300	450	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1300	450	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1300	450	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		1300	420	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		1300	190	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		1300	260	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		1300	450	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1300	200	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1300	390	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		1300	240	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1300	180	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1300	220	ug/kg	1
Ethylbenzene	100-41-4	8260B	99000		1300	450	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		2600	340	ug/kg	1
Isopropylbenzene	98-82-8	8260B	1100	J	1300	60	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		1300	260	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1300	100	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		2600	390	ug/kg	1
Methylcyclohexane	108-87-2	8260B	2300		1300	110	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		1300	680	ug/kg	1
Styrene	100-42-5	8260B	630	J	1300	290	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1300	120	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		1300	130	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 0106	JJG		28087	5.74
2	5035	8260B	1000	08/27/2013 1835	AAC		28158	5.74

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		1300	450	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1300	170	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1300	450	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1300	220	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1300	210	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		1300	500	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		1300	390	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		1300	230	ug/kg	1
Xylenes (total)	1330-20-7	8260B	190000		6600	3800	ug/kg	2

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142		123	53-142
Bromofluorobenzene		89	47-138		125	47-138
Toluene-d8		95	68-124		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 1859	AAC		28158	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		4800	1600	ug/kg	1
Benzene	71-43-2	8260B	ND		1200	270	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		1200	410	ug/kg	1
Bromoform	75-25-2	8260B	ND		1200	170	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		1200	440	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		2400	580	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		1200	320	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		1200	440	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		1200	410	ug/kg	1
Chloroethane	75-00-3	8260B	ND		1200	320	ug/kg	1
Chloroform	67-66-3	8260B	ND		1200	200	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1200	240	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		1200	160	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1200	360	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		1200	410	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1200	210	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1200	410	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1200	410	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1200	410	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		1200	390	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		1200	180	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		1200	240	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		1200	410	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1200	180	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1200	360	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		1200	220	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1200	160	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1200	200	ug/kg	1
Ethylbenzene	100-41-4	8260B	8800		1200	410	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		2400	320	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		1200	56	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		1200	240	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1200	97	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		2400	360	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		1200	99	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		1200	630	ug/kg	1
Styrene	100-42-5	8260B	ND		1200	270	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1200	110	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		1200	120	ug/kg	1
Toluene	108-88-3	8260B	ND		1200	410	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 1859	AAC		28158	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1200	150	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1200	410	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1200	210	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1200	190	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		1200	460	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		1200	360	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		1200	210	ug/kg	1
Xylenes (total)	1330-20-7	8260B	29000		1200	700	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		81	47-138
Toluene-d8		71	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 1922	AAC		28158	5.25
2	5035	8260B	1000	08/28/2013 1801	AAC		28285	5.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		5300	1800	ug/kg	1
Benzene	71-43-2	8260B	ND		1300	290	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		1300	450	ug/kg	1
Bromoform	75-25-2	8260B	ND		1300	190	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		1300	480	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		2700	640	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		1300	350	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		1300	480	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		1300	450	ug/kg	1
Chloroethane	75-00-3	8260B	ND		1300	350	ug/kg	1
Chloroform	67-66-3	8260B	ND		1300	220	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1300	270	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		1300	180	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1300	400	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		1300	450	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1300	230	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		1300	450	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		1300	450	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		1300	450	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		1300	430	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		1300	190	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		1300	270	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		1300	450	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		1300	200	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1300	400	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		1300	240	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1300	180	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1300	220	ug/kg	1
Ethylbenzene	100-41-4	8260B	84000		1300	450	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		2700	350	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		1300	61	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		1300	260	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1300	110	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		2700	400	ug/kg	1
Methylcyclohexane	108-87-2	8260B	200	J	1300	110	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		1300	690	ug/kg	1
Styrene	100-42-5	8260B	840	J	1300	290	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1300	120	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		1300	130	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	200	08/27/2013 1922	AAC		28158	5.25
2	5035	8260B	1000	08/28/2013 1801	AAC		28285	5.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		1300	450	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		1300	170	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		1300	450	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1300	230	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1300	210	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		1300	500	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		1300	400	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		1300	230	ug/kg	1
Xylenes (total)	1330-20-7	8260B	250000		6600	3900	ug/kg	2

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142		115	53-142
Bromofluorobenzene		74	47-138		109	47-138
Toluene-d8		68	68-124		71	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1637	AAC		28157	5.93
3	5035	8260B	1	08/30/2013 0209	JJG		28376	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		26	8.6	ug/kg	1
Benzene	71-43-2	8260B	ND		6.4	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.4	2.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.4	0.90	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.4	2.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.1	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.4	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.4	2.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.4	2.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.4	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.4	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.4	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.4	0.86	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.4	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.4	2.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.4	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.4	2.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.4	2.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.4	2.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.4	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.4	0.94	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.4	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.4	2.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	2.0	J	6.4	0.97	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.4	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.4	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.4	0.87	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.4	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	300		6.4	2.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.4	0.29	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.4	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.4	0.51	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.4	0.53	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.4	3.3	ug/kg	1
Styrene	100-42-5	8260B	3.7	J	6.4	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.4	0.60	ug/kg	1
Tetrachloroethene	127-18-4	8260B	14		6.4	0.64	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1637	AAC		28157	5.93
3	5035	8260B	1	08/30/2013 0209	JJG		28376	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		6.4	2.2	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.4	0.81	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.4	2.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.4	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.4	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.4	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.4	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.4	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	260		6.2	3.6	ug/kg	3

Surrogate	Run 1			Run 3		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		83	53-142		84	53-142
Bromofluorobenzene		83	47-138		91	47-138
Toluene-d8		82	68-124		85	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/25/2013 1704	RGB		27962			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	08/25/2013 1704	RGB		27962				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		112	70-130								
Bromofluorobenzene		93	70-130								
Toluene-d8		97	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ27950-001

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/24/2013 0004
Benzene	ND		1	5.0	1.1	ug/kg	08/24/2013 0004
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Bromoform	ND		1	5.0	0.70	ug/kg	08/24/2013 0004
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/24/2013 0004
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/24/2013 0004
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/24/2013 0004
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/24/2013 0004
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Chloroethane	ND		1	5.0	1.3	ug/kg	08/24/2013 0004
Chloroform	ND		1	5.0	0.83	ug/kg	08/24/2013 0004
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/24/2013 0004
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/24/2013 0004
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/24/2013 0004
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/24/2013 0004
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/24/2013 0004
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/24/2013 0004
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/24/2013 0004
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/24/2013 0004
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/24/2013 0004
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/24/2013 0004
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
2-Hexanone	ND		1	10	1.3	ug/kg	08/24/2013 0004
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/24/2013 0004
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/24/2013 0004
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/24/2013 0004
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/24/2013 0004
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/24/2013 0004
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/24/2013 0004
Styrene	ND		1	5.0	1.1	ug/kg	08/24/2013 0004
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/24/2013 0004
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/24/2013 0004
Toluene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/24/2013 0004
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/24/2013 0004
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/24/2013 0004
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/24/2013 0004

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ27950-001

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/24/2013 0004
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/24/2013 0004
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/24/2013 0004
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/24/2013 0004
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		92	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27950-002

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	60-140	08/23/2013 2230
Benzene	50	43		1	86	69-123	08/23/2013 2230
Bromodichloromethane	50	44		1	88	69-121	08/23/2013 2230
Bromoform	50	49		1	98	61-119	08/23/2013 2230
Bromomethane (Methyl bromide)	50	49		1	98	10-168	08/23/2013 2230
2-Butanone (MEK)	100	97		1	97	57-148	08/23/2013 2230
Carbon disulfide	50	42		1	84	58-122	08/23/2013 2230
Carbon tetrachloride	50	43		1	86	58-136	08/23/2013 2230
Chlorobenzene	50	47		1	93	59-129	08/23/2013 2230
Chloroethane	50	53		1	105	42-163	08/23/2013 2230
Chloroform	50	46		1	92	71-125	08/23/2013 2230
Chloromethane (Methyl chloride)	50	50		1	101	34-134	08/23/2013 2230
Cyclohexane	50	45		1	90	53-139	08/23/2013 2230
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	91	55-125	08/23/2013 2230
Dibromochloromethane	50	48		1	97	66-119	08/23/2013 2230
1,2-Dibromoethane (EDB)	50	49		1	99	74-124	08/23/2013 2230
1,4-Dichlorobenzene	50	46		1	92	52-133	08/23/2013 2230
1,3-Dichlorobenzene	50	44		1	89	51-134	08/23/2013 2230
1,2-Dichlorobenzene	50	46		1	91	57-131	08/23/2013 2230
Dichlorodifluoromethane	50	48		1	97	10-157	08/23/2013 2230
1,2-Dichloroethane	50	46		1	93	67-129	08/23/2013 2230
1,1-Dichloroethane	50	45		1	90	71-127	08/23/2013 2230
trans-1,2-Dichloroethene	50	45		1	91	68-131	08/23/2013 2230
cis-1,2-Dichloroethene	50	47		1	94	70-122	08/23/2013 2230
1,1-Dichloroethene	50	46		1	92	69-138	08/23/2013 2230
1,2-Dichloropropane	50	42		1	85	72-124	08/23/2013 2230
trans-1,3-Dichloropropene	50	47		1	93	70-124	08/23/2013 2230
cis-1,3-Dichloropropene	50	45		1	90	70-126	08/23/2013 2230
Ethylbenzene	50	45		1	91	59-128	08/23/2013 2230
2-Hexanone	100	110		1	107	54-137	08/23/2013 2230
Isopropylbenzene	50	46		1	92	50-136	08/23/2013 2230
Methyl acetate	50	49		1	98	59-137	08/23/2013 2230
Methyl tertiary butyl ether (MTBE)	50	47		1	94	70-130	08/23/2013 2230
4-Methyl-2-pentanone	100	93		1	93	60-134	08/23/2013 2230
Methylcyclohexane	50	43		1	86	41-144	08/23/2013 2230
Methylene chloride	50	50		1	100	70-130	08/23/2013 2230
Styrene	50	50		1	100	54-136	08/23/2013 2230
1,1,2,2-Tetrachloroethane	50	49		1	97	69-132	08/23/2013 2230
Tetrachloroethene	50	45		1	90	45-150	08/23/2013 2230
Toluene	50	42		1	85	61-129	08/23/2013 2230
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	94	49-136	08/23/2013 2230
1,2,4-Trichlorobenzene	50	42		1	84	34-145	08/23/2013 2230
1,1,2-Trichloroethane	50	48		1	97	55-128	08/23/2013 2230
1,1,1-Trichloroethane	50	45		1	90	63-128	08/23/2013 2230

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ27950-002

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	47		1	93	62-126	08/23/2013 2230
Trichlorofluoromethane	50	46		1	93	45-138	08/23/2013 2230
Vinyl chloride	50	55		1	110	42-132	08/23/2013 2230
Xylenes (total)	100	96		1	96	58-128	08/23/2013 2230
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	47-138				
1,2-Dichloroethane-d4		87	53-142				
Toluene-d8		94	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ27950-003

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	115	3.9	60-140	20	08/23/2013 2253
Benzene	50	45		1	90	4.4	69-123	20	08/23/2013 2253
Bromodichloromethane	50	46		1	92	4.2	69-121	20	08/23/2013 2253
Bromoform	50	50		1	99	1.8	61-119	20	08/23/2013 2253
Bromomethane (Methyl bromide)	50	45		1	90	8.2	10-168	20	08/23/2013 2253
2-Butanone (MEK)	100	99		1	99	2.3	57-148	20	08/23/2013 2253
Carbon disulfide	50	41		1	81	3.2	58-122	20	08/23/2013 2253
Carbon tetrachloride	50	41		1	82	4.8	58-136	20	08/23/2013 2253
Chlorobenzene	50	45		1	89	4.6	59-129	20	08/23/2013 2253
Chloroethane	50	52		1	104	1.1	42-163	20	08/23/2013 2253
Chloroform	50	44		1	88	4.2	71-125	20	08/23/2013 2253
Chloromethane (Methyl chloride)	50	48		1	95	5.5	34-134	20	08/23/2013 2253
Cyclohexane	50	44		1	88	2.7	53-139	20	08/23/2013 2253
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	93	2.2	55-125	20	08/23/2013 2253
Dibromochloromethane	50	48		1	95	2.0	66-119	20	08/23/2013 2253
1,2-Dibromoethane (EDB)	50	49		1	97	1.8	74-124	20	08/23/2013 2253
1,4-Dichlorobenzene	50	45		1	89	3.5	52-133	20	08/23/2013 2253
1,3-Dichlorobenzene	50	45		1	90	1.2	51-134	20	08/23/2013 2253
1,2-Dichlorobenzene	50	45		1	90	0.81	57-131	20	08/23/2013 2253
Dichlorodifluoromethane	50	43		1	87	11	10-157	20	08/23/2013 2253
1,2-Dichloroethane	50	46		1	92	0.83	67-129	20	08/23/2013 2253
1,1-Dichloroethane	50	43		1	85	5.1	71-127	20	08/23/2013 2253
trans-1,2-Dichloroethene	50	43		1	87	4.4	68-131	20	08/23/2013 2253
cis-1,2-Dichloroethene	50	45		1	91	3.7	70-122	20	08/23/2013 2253
1,1-Dichloroethene	50	43		1	86	6.2	69-138	20	08/23/2013 2253
1,2-Dichloropropane	50	45		1	90	5.4	72-124	20	08/23/2013 2253
trans-1,3-Dichloropropene	50	49		1	98	5.0	70-124	20	08/23/2013 2253
cis-1,3-Dichloropropene	50	48		1	96	6.5	70-126	20	08/23/2013 2253
Ethylbenzene	50	46		1	92	1.7	59-128	20	08/23/2013 2253
2-Hexanone	100	110		1	109	2.0	54-137	20	08/23/2013 2253
Isopropylbenzene	50	49		1	97	5.3	50-136	20	08/23/2013 2253
Methyl acetate	50	52		1	103	5.3	59-137	20	08/23/2013 2253
Methyl tertiary butyl ether (MTBE)	50	47		1	93	0.92	70-130	20	08/23/2013 2253
4-Methyl-2-pentanone	100	100		1	100	7.1	60-134	20	08/23/2013 2253
Methylcyclohexane	50	42		1	84	2.3	41-144	20	08/23/2013 2253
Methylene chloride	50	48		1	96	4.1	70-130	20	08/23/2013 2253
Styrene	50	48		1	95	4.6	54-136	20	08/23/2013 2253
1,1,2,2-Tetrachloroethane	50	48		1	97	0.078	69-132	20	08/23/2013 2253
Tetrachloroethene	50	46		1	91	0.70	45-150	20	08/23/2013 2253
Toluene	50	45		1	90	5.9	61-129	20	08/23/2013 2253
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	42		1	85	10	49-136	20	08/23/2013 2253
1,2,4-Trichlorobenzene	50	42		1	85	0.58	34-145	20	08/23/2013 2253
1,1,2-Trichloroethane	50	47		1	94	2.9	55-128	20	08/23/2013 2253
1,1,1-Trichloroethane	50	43		1	85	5.7	63-128	20	08/23/2013 2253

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ27950-003

Matrix: Solid

Batch: 27950

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	46		1	91	2.0	62-126	20	08/23/2013 2253
Trichlorofluoromethane	50	45		1	90	2.4	45-138	20	08/23/2013 2253
Vinyl chloride	50	50		1	101	8.4	42-132	20	08/23/2013 2253
Xylenes (total)	100	94		1	94	2.2	58-128	20	08/23/2013 2253
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		94	47-138						
1,2-Dichloroethane-d4		90	53-142						
Toluene-d8		95	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ27962-001

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	08/25/2013 1639
Benzene	ND		1	5.0	0.20	ug/L	08/25/2013 1639
Bromodichloromethane	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Bromoform	ND		1	5.0	0.40	ug/L	08/25/2013 1639
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	08/25/2013 1639
2-Butanone (MEK)	ND		1	10	1.8	ug/L	08/25/2013 1639
Carbon disulfide	ND		1	5.0	0.30	ug/L	08/25/2013 1639
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	08/25/2013 1639
Chlorobenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Chloroethane	ND		1	5.0	0.50	ug/L	08/25/2013 1639
Chloroform	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	08/25/2013 1639
Cyclohexane	ND		1	5.0	0.98	ug/L	08/25/2013 1639
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	08/25/2013 1639
Dibromochloromethane	ND		1	5.0	1.7	ug/L	08/25/2013 1639
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	08/25/2013 1639
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	08/25/2013 1639
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	08/25/2013 1639
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	08/25/2013 1639
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	08/25/2013 1639
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	08/25/2013 1639
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	08/25/2013 1639
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	08/25/2013 1639
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/25/2013 1639
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/25/2013 1639
Ethylbenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
2-Hexanone	ND		1	10	1.0	ug/L	08/25/2013 1639
Isopropylbenzene	ND		1	5.0	1.0	ug/L	08/25/2013 1639
Methyl acetate	ND		1	5.0	0.72	ug/L	08/25/2013 1639
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	08/25/2013 1639
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	08/25/2013 1639
Methylcyclohexane	ND		1	5.0	0.95	ug/L	08/25/2013 1639
Methylene chloride	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Styrene	ND		1	5.0	0.10	ug/L	08/25/2013 1639
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	08/25/2013 1639
Tetrachloroethene	ND		1	5.0	0.40	ug/L	08/25/2013 1639
Toluene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	08/25/2013 1639
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	08/25/2013 1639
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	08/25/2013 1639
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	08/25/2013 1639

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ27962-001

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	08/25/2013 1639
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	08/25/2013 1639
Vinyl chloride	ND		1	2.0	0.10	ug/L	08/25/2013 1639
Xylenes (total)	ND		1	5.0	1.7	ug/L	08/25/2013 1639
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	70-130				
1,2-Dichloroethane-d4		106	70-130				
Toluene-d8		99	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ27962-002

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	98		1	98	60-140	08/25/2013 1501
Benzene	50	49		1	98	70-130	08/25/2013 1501
Bromodichloromethane	50	57		1	114	70-130	08/25/2013 1501
Bromoform	50	51		1	101	70-130	08/25/2013 1501
Bromomethane (Methyl bromide)	50	50		1	100	60-140	08/25/2013 1501
2-Butanone (MEK)	100	98		1	98	60-140	08/25/2013 1501
Carbon disulfide	50	43		1	85	60-140	08/25/2013 1501
Carbon tetrachloride	50	57		1	115	70-130	08/25/2013 1501
Chlorobenzene	50	49		1	97	70-130	08/25/2013 1501
Chloroethane	50	45		1	90	42-163	08/25/2013 1501
Chloroform	50	53		1	106	70-130	08/25/2013 1501
Chloromethane (Methyl chloride)	50	54		1	107	60-140	08/25/2013 1501
Cyclohexane	50	51		1	102	70-130	08/25/2013 1501
1,2-Dibromo-3-chloropropane (DBCP)	50	56		1	112	70-130	08/25/2013 1501
Dibromochloromethane	50	57		1	113	70-130	08/25/2013 1501
1,2-Dibromoethane (EDB)	50	53		1	105	70-130	08/25/2013 1501
1,4-Dichlorobenzene	50	46		1	91	70-130	08/25/2013 1501
1,3-Dichlorobenzene	50	46		1	93	70-130	08/25/2013 1501
1,2-Dichlorobenzene	50	47		1	93	70-130	08/25/2013 1501
Dichlorodifluoromethane	50	55		1	110	60-140	08/25/2013 1501
1,1-Dichloroethane	50	47		1	95	70-130	08/25/2013 1501
1,2-Dichloroethane	50	55		1	110	70-130	08/25/2013 1501
cis-1,2-Dichloroethene	50	48		1	97	70-130	08/25/2013 1501
1,1-Dichloroethene	50	49		1	97	70-130	08/25/2013 1501
trans-1,2-Dichloroethene	50	46		1	93	70-130	08/25/2013 1501
1,2-Dichloropropane	50	49		1	98	70-130	08/25/2013 1501
trans-1,3-Dichloropropene	50	53		1	105	70-130	08/25/2013 1501
cis-1,3-Dichloropropene	50	54		1	107	70-130	08/25/2013 1501
Ethylbenzene	50	49		1	98	70-130	08/25/2013 1501
2-Hexanone	100	100		1	101	60-140	08/25/2013 1501
Isopropylbenzene	50	48		1	95	70-130	08/25/2013 1501
Methyl acetate	50	41		1	83	70-130	08/25/2013 1501
Methyl tertiary butyl ether (MTBE)	50	50		1	100	70-130	08/25/2013 1501
4-Methyl-2-pentanone	100	110		1	106	60-140	08/25/2013 1501
Methylcyclohexane	50	46		1	92	70-130	08/25/2013 1501
Methylene chloride	50	44		1	88	70-130	08/25/2013 1501
Styrene	50	54		1	108	70-130	08/25/2013 1501
1,1,2,2-Tetrachloroethane	50	48		1	96	70-130	08/25/2013 1501
Tetrachloroethene	50	50		1	99	70-130	08/25/2013 1501
Toluene	50	50		1	99	70-130	08/25/2013 1501
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	95	70-130	08/25/2013 1501
1,2,4-Trichlorobenzene	50	40		1	81	70-130	08/25/2013 1501
1,1,1-Trichloroethane	50	56		1	112	70-130	08/25/2013 1501
1,1,2-Trichloroethane	50	49		1	99	70-130	08/25/2013 1501

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ27962-002

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	100	70-130	08/25/2013 1501
Trichlorofluoromethane	50	63		1	125	70-130	08/25/2013 1501
Vinyl chloride	50	59		1	118	70-130	08/25/2013 1501
Xylenes (total)	100	100		1	101	70-130	08/25/2013 1501
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		98	70-130				
1,2-Dichloroethane-d4		102	70-130				
Toluene-d8		101	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ27962-003

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	100		1	101	3.2	60-140	20	08/25/2013 1526
Benzene	50	48		1	97	0.92	70-130	20	08/25/2013 1526
Bromodichloromethane	50	56		1	111	2.7	70-130	20	08/25/2013 1526
Bromoform	50	50		1	100	1.4	70-130	20	08/25/2013 1526
Bromomethane (Methyl bromide)	50	51		1	103	2.8	60-140	20	08/25/2013 1526
2-Butanone (MEK)	100	100		1	104	5.2	60-140	20	08/25/2013 1526
Carbon disulfide	50	43		1	86	1.2	60-140	20	08/25/2013 1526
Carbon tetrachloride	50	56		1	111	3.1	70-130	20	08/25/2013 1526
Chlorobenzene	50	49		1	98	0.14	70-130	20	08/25/2013 1526
Chloroethane	50	46		1	93	3.2	42-163	20	08/25/2013 1526
Chloroform	50	53		1	105	0.51	70-130	20	08/25/2013 1526
Chloromethane (Methyl chloride)	50	54		1	107	0.10	60-140	20	08/25/2013 1526
Cyclohexane	50	49		1	97	5.0	70-130	20	08/25/2013 1526
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	106	4.8	70-130	20	08/25/2013 1526
Dibromochloromethane	50	56		1	113	0.57	70-130	20	08/25/2013 1526
1,2-Dibromoethane (EDB)	50	52		1	105	0.52	70-130	20	08/25/2013 1526
1,4-Dichlorobenzene	50	47		1	94	2.4	70-130	20	08/25/2013 1526
1,3-Dichlorobenzene	50	47		1	93	0.44	70-130	20	08/25/2013 1526
1,2-Dichlorobenzene	50	47		1	94	0.97	70-130	20	08/25/2013 1526
Dichlorodifluoromethane	50	54		1	107	2.8	60-140	20	08/25/2013 1526
1,1-Dichloroethane	50	48		1	95	0.70	70-130	20	08/25/2013 1526
1,2-Dichloroethane	50	54		1	108	2.0	70-130	20	08/25/2013 1526
cis-1,2-Dichloroethene	50	48		1	97	0.26	70-130	20	08/25/2013 1526
1,1-Dichloroethene	50	50		1	99	1.7	70-130	20	08/25/2013 1526
trans-1,2-Dichloroethene	50	47		1	94	1.4	70-130	20	08/25/2013 1526
1,2-Dichloropropane	50	49		1	99	0.45	70-130	20	08/25/2013 1526
trans-1,3-Dichloropropene	50	53		1	106	0.43	70-130	20	08/25/2013 1526
cis-1,3-Dichloropropene	50	54		1	107	0.026	70-130	20	08/25/2013 1526
Ethylbenzene	50	49		1	98	0.51	70-130	20	08/25/2013 1526
2-Hexanone	100	100		1	102	0.28	60-140	20	08/25/2013 1526
Isopropylbenzene	50	48		1	95	0.19	70-130	20	08/25/2013 1526
Methyl acetate	50	42		1	85	2.6	70-130	20	08/25/2013 1526
Methyl tertiary butyl ether (MTBE)	50	50		1	100	0.17	70-130	20	08/25/2013 1526
4-Methyl-2-pentanone	100	110		1	107	0.41	60-140	20	08/25/2013 1526
Methylcyclohexane	50	46		1	92	0.23	70-130	20	08/25/2013 1526
Methylene chloride	50	45		1	90	2.0	70-130	20	08/25/2013 1526
Styrene	50	53		1	106	1.5	70-130	20	08/25/2013 1526
1,1,2,2-Tetrachloroethane	50	49		1	99	2.5	70-130	20	08/25/2013 1526
Tetrachloroethene	50	49		1	98	1.7	70-130	20	08/25/2013 1526
Toluene	50	49		1	98	0.73	70-130	20	08/25/2013 1526
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	95	0.62	70-130	20	08/25/2013 1526
1,2,4-Trichlorobenzene	50	39		1	79	2.2	70-130	20	08/25/2013 1526
1,1,1-Trichloroethane	50	55		1	110	1.7	70-130	20	08/25/2013 1526
1,1,2-Trichloroethane	50	49		1	98	0.84	70-130	20	08/25/2013 1526

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ27962-003

Matrix: Aqueous

Batch: 27962

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	100	0.25	70-130	20	08/25/2013 1526
Trichlorofluoromethane	50	61		1	123	2.2	70-130	20	08/25/2013 1526
Vinyl chloride	50	59		1	117	0.69	70-130	20	08/25/2013 1526
Xylenes (total)	100	100		1	101	0.0030	70-130	20	08/25/2013 1526
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		97	70-130						
1,2-Dichloroethane-d4		100	70-130						
Toluene-d8		100	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28069-001

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/26/2013 1153
Benzene	ND		1	5.0	1.1	ug/kg	08/26/2013 1153
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Bromoform	ND		1	5.0	0.70	ug/kg	08/26/2013 1153
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/26/2013 1153
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/26/2013 1153
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/26/2013 1153
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/26/2013 1153
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Chloroethane	ND		1	5.0	1.3	ug/kg	08/26/2013 1153
Chloroform	ND		1	5.0	0.83	ug/kg	08/26/2013 1153
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/26/2013 1153
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/26/2013 1153
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/26/2013 1153
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/26/2013 1153
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/26/2013 1153
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/26/2013 1153
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/26/2013 1153
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/26/2013 1153
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/26/2013 1153
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/26/2013 1153
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
2-Hexanone	ND		1	10	1.3	ug/kg	08/26/2013 1153
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/26/2013 1153
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/26/2013 1153
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/26/2013 1153
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/26/2013 1153
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/26/2013 1153
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/26/2013 1153
Styrene	ND		1	5.0	1.1	ug/kg	08/26/2013 1153
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/26/2013 1153
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/26/2013 1153
Toluene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/26/2013 1153
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/26/2013 1153
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/26/2013 1153
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/26/2013 1153

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28069-001

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/26/2013 1153
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/26/2013 1153
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/26/2013 1153
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/26/2013 1153
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		88	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		90	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28069-002

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	102	60-140	08/26/2013 1605
Benzene	50	45		1	90	69-123	08/26/2013 1605
Bromodichloromethane	50	45		1	89	69-121	08/26/2013 1605
Bromoform	50	45		1	90	61-119	08/26/2013 1605
Bromomethane (Methyl bromide)	50	52		1	103	10-168	08/26/2013 1605
2-Butanone (MEK)	100	89		1	89	57-148	08/26/2013 1605
Carbon disulfide	50	43		1	86	58-122	08/26/2013 1605
Carbon tetrachloride	50	44		1	87	58-136	08/26/2013 1605
Chlorobenzene	50	43		1	87	59-129	08/26/2013 1605
Chloroethane	50	51		1	102	42-163	08/26/2013 1605
Chloroform	50	46		1	91	71-125	08/26/2013 1605
Chloromethane (Methyl chloride)	50	55		1	110	34-134	08/26/2013 1605
Cyclohexane	50	46		1	92	53-139	08/26/2013 1605
1,2-Dibromo-3-chloropropane (DBCP)	50	39		1	78	55-125	08/26/2013 1605
Dibromochloromethane	50	47		1	93	66-119	08/26/2013 1605
1,2-Dibromoethane (EDB)	50	43		1	87	74-124	08/26/2013 1605
1,2-Dichlorobenzene	50	41		1	82	57-131	08/26/2013 1605
1,3-Dichlorobenzene	50	43		1	86	51-134	08/26/2013 1605
1,4-Dichlorobenzene	50	41		1	81	52-133	08/26/2013 1605
Dichlorodifluoromethane	50	43		1	86	10-157	08/26/2013 1605
1,1-Dichloroethane	50	45		1	91	71-127	08/26/2013 1605
1,2-Dichloroethane	50	50		1	99	67-129	08/26/2013 1605
1,1-Dichloroethene	50	43		1	85	69-138	08/26/2013 1605
cis-1,2-Dichloroethene	50	45		1	90	70-122	08/26/2013 1605
trans-1,2-Dichloroethene	50	46		1	92	68-131	08/26/2013 1605
1,2-Dichloropropane	50	45		1	90	72-124	08/26/2013 1605
cis-1,3-Dichloropropene	50	45		1	90	70-126	08/26/2013 1605
trans-1,3-Dichloropropene	50	47		1	93	70-124	08/26/2013 1605
Ethylbenzene	50	45		1	91	59-128	08/26/2013 1605
2-Hexanone	100	88		1	88	54-137	08/26/2013 1605
Isopropylbenzene	50	42		1	85	50-136	08/26/2013 1605
Methyl acetate	50	49		1	97	59-137	08/26/2013 1605
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	08/26/2013 1605
4-Methyl-2-pentanone	100	84		1	84	60-134	08/26/2013 1605
Methylcyclohexane	50	43		1	86	41-144	08/26/2013 1605
Methylene chloride	50	49		1	98	70-130	08/26/2013 1605
Styrene	50	48		1	96	54-136	08/26/2013 1605
1,1,2,2-Tetrachloroethane	50	43		1	86	69-132	08/26/2013 1605
Tetrachloroethene	50	42		1	84	45-150	08/26/2013 1605
Toluene	50	44		1	89	61-129	08/26/2013 1605
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	92	49-136	08/26/2013 1605
1,2,4-Trichlorobenzene	50	35		1	70	34-145	08/26/2013 1605
1,1,2-Trichloroethane	50	44		1	89	55-128	08/26/2013 1605
1,1,1-Trichloroethane	50	48		1	96	63-128	08/26/2013 1605

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28069-002

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	43		1	85	62-126	08/26/2013 1605
Trichlorofluoromethane	50	47		1	94	45-138	08/26/2013 1605
Vinyl chloride	50	60		1	119	42-132	08/26/2013 1605
Xylenes (total)	100	94		1	94	58-128	08/26/2013 1605
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		97	47-138				
1,2-Dichloroethane-d4		94	53-142				
Toluene-d8		98	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28069-003

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	107	4.6	60-140	20	08/26/2013 1629
Benzene	50	43		1	87	3.6	69-123	20	08/26/2013 1629
Bromodichloromethane	50	47		1	94	4.6	69-121	20	08/26/2013 1629
Bromoform	50	45		1	90	0.89	61-119	20	08/26/2013 1629
Bromomethane (Methyl bromide)	50	51		1	102	1.3	10-168	20	08/26/2013 1629
2-Butanone (MEK)	100	96		1	96	7.2	57-148	20	08/26/2013 1629
Carbon disulfide	50	42		1	83	3.2	58-122	20	08/26/2013 1629
Carbon tetrachloride	50	44		1	89	1.9	58-136	20	08/26/2013 1629
Chlorobenzene	50	44		1	88	1.3	59-129	20	08/26/2013 1629
Chloroethane	50	53		1	107	4.4	42-163	20	08/26/2013 1629
Chloroform	50	47		1	94	3.6	71-125	20	08/26/2013 1629
Chloromethane (Methyl chloride)	50	52		1	105	4.6	34-134	20	08/26/2013 1629
Cyclohexane	50	46		1	92	0.40	53-139	20	08/26/2013 1629
1,2-Dibromo-3-chloropropane (DBCP)	50	44		1	88	12	55-125	20	08/26/2013 1629
Dibromochloromethane	50	44		1	87	6.3	66-119	20	08/26/2013 1629
1,2-Dibromoethane (EDB)	50	46		1	92	6.0	74-124	20	08/26/2013 1629
1,2-Dichlorobenzene	50	42		1	85	3.6	57-131	20	08/26/2013 1629
1,3-Dichlorobenzene	50	44		1	88	1.7	51-134	20	08/26/2013 1629
1,4-Dichlorobenzene	50	44		1	89	9.2	52-133	20	08/26/2013 1629
Dichlorodifluoromethane	50	43		1	87	1.4	10-157	20	08/26/2013 1629
1,1-Dichloroethane	50	46		1	92	1.5	71-127	20	08/26/2013 1629
1,2-Dichloroethane	50	49		1	98	0.72	67-129	20	08/26/2013 1629
1,1-Dichloroethene	50	45		1	89	4.2	69-138	20	08/26/2013 1629
cis-1,2-Dichloroethene	50	47		1	94	4.2	70-122	20	08/26/2013 1629
trans-1,2-Dichloroethene	50	46		1	91	1.0	68-131	20	08/26/2013 1629
1,2-Dichloropropane	50	44		1	87	3.7	72-124	20	08/26/2013 1629
cis-1,3-Dichloropropene	50	44		1	88	2.7	70-126	20	08/26/2013 1629
trans-1,3-Dichloropropene	50	46		1	91	2.0	70-124	20	08/26/2013 1629
Ethylbenzene	50	45		1	90	0.81	59-128	20	08/26/2013 1629
2-Hexanone	100	95		1	95	7.8	54-137	20	08/26/2013 1629
Isopropylbenzene	50	44		1	88	3.7	50-136	20	08/26/2013 1629
Methyl acetate	50	50		1	101	3.8	59-137	20	08/26/2013 1629
Methyl tertiary butyl ether (MTBE)	50	49		1	99	2.7	70-130	20	08/26/2013 1629
4-Methyl-2-pentanone	100	100		1	100	17	60-134	20	08/26/2013 1629
Methylcyclohexane	50	44		1	87	0.98	41-144	20	08/26/2013 1629
Methylene chloride	50	49		1	99	0.97	70-130	20	08/26/2013 1629
Styrene	50	45		1	89	7.1	54-136	20	08/26/2013 1629
1,1,2,2-Tetrachloroethane	50	48		1	96	11	69-132	20	08/26/2013 1629
Tetrachloroethene	50	41		1	82	1.8	45-150	20	08/26/2013 1629
Toluene	50	45		1	91	2.6	61-129	20	08/26/2013 1629
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	93	0.94	49-136	20	08/26/2013 1629
1,2,4-Trichlorobenzene	50	38		1	76	8.9	34-145	20	08/26/2013 1629
1,1,2-Trichloroethane	50	46		1	92	3.8	55-128	20	08/26/2013 1629
1,1,1-Trichloroethane	50	47		1	95	1.7	63-128	20	08/26/2013 1629

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28069-003

Matrix: Solid

Batch: 28069

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	42		1	85	0.30	62-126	20	08/26/2013 1629
Trichlorofluoromethane	50	48		1	96	1.3	45-138	20	08/26/2013 1629
Vinyl chloride	50	58		1	115	3.6	42-132	20	08/26/2013 1629
Xylenes (total)	100	91		1	91	3.5	58-128	20	08/26/2013 1629
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		89	47-138						
1,2-Dichloroethane-d4		84	53-142						
Toluene-d8		88	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28087-001

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		50	1000	340	ug/kg	08/26/2013 2221
Benzene	ND		50	250	55	ug/kg	08/26/2013 2221
Bromodichloromethane	ND		50	250	85	ug/kg	08/26/2013 2221
Bromoform	ND		50	250	35	ug/kg	08/26/2013 2221
Bromomethane (Methyl bromide)	ND		50	250	90	ug/kg	08/26/2013 2221
2-Butanone (MEK)	ND		50	500	120	ug/kg	08/26/2013 2221
Carbon disulfide	ND		50	250	65	ug/kg	08/26/2013 2221
Carbon tetrachloride	ND		50	250	90	ug/kg	08/26/2013 2221
Chlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
Chloroethane	ND		50	250	65	ug/kg	08/26/2013 2221
Chloroform	ND		50	250	42	ug/kg	08/26/2013 2221
Chloromethane (Methyl chloride)	ND		50	250	50	ug/kg	08/26/2013 2221
Cyclohexane	ND		50	250	34	ug/kg	08/26/2013 2221
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	250	75	ug/kg	08/26/2013 2221
Dibromochloromethane	ND		50	250	85	ug/kg	08/26/2013 2221
1,2-Dibromoethane (EDB)	ND		50	250	43	ug/kg	08/26/2013 2221
1,2-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,4-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,3-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
Dichlorodifluoromethane	ND		50	250	80	ug/kg	08/26/2013 2221
1,2-Dichloroethane	ND		50	250	50	ug/kg	08/26/2013 2221
1,1-Dichloroethane	ND		50	250	37	ug/kg	08/26/2013 2221
1,1-Dichloroethene	ND		50	250	85	ug/kg	08/26/2013 2221
cis-1,2-Dichloroethene	ND		50	250	38	ug/kg	08/26/2013 2221
trans-1,2-Dichloroethene	ND		50	250	75	ug/kg	08/26/2013 2221
1,2-Dichloropropane	ND		50	250	46	ug/kg	08/26/2013 2221
trans-1,3-Dichloropropene	ND		50	250	41	ug/kg	08/26/2013 2221
cis-1,3-Dichloropropene	ND		50	250	34	ug/kg	08/26/2013 2221
Ethylbenzene	ND		50	250	85	ug/kg	08/26/2013 2221
2-Hexanone	ND		50	500	65	ug/kg	08/26/2013 2221
Isopropylbenzene	ND		50	250	12	ug/kg	08/26/2013 2221
Methyl acetate	ND		50	250	49	ug/kg	08/26/2013 2221
Methyl tertiary butyl ether (MTBE)	ND		50	250	20	ug/kg	08/26/2013 2221
4-Methyl-2-pentanone	ND		50	500	75	ug/kg	08/26/2013 2221
Methylcyclohexane	ND		50	250	21	ug/kg	08/26/2013 2221
Methylene chloride	ND		50	250	130	ug/kg	08/26/2013 2221
Styrene	ND		50	250	55	ug/kg	08/26/2013 2221
1,1,2,2-Tetrachloroethane	ND		50	250	24	ug/kg	08/26/2013 2221
Tetrachloroethene	ND		50	250	25	ug/kg	08/26/2013 2221
Toluene	ND		50	250	85	ug/kg	08/26/2013 2221
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		50	250	32	ug/kg	08/26/2013 2221
1,2,4-Trichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,1,1-Trichloroethane	ND		50	250	43	ug/kg	08/26/2013 2221
1,1,2-Trichloroethane	ND		50	250	40	ug/kg	08/26/2013 2221

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28087-001

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		50	250	95	ug/kg	08/26/2013 2221
Trichlorofluoromethane	ND		50	250	75	ug/kg	08/26/2013 2221
Vinyl chloride	ND		50	250	43	ug/kg	08/26/2013 2221
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		102	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28087-002

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	5000	4000		50	79	60-140	08/26/2013 2245
Benzene	2500	2600		50	103	69-123	08/26/2013 2245
Bromodichloromethane	2500	2500		50	100	69-121	08/26/2013 2245
Bromoform	2500	2400		50	98	61-119	08/26/2013 2245
Bromomethane (Methyl bromide)	2500	2000		50	81	10-168	08/26/2013 2245
2-Butanone (MEK)	5000	4400		50	88	57-148	08/26/2013 2245
Carbon disulfide	2500	2400		50	95	58-122	08/26/2013 2245
Carbon tetrachloride	2500	2600		50	103	58-136	08/26/2013 2245
Chlorobenzene	2500	2500		50	102	59-129	08/26/2013 2245
Chloroethane	2500	2100		50	85	42-163	08/26/2013 2245
Chloroform	2500	2500		50	101	71-125	08/26/2013 2245
Chloromethane (Methyl chloride)	2500	2700		50	110	34-134	08/26/2013 2245
Cyclohexane	2500	2900		50	116	53-139	08/26/2013 2245
1,2-Dibromo-3-chloropropane (DBCP)	2500	1900		50	76	55-125	08/26/2013 2245
Dibromochloromethane	2500	2500		50	98	66-119	08/26/2013 2245
1,2-Dibromoethane (EDB)	2500	2600		50	102	74-124	08/26/2013 2245
1,2-Dichlorobenzene	2500	2300		50	92	57-131	08/26/2013 2245
1,4-Dichlorobenzene	2500	2400		50	94	52-133	08/26/2013 2245
1,3-Dichlorobenzene	2500	2500		50	99	51-134	08/26/2013 2245
Dichlorodifluoromethane	2500	2000		50	78	10-157	08/26/2013 2245
1,2-Dichloroethane	2500	2600		50	102	67-129	08/26/2013 2245
1,1-Dichloroethane	2500	2700		50	106	71-127	08/26/2013 2245
1,1-Dichloroethene	2500	2700		50	106	69-138	08/26/2013 2245
cis-1,2-Dichloroethene	2500	2600		50	104	70-122	08/26/2013 2245
trans-1,2-Dichloroethene	2500	2600		50	104	68-131	08/26/2013 2245
1,2-Dichloropropane	2500	2500		50	99	72-124	08/26/2013 2245
trans-1,3-Dichloropropene	2500	2600		50	102	70-124	08/26/2013 2245
cis-1,3-Dichloropropene	2500	2600		50	103	70-126	08/26/2013 2245
Ethylbenzene	2500	2600		50	105	59-128	08/26/2013 2245
2-Hexanone	5000	4800		50	96	54-137	08/26/2013 2245
Isopropylbenzene	2500	2800		50	112	50-136	08/26/2013 2245
Methyl acetate	2500	2500		50	101	59-137	08/26/2013 2245
Methyl tertiary butyl ether (MTBE)	2500	3000		50	121	70-130	08/26/2013 2245
4-Methyl-2-pentanone	5000	4500		50	90	60-134	08/26/2013 2245
Methylcyclohexane	2500	2800		50	111	41-144	08/26/2013 2245
Methylene chloride	2500	2800		50	112	70-130	08/26/2013 2245
Styrene	2500	2600		50	103	54-136	08/26/2013 2245
1,1,2,2-Tetrachloroethane	2500	2400		50	96	69-132	08/26/2013 2245
Tetrachloroethene	2500	2600		50	105	45-150	08/26/2013 2245
Toluene	2500	2500		50	100	61-129	08/26/2013 2245
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2900		50	115	49-136	08/26/2013 2245
1,2,4-Trichlorobenzene	2500	2000		50	81	34-145	08/26/2013 2245
1,1,1-Trichloroethane	2500	2700		50	108	63-128	08/26/2013 2245
1,1,2-Trichloroethane	2500	2500		50	99	55-128	08/26/2013 2245

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28087-002

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	2500	2700		50	107	62-126	08/26/2013 2245
Trichlorofluoromethane	2500	2900		50	117	45-138	08/26/2013 2245
Vinyl chloride	2500	3100		50	125	42-132	08/26/2013 2245
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		100	53-142				
Toluene-d8		101	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28087-003

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	5000	5600	+	50	113	35	60-140	20	08/26/2013 2308
Benzene	2500	2600		50	104	1.6	69-123	20	08/26/2013 2308
Bromodichloromethane	2500	2500		50	100	0.47	69-121	20	08/26/2013 2308
Bromoform	2500	2400		50	97	0.54	61-119	20	08/26/2013 2308
Bromomethane (Methyl bromide)	2500	1900		50	76	6.4	10-168	20	08/26/2013 2308
2-Butanone (MEK)	5000	5000		50	101	13	57-148	20	08/26/2013 2308
Carbon disulfide	2500	2500		50	98	3.4	58-122	20	08/26/2013 2308
Carbon tetrachloride	2500	2600		50	104	0.99	58-136	20	08/26/2013 2308
Chlorobenzene	2500	2500		50	98	3.1	59-129	20	08/26/2013 2308
Chloroethane	2500	2100		50	84	0.43	42-163	20	08/26/2013 2308
Chloroform	2500	2500		50	101	0.38	71-125	20	08/26/2013 2308
Chloromethane (Methyl chloride)	2500	2800		50	113	2.6	34-134	20	08/26/2013 2308
Cyclohexane	2500	2900		50	115	1.1	53-139	20	08/26/2013 2308
1,2-Dibromo-3-chloropropane (DBCP)	2500	2300		50	92	19	55-125	20	08/26/2013 2308
Dibromochloromethane	2500	2400		50	95	3.7	66-119	20	08/26/2013 2308
1,2-Dibromoethane (EDB)	2500	2500		50	99	3.2	74-124	20	08/26/2013 2308
1,2-Dichlorobenzene	2500	2500		50	99	6.8	57-131	20	08/26/2013 2308
1,4-Dichlorobenzene	2500	2500		50	99	4.6	52-133	20	08/26/2013 2308
1,3-Dichlorobenzene	2500	2500		50	100	1.0	51-134	20	08/26/2013 2308
Dichlorodifluoromethane	2500	2000		50	82	4.1	10-157	20	08/26/2013 2308
1,2-Dichloroethane	2500	2600		50	103	1.0	67-129	20	08/26/2013 2308
1,1-Dichloroethane	2500	2600		50	105	1.2	71-127	20	08/26/2013 2308
1,1-Dichloroethene	2500	2700		50	107	1.1	69-138	20	08/26/2013 2308
cis-1,2-Dichloroethene	2500	2700		50	107	2.8	70-122	20	08/26/2013 2308
trans-1,2-Dichloroethene	2500	2700		50	107	3.1	68-131	20	08/26/2013 2308
1,2-Dichloropropane	2500	2500		50	101	1.4	72-124	20	08/26/2013 2308
trans-1,3-Dichloropropene	2500	2400		50	97	4.7	70-124	20	08/26/2013 2308
cis-1,3-Dichloropropene	2500	2600		50	102	1.0	70-126	20	08/26/2013 2308
Ethylbenzene	2500	2600		50	104	1.4	59-128	20	08/26/2013 2308
2-Hexanone	5000	5200		50	104	8.0	54-137	20	08/26/2013 2308
Isopropylbenzene	2500	2800		50	114	1.7	50-136	20	08/26/2013 2308
Methyl acetate	2500	2900		50	116	13	59-137	20	08/26/2013 2308
Methyl tertiary butyl ether (MTBE)	2500	3200		50	128	5.6	70-130	20	08/26/2013 2308
4-Methyl-2-pentanone	5000	5300		50	105	15	60-134	20	08/26/2013 2308
Methylcyclohexane	2500	2900		50	115	4.2	41-144	20	08/26/2013 2308
Methylene chloride	2500	2800		50	112	0.78	70-130	20	08/26/2013 2308
Styrene	2500	2500		50	101	2.2	54-136	20	08/26/2013 2308
1,1,2,2-Tetrachloroethane	2500	2600		50	105	9.1	69-132	20	08/26/2013 2308
Tetrachloroethene	2500	2700		50	106	0.98	45-150	20	08/26/2013 2308
Toluene	2500	2500		50	100	0.065	61-129	20	08/26/2013 2308
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2900		50	118	2.0	49-136	20	08/26/2013 2308
1,2,4-Trichlorobenzene	2500	2000		50	81	0.41	34-145	20	08/26/2013 2308
1,1,1-Trichloroethane	2500	2700		50	110	0.96	63-128	20	08/26/2013 2308
1,1,2-Trichloroethane	2500	2400		50	95	4.5	55-128	20	08/26/2013 2308

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28087-003

Matrix: Solid

Batch: 28087

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	2500	2700		50	109	2.4	62-126	20	08/26/2013 2308
Trichlorofluoromethane	2500	3000		50	118	1.1	45-138	20	08/26/2013 2308
Vinyl chloride	2500	3200		50	130	4.0	42-132	20	08/26/2013 2308
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		89	47-138						
1,2-Dichloroethane-d4		94	53-142						
Toluene-d8		93	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28157-001

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/27/2013 1130
Benzene	ND		1	5.0	1.1	ug/kg	08/27/2013 1130
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Bromoform	ND		1	5.0	0.70	ug/kg	08/27/2013 1130
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/27/2013 1130
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/27/2013 1130
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/27/2013 1130
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/27/2013 1130
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Chloroethane	ND		1	5.0	1.3	ug/kg	08/27/2013 1130
Chloroform	ND		1	5.0	0.83	ug/kg	08/27/2013 1130
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/27/2013 1130
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/27/2013 1130
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/27/2013 1130
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/27/2013 1130
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/27/2013 1130
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/27/2013 1130
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/27/2013 1130
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/27/2013 1130
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/27/2013 1130
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/27/2013 1130
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
2-Hexanone	ND		1	10	1.3	ug/kg	08/27/2013 1130
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/27/2013 1130
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/27/2013 1130
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/27/2013 1130
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/27/2013 1130
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/27/2013 1130
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/27/2013 1130
Styrene	ND		1	5.0	1.1	ug/kg	08/27/2013 1130
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/27/2013 1130
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/27/2013 1130
Toluene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/27/2013 1130
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/27/2013 1130
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/27/2013 1130

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28157-001

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/27/2013 1130
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/27/2013 1130
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	47-138				
1,2-Dichloroethane-d4		92	53-142				
Toluene-d8		92	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28157-002

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	103	60-140	08/27/2013 0956
Benzene	50	39		1	78	69-123	08/27/2013 0956
Bromodichloromethane	50	39		1	79	69-121	08/27/2013 0956
Bromoform	50	43		1	85	61-119	08/27/2013 0956
Bromomethane (Methyl bromide)	50	44		1	87	10-168	08/27/2013 0956
2-Butanone (MEK)	100	90		1	90	57-148	08/27/2013 0956
Carbon disulfide	50	39		1	78	58-122	08/27/2013 0956
Carbon tetrachloride	50	40		1	79	58-136	08/27/2013 0956
Chlorobenzene	50	39		1	79	59-129	08/27/2013 0956
Chloroethane	50	49		1	97	42-163	08/27/2013 0956
Chloroform	50	41		1	81	71-125	08/27/2013 0956
Chloromethane (Methyl chloride)	50	48		1	96	34-134	08/27/2013 0956
Cyclohexane	50	40		1	80	53-139	08/27/2013 0956
1,2-Dibromo-3-chloropropane (DBCP)	50	37		1	74	55-125	08/27/2013 0956
Dibromochloromethane	50	40		1	80	66-119	08/27/2013 0956
1,2-Dibromoethane (EDB)	50	42		1	84	74-124	08/27/2013 0956
1,4-Dichlorobenzene	50	37		1	74	52-133	08/27/2013 0956
1,3-Dichlorobenzene	50	40		1	80	51-134	08/27/2013 0956
1,2-Dichlorobenzene	50	39		1	78	57-131	08/27/2013 0956
Dichlorodifluoromethane	50	46		1	91	10-157	08/27/2013 0956
1,2-Dichloroethane	50	42		1	84	67-129	08/27/2013 0956
1,1-Dichloroethane	50	41		1	81	71-127	08/27/2013 0956
trans-1,2-Dichloroethene	50	41		1	82	68-131	08/27/2013 0956
cis-1,2-Dichloroethene	50	41		1	82	70-122	08/27/2013 0956
1,1-Dichloroethene	50	40		1	80	69-138	08/27/2013 0956
1,2-Dichloropropane	50	38		1	76	72-124	08/27/2013 0956
trans-1,3-Dichloropropene	50	40		1	80	70-124	08/27/2013 0956
cis-1,3-Dichloropropene	50	40		1	81	70-126	08/27/2013 0956
Ethylbenzene	50	39		1	78	59-128	08/27/2013 0956
2-Hexanone	100	88		1	88	54-137	08/27/2013 0956
Isopropylbenzene	50	41		1	83	50-136	08/27/2013 0956
Methyl acetate	50	45		1	90	59-137	08/27/2013 0956
Methyl tertiary butyl ether (MTBE)	50	47		1	95	70-130	08/27/2013 0956
4-Methyl-2-pentanone	100	87		1	87	60-134	08/27/2013 0956
Methylcyclohexane	50	40		1	79	41-144	08/27/2013 0956
Methylene chloride	50	45		1	89	70-130	08/27/2013 0956
Styrene	50	40		1	81	54-136	08/27/2013 0956
1,1,2,2-Tetrachloroethane	50	43		1	86	69-132	08/27/2013 0956
Tetrachloroethene	50	39		1	79	45-150	08/27/2013 0956
Toluene	50	38		1	75	61-129	08/27/2013 0956
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	43		1	85	49-136	08/27/2013 0956
1,2,4-Trichlorobenzene	50	33		1	67	34-145	08/27/2013 0956
1,1,2-Trichloroethane	50	40		1	80	55-128	08/27/2013 0956
1,1,1-Trichloroethane	50	42		1	85	63-128	08/27/2013 0956

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28157-002

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	41		1	82	62-126	08/27/2013 0956
Trichlorofluoromethane	50	45		1	90	45-138	08/27/2013 0956
Vinyl chloride	50	52		1	104	42-132	08/27/2013 0956
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		84	47-138				
1,2-Dichloroethane-d4		82	53-142				
Toluene-d8		84	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28157-003

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	99		1	99	3.6	60-140	20	08/27/2013 1020
Benzene	50	39		1	77	1.2	69-123	20	08/27/2013 1020
Bromodichloromethane	50	39		1	78	1.4	69-121	20	08/27/2013 1020
Bromoform	50	43		1	85	0.41	61-119	20	08/27/2013 1020
Bromomethane (Methyl bromide)	50	39		1	79	10	10-168	20	08/27/2013 1020
2-Butanone (MEK)	100	83		1	83	7.6	57-148	20	08/27/2013 1020
Carbon disulfide	50	35		1	70	10	58-122	20	08/27/2013 1020
Carbon tetrachloride	50	37		1	75	5.5	58-136	20	08/27/2013 1020
Chlorobenzene	50	38		1	75	4.4	59-129	20	08/27/2013 1020
Chloroethane	50	44		1	88	10	42-163	20	08/27/2013 1020
Chloroform	50	38		1	76	6.7	71-125	20	08/27/2013 1020
Chloromethane (Methyl chloride)	50	44		1	88	8.7	34-134	20	08/27/2013 1020
Cyclohexane	50	38		1	77	4.5	53-139	20	08/27/2013 1020
1,2-Dibromo-3-chloropropane (DBCP)	50	36		1	73	1.5	55-125	20	08/27/2013 1020
Dibromochloromethane	50	41		1	81	0.83	66-119	20	08/27/2013 1020
1,2-Dibromoethane (EDB)	50	42		1	83	0.49	74-124	20	08/27/2013 1020
1,4-Dichlorobenzene	50	39		1	79	5.6	52-133	20	08/27/2013 1020
1,3-Dichlorobenzene	50	38		1	77	4.3	51-134	20	08/27/2013 1020
1,2-Dichlorobenzene	50	37		1	75	4.3	57-131	20	08/27/2013 1020
Dichlorodifluoromethane	50	42		1	83	9.2	10-157	20	08/27/2013 1020
1,2-Dichloroethane	50	40		1	80	4.8	67-129	20	08/27/2013 1020
1,1-Dichloroethane	50	37		1	75	8.6	71-127	20	08/27/2013 1020
trans-1,2-Dichloroethene	50	38		1	76	8.3	68-131	20	08/27/2013 1020
cis-1,2-Dichloroethene	50	38		1	77	6.3	70-122	20	08/27/2013 1020
1,1-Dichloroethene	50	38		1	76	4.7	69-138	20	08/27/2013 1020
1,2-Dichloropropane	50	39		1	78	2.2	72-124	20	08/27/2013 1020
trans-1,3-Dichloropropene	50	40		1	81	0.65	70-124	20	08/27/2013 1020
cis-1,3-Dichloropropene	50	40		1	81	0.33	70-126	20	08/27/2013 1020
Ethylbenzene	50	39		1	78	0.54	59-128	20	08/27/2013 1020
2-Hexanone	100	91		1	91	4.1	54-137	20	08/27/2013 1020
Isopropylbenzene	50	41		1	83	0.015	50-136	20	08/27/2013 1020
Methyl acetate	50	42		1	84	7.9	59-137	20	08/27/2013 1020
Methyl tertiary butyl ether (MTBE)	50	45		1	89	6.3	70-130	20	08/27/2013 1020
4-Methyl-2-pentanone	100	88		1	88	0.94	60-134	20	08/27/2013 1020
Methylcyclohexane	50	39		1	78	1.9	41-144	20	08/27/2013 1020
Methylene chloride	50	42		1	83	6.9	70-130	20	08/27/2013 1020
Styrene	50	39		1	77	3.9	54-136	20	08/27/2013 1020
1,1,2,2-Tetrachloroethane	50	42		1	84	1.6	69-132	20	08/27/2013 1020
Tetrachloroethene	50	38		1	77	2.3	45-150	20	08/27/2013 1020
Toluene	50	37		1	74	1.4	61-129	20	08/27/2013 1020
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	39		1	77	10	49-136	20	08/27/2013 1020
1,2,4-Trichlorobenzene	50	32		1	63	5.1	34-145	20	08/27/2013 1020
1,1,2-Trichloroethane	50	41		1	81	1.4	55-128	20	08/27/2013 1020
1,1,1-Trichloroethane	50	38		1	77	9.9	63-128	20	08/27/2013 1020

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28157-003

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	39		1	79	3.4	62-126	20	08/27/2013 1020
Trichlorofluoromethane	50	41		1	81	10	45-138	20	08/27/2013 1020
Vinyl chloride	50	47		1	94	10	42-132	20	08/27/2013 1020
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		94	47-138						
1,2-Dichloroethane-d4		92	53-142						
Toluene-d8		95	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28158-001

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		50	1000	340	ug/kg	08/26/2013 2221
Benzene	ND		50	250	55	ug/kg	08/26/2013 2221
Bromodichloromethane	ND		50	250	85	ug/kg	08/26/2013 2221
Bromoform	ND		50	250	35	ug/kg	08/26/2013 2221
Bromomethane (Methyl bromide)	ND		50	250	90	ug/kg	08/26/2013 2221
2-Butanone (MEK)	ND		50	500	120	ug/kg	08/26/2013 2221
Carbon disulfide	ND		50	250	65	ug/kg	08/26/2013 2221
Carbon tetrachloride	ND		50	250	90	ug/kg	08/26/2013 2221
Chlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
Chloroethane	ND		50	250	65	ug/kg	08/26/2013 2221
Chloroform	ND		50	250	42	ug/kg	08/26/2013 2221
Chloromethane (Methyl chloride)	ND		50	250	50	ug/kg	08/26/2013 2221
Cyclohexane	ND		50	250	34	ug/kg	08/26/2013 2221
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	250	75	ug/kg	08/26/2013 2221
Dibromochloromethane	ND		50	250	85	ug/kg	08/26/2013 2221
1,2-Dibromoethane (EDB)	ND		50	250	43	ug/kg	08/26/2013 2221
1,4-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,3-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,2-Dichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
Dichlorodifluoromethane	ND		50	250	80	ug/kg	08/26/2013 2221
1,2-Dichloroethane	ND		50	250	50	ug/kg	08/26/2013 2221
1,1-Dichloroethane	ND		50	250	37	ug/kg	08/26/2013 2221
trans-1,2-Dichloroethene	ND		50	250	75	ug/kg	08/26/2013 2221
cis-1,2-Dichloroethene	ND		50	250	38	ug/kg	08/26/2013 2221
1,1-Dichloroethene	ND		50	250	85	ug/kg	08/26/2013 2221
1,2-Dichloropropane	ND		50	250	46	ug/kg	08/26/2013 2221
trans-1,3-Dichloropropene	ND		50	250	41	ug/kg	08/26/2013 2221
cis-1,3-Dichloropropene	ND		50	250	34	ug/kg	08/26/2013 2221
Ethylbenzene	ND		50	250	85	ug/kg	08/26/2013 2221
2-Hexanone	ND		50	500	65	ug/kg	08/26/2013 2221
Isopropylbenzene	ND		50	250	12	ug/kg	08/26/2013 2221
Methyl acetate	ND		50	250	49	ug/kg	08/26/2013 2221
Methyl tertiary butyl ether (MTBE)	ND		50	250	20	ug/kg	08/26/2013 2221
4-Methyl-2-pentanone	ND		50	500	75	ug/kg	08/26/2013 2221
Methylcyclohexane	ND		50	250	21	ug/kg	08/26/2013 2221
Methylene chloride	ND		50	250	130	ug/kg	08/26/2013 2221
Styrene	ND		50	250	55	ug/kg	08/26/2013 2221
1,1,2,2-Tetrachloroethane	ND		50	250	24	ug/kg	08/26/2013 2221
Tetrachloroethene	ND		50	250	25	ug/kg	08/26/2013 2221
Toluene	ND		50	250	85	ug/kg	08/26/2013 2221
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		50	250	32	ug/kg	08/26/2013 2221
1,2,4-Trichlorobenzene	ND		50	250	85	ug/kg	08/26/2013 2221
1,1,2-Trichloroethane	ND		50	250	40	ug/kg	08/26/2013 2221
1,1,1-Trichloroethane	ND		50	250	43	ug/kg	08/26/2013 2221

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28158-001

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		50	250	95	ug/kg	08/26/2013 2221
Trichlorofluoromethane	ND		50	250	75	ug/kg	08/26/2013 2221
Vinyl chloride	ND		50	250	43	ug/kg	08/26/2013 2221
Xylenes (total)	ND		50	250	150	ug/kg	08/26/2013 2221
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		102	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28158-002

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	5000	4000		50	79	60-140	08/26/2013 2245
Benzene	2500	2600		50	103	69-123	08/26/2013 2245
Bromodichloromethane	2500	2500		50	100	69-121	08/26/2013 2245
Bromoform	2500	2400		50	98	61-119	08/26/2013 2245
Bromomethane (Methyl bromide)	2500	2000		50	81	10-168	08/26/2013 2245
2-Butanone (MEK)	5000	4400		50	88	57-148	08/26/2013 2245
Carbon disulfide	2500	2400		50	95	58-122	08/26/2013 2245
Carbon tetrachloride	2500	2600		50	103	58-136	08/26/2013 2245
Chlorobenzene	2500	2500		50	102	59-129	08/26/2013 2245
Chloroethane	2500	2100		50	85	42-163	08/26/2013 2245
Chloroform	2500	2500		50	101	71-125	08/26/2013 2245
Chloromethane (Methyl chloride)	2500	2700		50	110	34-134	08/26/2013 2245
Cyclohexane	2500	2900		50	116	53-139	08/26/2013 2245
1,2-Dibromo-3-chloropropane (DBCP)	2500	1900		50	76	55-125	08/26/2013 2245
Dibromochloromethane	2500	2500		50	98	66-119	08/26/2013 2245
1,2-Dibromoethane (EDB)	2500	2600		50	102	74-124	08/26/2013 2245
1,4-Dichlorobenzene	2500	2400		50	94	52-133	08/26/2013 2245
1,3-Dichlorobenzene	2500	2500		50	99	51-134	08/26/2013 2245
1,2-Dichlorobenzene	2500	2300		50	92	57-131	08/26/2013 2245
Dichlorodifluoromethane	2500	2000		50	78	10-157	08/26/2013 2245
1,2-Dichloroethane	2500	2600		50	102	67-129	08/26/2013 2245
1,1-Dichloroethane	2500	2700		50	106	71-127	08/26/2013 2245
trans-1,2-Dichloroethene	2500	2600		50	104	68-131	08/26/2013 2245
cis-1,2-Dichloroethene	2500	2600		50	104	70-122	08/26/2013 2245
1,1-Dichloroethene	2500	2700		50	106	69-138	08/26/2013 2245
1,2-Dichloropropane	2500	2500		50	99	72-124	08/26/2013 2245
trans-1,3-Dichloropropene	2500	2600		50	102	70-124	08/26/2013 2245
cis-1,3-Dichloropropene	2500	2600		50	103	70-126	08/26/2013 2245
Ethylbenzene	2500	2600		50	105	59-128	08/26/2013 2245
2-Hexanone	5000	4800		50	96	54-137	08/26/2013 2245
Isopropylbenzene	2500	2800		50	112	50-136	08/26/2013 2245
Methyl acetate	2500	2500		50	101	59-137	08/26/2013 2245
Methyl tertiary butyl ether (MTBE)	2500	3000		50	121	70-130	08/26/2013 2245
4-Methyl-2-pentanone	5000	4500		50	90	60-134	08/26/2013 2245
Methylcyclohexane	2500	2800		50	111	41-144	08/26/2013 2245
Methylene chloride	2500	2800		50	112	70-130	08/26/2013 2245
Styrene	2500	2600		50	103	54-136	08/26/2013 2245
1,1,2,2-Tetrachloroethane	2500	2400		50	96	69-132	08/26/2013 2245
Tetrachloroethene	2500	2600		50	105	45-150	08/26/2013 2245
Toluene	2500	2500		50	100	61-129	08/26/2013 2245
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2900		50	115	49-136	08/26/2013 2245
1,2,4-Trichlorobenzene	2500	2000		50	81	34-145	08/26/2013 2245
1,1,2-Trichloroethane	2500	2500		50	99	55-128	08/26/2013 2245
1,1,1-Trichloroethane	2500	2700		50	108	63-128	08/26/2013 2245

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28158-002

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	2500	2700		50	107	62-126	08/26/2013 2245
Trichlorofluoromethane	2500	2900		50	117	45-138	08/26/2013 2245
Vinyl chloride	2500	3100		50	125	42-132	08/26/2013 2245
Xylenes (total)	5000	5200		50	105	58-128	08/26/2013 2245
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		100	53-142				
Toluene-d8		101	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28158-003

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	5000	5600	+	50	113	35	60-140	20	08/26/2013 2308
Benzene	2500	2600		50	104	1.6	69-123	20	08/26/2013 2308
Bromodichloromethane	2500	2500		50	100	0.47	69-121	20	08/26/2013 2308
Bromoform	2500	2400		50	97	0.54	61-119	20	08/26/2013 2308
Bromomethane (Methyl bromide)	2500	1900		50	76	6.4	10-168	20	08/26/2013 2308
2-Butanone (MEK)	5000	5000		50	101	13	57-148	20	08/26/2013 2308
Carbon disulfide	2500	2500		50	98	3.4	58-122	20	08/26/2013 2308
Carbon tetrachloride	2500	2600		50	104	0.99	58-136	20	08/26/2013 2308
Chlorobenzene	2500	2500		50	98	3.1	59-129	20	08/26/2013 2308
Chloroethane	2500	2100		50	84	0.43	42-163	20	08/26/2013 2308
Chloroform	2500	2500		50	101	0.38	71-125	20	08/26/2013 2308
Chloromethane (Methyl chloride)	2500	2800		50	113	2.6	34-134	20	08/26/2013 2308
Cyclohexane	2500	2900		50	115	1.1	53-139	20	08/26/2013 2308
1,2-Dibromo-3-chloropropane (DBCP)	2500	2300		50	92	19	55-125	20	08/26/2013 2308
Dibromochloromethane	2500	2400		50	95	3.7	66-119	20	08/26/2013 2308
1,2-Dibromoethane (EDB)	2500	2500		50	99	3.2	74-124	20	08/26/2013 2308
1,4-Dichlorobenzene	2500	2500		50	99	4.6	52-133	20	08/26/2013 2308
1,3-Dichlorobenzene	2500	2500		50	100	1.0	51-134	20	08/26/2013 2308
1,2-Dichlorobenzene	2500	2500		50	99	6.8	57-131	20	08/26/2013 2308
Dichlorodifluoromethane	2500	2000		50	82	4.1	10-157	20	08/26/2013 2308
1,2-Dichloroethane	2500	2600		50	103	1.0	67-129	20	08/26/2013 2308
1,1-Dichloroethane	2500	2600		50	105	1.2	71-127	20	08/26/2013 2308
trans-1,2-Dichloroethene	2500	2700		50	107	3.1	68-131	20	08/26/2013 2308
cis-1,2-Dichloroethene	2500	2700		50	107	2.8	70-122	20	08/26/2013 2308
1,1-Dichloroethene	2500	2700		50	107	1.1	69-138	20	08/26/2013 2308
1,2-Dichloropropane	2500	2500		50	101	1.4	72-124	20	08/26/2013 2308
trans-1,3-Dichloropropene	2500	2400		50	97	4.7	70-124	20	08/26/2013 2308
cis-1,3-Dichloropropene	2500	2600		50	102	1.0	70-126	20	08/26/2013 2308
Ethylbenzene	2500	2600		50	104	1.4	59-128	20	08/26/2013 2308
2-Hexanone	5000	5200		50	104	8.0	54-137	20	08/26/2013 2308
Isopropylbenzene	2500	2800		50	114	1.7	50-136	20	08/26/2013 2308
Methyl acetate	2500	2900		50	116	13	59-137	20	08/26/2013 2308
Methyl tertiary butyl ether (MTBE)	2500	3200		50	128	5.6	70-130	20	08/26/2013 2308
4-Methyl-2-pentanone	5000	5300		50	105	15	60-134	20	08/26/2013 2308
Methylcyclohexane	2500	2900		50	115	4.2	41-144	20	08/26/2013 2308
Methylene chloride	2500	2800		50	112	0.78	70-130	20	08/26/2013 2308
Styrene	2500	2500		50	101	2.2	54-136	20	08/26/2013 2308
1,1,2,2-Tetrachloroethane	2500	2600		50	105	9.1	69-132	20	08/26/2013 2308
Tetrachloroethene	2500	2700		50	106	0.98	45-150	20	08/26/2013 2308
Toluene	2500	2500		50	100	0.065	61-129	20	08/26/2013 2308
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2900		50	118	2.0	49-136	20	08/26/2013 2308
1,2,4-Trichlorobenzene	2500	2000		50	81	0.41	34-145	20	08/26/2013 2308
1,1,2-Trichloroethane	2500	2400		50	95	4.5	55-128	20	08/26/2013 2308
1,1,1-Trichloroethane	2500	2700		50	110	0.96	63-128	20	08/26/2013 2308

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28158-003

Matrix: Solid

Batch: 28158

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	2500	2700		50	109	2.4	62-126	20	08/26/2013 2308
Trichlorofluoromethane	2500	3000		50	118	1.1	45-138	20	08/26/2013 2308
Vinyl chloride	2500	3200		50	130	4.0	42-132	20	08/26/2013 2308
Xylenes (total)	5000	5200		50	103	1.1	58-128	20	08/26/2013 2308
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		89	47-138						
1,2-Dichloroethane-d4		94	53-142						
Toluene-d8		93	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28285-001

Matrix: Solid

Batch: 28285

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Xylenes (total)	ND		50	250	150	ug/kg	08/26/2013 2221
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		102	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28285-002

Matrix: Solid

Batch: 28285

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Xylenes (total)	5000	5200		50	105	58-128	08/26/2013 2245
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		100	53-142				
Toluene-d8		101	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28285-003

Matrix: Solid

Batch: 28285

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Xylenes (total)	5000	5200		50	103	1.1	58-128	20	08/26/2013 2308
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		89	47-138						
1,2-Dichloroethane-d4		94	53-142						
Toluene-d8		93	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28376-001

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/30/2013 0032
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		96	47-138				
1,2-Dichloroethane-d4		92	53-142				
Toluene-d8		91	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28376-002

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Xylenes (total)	100	110		1	113	58-128	08/29/2013 2254
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		87	53-142				
Toluene-d8		96	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28376-003

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Xylenes (total)	100	100		1	100	12	58-128	20	08/29/2013 2321
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		88	47-138						
1,2-Dichloroethane-d4		83	53-142						
Toluene-d8		85	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33433

Client: **TRC** Report to Contact: **Dan Madison/Ferry Hertz** Sample (Printed Name): **Bill Medley** Quote No. _____
 Address: **30 Palmetto Dr** Telephone No. / Fax No. / Email: **864 281-0030** Waybill No. _____ Page _____
 City: **Greenville** State: **SC** Zip Code: **29615** Preservative: _____ Number of Containers: _____
 Project Name: **WPK - Clemson** 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Thio. _____ Botile (See Instructions on back): _____
 Project Number: _____ P.O Number: _____ Lot No. **0/122060**
 Sample ID / Description (Containers for each sample may be combined on one line): _____ Matrix: _____ Remarks / Cooler ID: _____

Project Number	Date	Time	Matrix				Analysis	QC Requirements (Specify)	Possible Hazard Identification	Date	Time
			G-Grab	C-Composite	GW	DW					
SB-121 (9-10)	8-21-13	1535	G				X			8/22/13	1428
SB-121 (29-30)	8-21-13	1540	G				X				
SB-120 (20-21)	8-21-13	1645	G				X				
SB-120 (26-27)	8-21-13	1650	G				X				
SB-119 (25-26)	8-22-13	0835	G				X				
SB-119 (27-28)	8-22-13	0840	G				X				
SB-118 (22-23)	8-22-13	0940	G				X				
SB-118 (27-28)	8-22-13	0945	G				X				
TBLK-13303											

Turn Around Time Required (Prior lab approval required for expedited TAT): _____
 Standard Rush (Please Specify) _____
 1. Relinquished by / Sampler: **Bill Medley** Date: **8/21/13** Time: **1725**
 2. Relinquished by: _____ Date: _____ Time: _____
 3. Relinquished by: _____ Date: _____ Time: _____
 4. Relinquished by: **Bill Medley** Date: **8/22/13** Time: **1655**
 Note: All samples are retained for six weeks from receipt unless other arrangements are made.
 LAB USE ONLY
 Received on box (Check) Yes No Ice Pack Yes No Blank Yes No
 Receipt Temp: **1-3** °C

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: ecc 8/22/13 Lot #: 0 H22064

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt: <u>22611.0°C</u> <u>1</u> °C <u>1</u> °C <u>1</u> °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC? <u>-014</u>
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/TEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH ₃ /TKN/cyanide/phenol			
Sample labels verified by: <u>[Signature]</u>		Date: <u>8/20/13</u>	
Corrective Action taken, if necessary:			
Was client notified: Yes <input type="checkbox"/> No <input type="checkbox"/>		Did client respond: Yes <input type="checkbox"/> No <input type="checkbox"/>	
SESI employee: _____		Date of response: _____	
Comments: <u>Soil kit vials for -014 were labeled SR-118 (22-23) but date/time of collection is matches -014 on COC.</u>			

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH - Clemson

Project Number: 205809.0000.0001

Lot Number: OH23067

Date Completed: 08/30/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH23067 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH23067

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blank – Three analytical method blanks. No target analytes detected in method blanks.

Trip Blank – TBLK-13304 clean.

LCS/LCSD – Three LCS/LCSD pairs were analyzed. Recoveries and RPDs are OK.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 9/3/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH23067

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH23067

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-114(20-21)	Solid	08/23/2013 0805	08/23/2013
002	SB-114(24-25)	Solid	08/23/2013 0810	08/23/2013
003	SB-113(9-10)	Solid	08/23/2013 0850	08/23/2013
004	SB-113(24-25)	Solid	08/23/2013 0855	08/23/2013
005	SB-112(9-10)	Solid	08/23/2013 0935	08/23/2013
006	SB-112(20-21)	Solid	08/23/2013 0940	08/23/2013
007	SB-123(7-8)	Solid	08/23/2013 1110	08/23/2013
008	SB-123(21-22)	Solid	08/23/2013 1115	08/23/2013
009	TBLK-13304	Aqueous	08/23/2013	08/23/2013
010	SB-124(16-17)	Solid	08/23/2013 1155	08/23/2013
011	SB-124(21-22)	Solid	08/23/2013 1200	08/23/2013
012	SB-125(18-19)	Solid	08/23/2013 1350	08/23/2013
013	SB-125(20-21)	Solid	08/23/2013 1355	08/23/2013

(13 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH23067

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-114(20-21)	Solid	Tetrachloroethene	8260B	13		ug/kg	5
002	SB-114(24-25)	Solid	Tetrachloroethene	8260B	100		ug/kg	7
003	SB-113(9-10)	Solid	Tetrachloroethene	8260B	0.79	J	ug/kg	9
004	SB-113(24-25)	Solid	Chloroform	8260B	1.4	J	ug/kg	11
004	SB-113(24-25)	Solid	Tetrachloroethene	8260B	140		ug/kg	11
005	SB-112(9-10)	Solid	Tetrachloroethene	8260B	1.1	J	ug/kg	13
006	SB-112(20-21)	Solid	Tetrachloroethene	8260B	8.6		ug/kg	15
007	SB-123(7-8)	Solid	Acetone	8260B	49		ug/kg	17
007	SB-123(7-8)	Solid	Tetrachloroethene	8260B	2.2	J	ug/kg	17
008	SB-123(21-22)	Solid	Tetrachloroethene	8260B	30		ug/kg	19
010	SB-124(16-17)	Solid	Tetrachloroethene	8260B	3.2	J	ug/kg	23
011	SB-124(21-22)	Solid	Chloroform	8260B	2.2	J	ug/kg	25
011	SB-124(21-22)	Solid	Tetrachloroethene	8260B	67		ug/kg	25
012	SB-125(18-19)	Solid	Tetrachloroethene	8260B	20		ug/kg	27
013	SB-125(20-21)	Solid	Tetrachloroethene	8260B	16		ug/kg	29

(15 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1352	AAC		28157	6.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	13		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1352	AAC		28157	6.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		82	53-142
Bromofluorobenzene		76	47-138
Toluene-d8		81	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1416	AAC		28157	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.2	ug/kg	1
Benzene	71-43-2	8260B	ND		6.1	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.1	0.86	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.1	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.1	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.1	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.93	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.83	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.1	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.1	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.1	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.1	0.50	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.1	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	100		6.1	0.61	ug/kg	1
Toluene	108-88-3	8260B	ND		6.1	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1416	AAC		28157	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	0.77	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.1	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.97	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.1	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.1	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142
Bromofluorobenzene		79	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1516	AAC		28283	6.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.65	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.79	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.71	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.85	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.79	J	4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1516	AAC		28283	6.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.79	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.80	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1540	AAC		28283	5.86

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		26	8.8	ug/kg	1
Benzene	71-43-2	8260B	ND		6.6	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.6	2.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.6	0.92	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.6	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.6	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.6	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.6	2.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.6	1.7	ug/kg	1
Chloroform	67-66-3	8260B	1.4	J	6.6	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.6	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.6	0.89	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.6	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.6	2.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.6	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.6	2.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.6	2.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.6	2.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.6	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.6	0.96	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.6	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.6	2.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.6	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.6	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.6	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.6	0.90	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.6	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.6	2.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.6	0.30	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.6	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.6	0.53	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.6	0.54	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.6	3.4	ug/kg	1
Styrene	100-42-5	8260B	ND		6.6	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.6	0.62	ug/kg	1
Tetrachloroethene	127-18-4	8260B	140		6.6	0.66	ug/kg	1
Toluene	108-88-3	8260B	ND		6.6	2.2	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1540	AAC		28283	5.86

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.6	0.83	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.6	2.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.6	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.6	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.6	2.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.6	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.6	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.6	3.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		94	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1603	AAC		28283	6.57
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.2	ug/kg	1
Benzene	71-43-2	8260B	ND		4.6	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.6	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.6	0.65	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.3	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.6	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.6	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.6	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.6	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.6	0.77	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	0.93	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.6	0.62	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.6	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	0.79	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	0.93	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	0.70	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	0.84	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	0.63	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	0.76	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.6	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.3	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.6	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.6	0.91	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.3	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.6	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.6	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.6	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.1	J	4.6	0.46	ug/kg	1
Toluene	108-88-3	8260B	ND		4.6	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1603	AAC		28283	6.57

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	0.58	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	0.79	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	0.73	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.6	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.6	0.80	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.6	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		94	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1626	AAC		28283	5.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.4	ug/kg	1
Benzene	71-43-2	8260B	ND		7.0	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.0	2.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.0	0.98	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.0	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.0	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.0	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.0	2.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.0	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.0	1.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.0	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.0	0.94	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.0	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.0	2.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.0	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.0	2.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.0	2.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.0	2.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.0	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.0	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.0	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.0	2.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.0	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.0	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.0	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.0	0.95	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.0	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.0	2.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.0	0.32	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.0	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.0	0.56	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.0	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.0	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		7.0	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.0	0.66	ug/kg	1
Tetrachloroethene	127-18-4	8260B	8.6		7.0	0.70	ug/kg	1
Toluene	108-88-3	8260B	ND		7.0	2.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1626	AAC		28283	5.39

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.0	0.88	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.0	2.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.0	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.0	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		7.0	2.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.0	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.0	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.0	4.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		77	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1439	AAC		28157	5.86

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	49		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.83	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.85	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.73	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.76	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.91	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.82	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.98	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	2.2	J	5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1439	AAC		28157	5.86

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.85	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.79	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.86	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		83	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1503	AAC		28157	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	30		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1503	AAC		28157	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		95	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/27/2013 1315	AAC		28177			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	08/27/2013 1315	AAC		28177				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		94	70-130								
Bromofluorobenzene		94	70-130								
Toluene-d8		103	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1526	AAC		28157	5.96
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		30	9.9	ug/kg	1
Benzene	71-43-2	8260B	ND		7.4	1.6	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.4	2.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.4	1.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.4	2.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	3.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.4	1.9	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.4	2.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.4	2.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.4	1.9	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.4	1.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.4	1.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.4	0.99	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.4	2.2	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.4	2.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.4	1.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.4	2.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.4	2.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.4	2.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.4	2.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.4	1.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.4	1.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.4	2.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.4	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.4	2.2	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.4	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.4	1.0	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.4	1.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.4	2.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	1.9	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.4	0.34	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.4	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.4	0.59	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	2.2	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.4	0.61	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.4	3.8	ug/kg	1
Styrene	100-42-5	8260B	ND		7.4	1.6	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.4	0.69	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.2	J	7.4	0.74	ug/kg	1
Toluene	108-88-3	8260B	ND		7.4	2.5	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1526	AAC		28157	5.96

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.4	0.93	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.4	2.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.4	1.3	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.4	1.2	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		7.4	2.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.4	2.2	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.4	1.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.4	4.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		81	53-142
Bromofluorobenzene		76	47-138
Toluene-d8		82	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1550	AAC		28157	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.84	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.6	ug/kg	1
Chloroform	67-66-3	8260B	2.2	J	6.0	0.99	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.81	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.87	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.81	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	67		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1550	AAC		28157	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.75	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.94	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1614	AAC		28157	5.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.83	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	20		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/27/2013 1614	AAC		28157	5.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.90	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.98	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1650	AAC		28283	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.79	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.96	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.86	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.77	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	16		5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/28/2013 1650	AAC		28283	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.96	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.97	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28157-001

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/27/2013 1130
Benzene	ND		1	5.0	1.1	ug/kg	08/27/2013 1130
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Bromoform	ND		1	5.0	0.70	ug/kg	08/27/2013 1130
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/27/2013 1130
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/27/2013 1130
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/27/2013 1130
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/27/2013 1130
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Chloroethane	ND		1	5.0	1.3	ug/kg	08/27/2013 1130
Chloroform	ND		1	5.0	0.83	ug/kg	08/27/2013 1130
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/27/2013 1130
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/27/2013 1130
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/27/2013 1130
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/27/2013 1130
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/27/2013 1130
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/27/2013 1130
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/27/2013 1130
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/27/2013 1130
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/27/2013 1130
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/27/2013 1130
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
2-Hexanone	ND		1	10	1.3	ug/kg	08/27/2013 1130
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/27/2013 1130
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/27/2013 1130
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/27/2013 1130
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/27/2013 1130
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/27/2013 1130
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/27/2013 1130
Styrene	ND		1	5.0	1.1	ug/kg	08/27/2013 1130
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/27/2013 1130
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/27/2013 1130
Toluene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/27/2013 1130
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/27/2013 1130
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/27/2013 1130
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/27/2013 1130

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28157-001

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/27/2013 1130
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/27/2013 1130
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/27/2013 1130
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/27/2013 1130
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	47-138				
1,2-Dichloroethane-d4		92	53-142				
Toluene-d8		92	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28157-002

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	103	60-140	08/27/2013 0956
Benzene	50	39		1	78	69-123	08/27/2013 0956
Bromodichloromethane	50	39		1	79	69-121	08/27/2013 0956
Bromoform	50	43		1	85	61-119	08/27/2013 0956
Bromomethane (Methyl bromide)	50	44		1	87	10-168	08/27/2013 0956
2-Butanone (MEK)	100	90		1	90	57-148	08/27/2013 0956
Carbon disulfide	50	39		1	78	58-122	08/27/2013 0956
Carbon tetrachloride	50	40		1	79	58-136	08/27/2013 0956
Chlorobenzene	50	39		1	79	59-129	08/27/2013 0956
Chloroethane	50	49		1	97	42-163	08/27/2013 0956
Chloroform	50	41		1	81	71-125	08/27/2013 0956
Chloromethane (Methyl chloride)	50	48		1	96	34-134	08/27/2013 0956
Cyclohexane	50	40		1	80	53-139	08/27/2013 0956
1,2-Dibromo-3-chloropropane (DBCP)	50	37		1	74	55-125	08/27/2013 0956
Dibromochloromethane	50	40		1	80	66-119	08/27/2013 0956
1,2-Dibromoethane (EDB)	50	42		1	84	74-124	08/27/2013 0956
1,4-Dichlorobenzene	50	37		1	74	52-133	08/27/2013 0956
1,3-Dichlorobenzene	50	40		1	80	51-134	08/27/2013 0956
1,2-Dichlorobenzene	50	39		1	78	57-131	08/27/2013 0956
Dichlorodifluoromethane	50	46		1	91	10-157	08/27/2013 0956
1,2-Dichloroethane	50	42		1	84	67-129	08/27/2013 0956
1,1-Dichloroethane	50	41		1	81	71-127	08/27/2013 0956
trans-1,2-Dichloroethene	50	41		1	82	68-131	08/27/2013 0956
cis-1,2-Dichloroethene	50	41		1	82	70-122	08/27/2013 0956
1,1-Dichloroethene	50	40		1	80	69-138	08/27/2013 0956
1,2-Dichloropropane	50	38		1	76	72-124	08/27/2013 0956
trans-1,3-Dichloropropene	50	40		1	80	70-124	08/27/2013 0956
cis-1,3-Dichloropropene	50	40		1	81	70-126	08/27/2013 0956
Ethylbenzene	50	39		1	78	59-128	08/27/2013 0956
2-Hexanone	100	88		1	88	54-137	08/27/2013 0956
Isopropylbenzene	50	41		1	83	50-136	08/27/2013 0956
Methyl acetate	50	45		1	90	59-137	08/27/2013 0956
Methyl tertiary butyl ether (MTBE)	50	47		1	95	70-130	08/27/2013 0956
4-Methyl-2-pentanone	100	87		1	87	60-134	08/27/2013 0956
Methylcyclohexane	50	40		1	79	41-144	08/27/2013 0956
Methylene chloride	50	45		1	89	70-130	08/27/2013 0956
Styrene	50	40		1	81	54-136	08/27/2013 0956
1,1,2,2-Tetrachloroethane	50	43		1	86	69-132	08/27/2013 0956
Tetrachloroethene	50	39		1	79	45-150	08/27/2013 0956
Toluene	50	38		1	75	61-129	08/27/2013 0956
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	43		1	85	49-136	08/27/2013 0956
1,2,4-Trichlorobenzene	50	33		1	67	34-145	08/27/2013 0956
1,1,2-Trichloroethane	50	40		1	80	55-128	08/27/2013 0956
1,1,1-Trichloroethane	50	42		1	85	63-128	08/27/2013 0956

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28157-002

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	41		1	82	62-126	08/27/2013 0956
Trichlorofluoromethane	50	45		1	90	45-138	08/27/2013 0956
Vinyl chloride	50	52		1	104	42-132	08/27/2013 0956
Xylenes (total)	100	80		1	80	58-128	08/27/2013 0956
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		84	47-138				
1,2-Dichloroethane-d4		82	53-142				
Toluene-d8		84	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28157-003

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	99		1	99	3.6	60-140	20	08/27/2013 1020
Benzene	50	39		1	77	1.2	69-123	20	08/27/2013 1020
Bromodichloromethane	50	39		1	78	1.4	69-121	20	08/27/2013 1020
Bromoform	50	43		1	85	0.41	61-119	20	08/27/2013 1020
Bromomethane (Methyl bromide)	50	39		1	79	10	10-168	20	08/27/2013 1020
2-Butanone (MEK)	100	83		1	83	7.6	57-148	20	08/27/2013 1020
Carbon disulfide	50	35		1	70	10	58-122	20	08/27/2013 1020
Carbon tetrachloride	50	37		1	75	5.5	58-136	20	08/27/2013 1020
Chlorobenzene	50	38		1	75	4.4	59-129	20	08/27/2013 1020
Chloroethane	50	44		1	88	10	42-163	20	08/27/2013 1020
Chloroform	50	38		1	76	6.7	71-125	20	08/27/2013 1020
Chloromethane (Methyl chloride)	50	44		1	88	8.7	34-134	20	08/27/2013 1020
Cyclohexane	50	38		1	77	4.5	53-139	20	08/27/2013 1020
1,2-Dibromo-3-chloropropane (DBCP)	50	36		1	73	1.5	55-125	20	08/27/2013 1020
Dibromochloromethane	50	41		1	81	0.83	66-119	20	08/27/2013 1020
1,2-Dibromoethane (EDB)	50	42		1	83	0.49	74-124	20	08/27/2013 1020
1,4-Dichlorobenzene	50	39		1	79	5.6	52-133	20	08/27/2013 1020
1,3-Dichlorobenzene	50	38		1	77	4.3	51-134	20	08/27/2013 1020
1,2-Dichlorobenzene	50	37		1	75	4.3	57-131	20	08/27/2013 1020
Dichlorodifluoromethane	50	42		1	83	9.2	10-157	20	08/27/2013 1020
1,2-Dichloroethane	50	40		1	80	4.8	67-129	20	08/27/2013 1020
1,1-Dichloroethane	50	37		1	75	8.6	71-127	20	08/27/2013 1020
trans-1,2-Dichloroethene	50	38		1	76	8.3	68-131	20	08/27/2013 1020
cis-1,2-Dichloroethene	50	38		1	77	6.3	70-122	20	08/27/2013 1020
1,1-Dichloroethene	50	38		1	76	4.7	69-138	20	08/27/2013 1020
1,2-Dichloropropane	50	39		1	78	2.2	72-124	20	08/27/2013 1020
trans-1,3-Dichloropropene	50	40		1	81	0.65	70-124	20	08/27/2013 1020
cis-1,3-Dichloropropene	50	40		1	81	0.33	70-126	20	08/27/2013 1020
Ethylbenzene	50	39		1	78	0.54	59-128	20	08/27/2013 1020
2-Hexanone	100	91		1	91	4.1	54-137	20	08/27/2013 1020
Isopropylbenzene	50	41		1	83	0.015	50-136	20	08/27/2013 1020
Methyl acetate	50	42		1	84	7.9	59-137	20	08/27/2013 1020
Methyl tertiary butyl ether (MTBE)	50	45		1	89	6.3	70-130	20	08/27/2013 1020
4-Methyl-2-pentanone	100	88		1	88	0.94	60-134	20	08/27/2013 1020
Methylcyclohexane	50	39		1	78	1.9	41-144	20	08/27/2013 1020
Methylene chloride	50	42		1	83	6.9	70-130	20	08/27/2013 1020
Styrene	50	39		1	77	3.9	54-136	20	08/27/2013 1020
1,1,2,2-Tetrachloroethane	50	42		1	84	1.6	69-132	20	08/27/2013 1020
Tetrachloroethene	50	38		1	77	2.3	45-150	20	08/27/2013 1020
Toluene	50	37		1	74	1.4	61-129	20	08/27/2013 1020
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	39		1	77	10	49-136	20	08/27/2013 1020
1,2,4-Trichlorobenzene	50	32		1	63	5.1	34-145	20	08/27/2013 1020
1,1,2-Trichloroethane	50	41		1	81	1.4	55-128	20	08/27/2013 1020
1,1,1-Trichloroethane	50	38		1	77	9.9	63-128	20	08/27/2013 1020

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28157-003

Matrix: Solid

Batch: 28157

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	39		1	79	3.4	62-126	20	08/27/2013 1020
Trichlorofluoromethane	50	41		1	81	10	45-138	20	08/27/2013 1020
Vinyl chloride	50	47		1	94	10	42-132	20	08/27/2013 1020
Xylenes (total)	100	78		1	78	3.2	58-128	20	08/27/2013 1020
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		94	47-138						
1,2-Dichloroethane-d4		92	53-142						
Toluene-d8		95	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28177-001

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	08/27/2013 1252
Benzene	ND		1	5.0	0.20	ug/L	08/27/2013 1252
Bromodichloromethane	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Bromoform	ND		1	5.0	0.40	ug/L	08/27/2013 1252
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	08/27/2013 1252
2-Butanone (MEK)	ND		1	10	1.8	ug/L	08/27/2013 1252
Carbon disulfide	ND		1	5.0	0.30	ug/L	08/27/2013 1252
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	08/27/2013 1252
Chlorobenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Chloroethane	ND		1	5.0	0.50	ug/L	08/27/2013 1252
Chloroform	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	08/27/2013 1252
Cyclohexane	ND		1	5.0	0.98	ug/L	08/27/2013 1252
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	08/27/2013 1252
Dibromochloromethane	ND		1	5.0	1.7	ug/L	08/27/2013 1252
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	08/27/2013 1252
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	08/27/2013 1252
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	08/27/2013 1252
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	08/27/2013 1252
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	08/27/2013 1252
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/27/2013 1252
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/27/2013 1252
Ethylbenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
2-Hexanone	ND		1	10	1.0	ug/L	08/27/2013 1252
Isopropylbenzene	ND		1	5.0	1.0	ug/L	08/27/2013 1252
Methyl acetate	ND		1	5.0	0.72	ug/L	08/27/2013 1252
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	08/27/2013 1252
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	08/27/2013 1252
Methylcyclohexane	ND		1	5.0	0.95	ug/L	08/27/2013 1252
Methylene chloride	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Styrene	ND		1	5.0	0.10	ug/L	08/27/2013 1252
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	08/27/2013 1252
Tetrachloroethene	ND		1	5.0	0.40	ug/L	08/27/2013 1252
Toluene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	08/27/2013 1252
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	08/27/2013 1252

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28177-001

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	08/27/2013 1252
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	08/27/2013 1252
Vinyl chloride	ND		1	2.0	0.10	ug/L	08/27/2013 1252
Xylenes (total)	ND		1	5.0	1.7	ug/L	08/27/2013 1252
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	70-130				
1,2-Dichloroethane-d4		98	70-130				
Toluene-d8		106	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28177-002

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	84		1	84	60-140	08/27/2013 1109
Benzene	50	53		1	106	70-130	08/27/2013 1109
Bromodichloromethane	50	49		1	97	70-130	08/27/2013 1109
Bromoform	50	47		1	95	70-130	08/27/2013 1109
Bromomethane (Methyl bromide)	50	47		1	94	60-140	08/27/2013 1109
2-Butanone (MEK)	100	83		1	83	60-140	08/27/2013 1109
Carbon disulfide	50	56		1	112	60-140	08/27/2013 1109
Carbon tetrachloride	50	52		1	104	70-130	08/27/2013 1109
Chlorobenzene	50	53		1	106	70-130	08/27/2013 1109
Chloroethane	50	50		1	99	42-163	08/27/2013 1109
Chloroform	50	50		1	99	70-130	08/27/2013 1109
Chloromethane (Methyl chloride)	50	47		1	95	60-140	08/27/2013 1109
Cyclohexane	50	54		1	108	70-130	08/27/2013 1109
1,2-Dibromo-3-chloropropane (DBCP)	50	40		1	80	70-130	08/27/2013 1109
Dibromochloromethane	50	48		1	95	70-130	08/27/2013 1109
1,2-Dibromoethane (EDB)	50	47		1	93	70-130	08/27/2013 1109
1,4-Dichlorobenzene	50	51		1	102	70-130	08/27/2013 1109
1,3-Dichlorobenzene	50	53		1	106	70-130	08/27/2013 1109
1,2-Dichlorobenzene	50	46		1	92	70-130	08/27/2013 1109
Dichlorodifluoromethane	50	53		1	105	60-140	08/27/2013 1109
1,2-Dichloroethane	50	50		1	100	70-130	08/27/2013 1109
1,1-Dichloroethane	50	55		1	109	70-130	08/27/2013 1109
trans-1,2-Dichloroethene	50	54		1	108	70-130	08/27/2013 1109
cis-1,2-Dichloroethene	50	50		1	100	70-130	08/27/2013 1109
1,1-Dichloroethene	50	51		1	102	70-130	08/27/2013 1109
1,2-Dichloropropane	50	47		1	95	70-130	08/27/2013 1109
trans-1,3-Dichloropropene	50	46		1	93	70-130	08/27/2013 1109
cis-1,3-Dichloropropene	50	47		1	95	70-130	08/27/2013 1109
Ethylbenzene	50	50		1	99	70-130	08/27/2013 1109
2-Hexanone	100	86		1	86	60-140	08/27/2013 1109
Isopropylbenzene	50	51		1	102	70-130	08/27/2013 1109
Methyl acetate	50	46		1	92	70-130	08/27/2013 1109
Methyl tertiary butyl ether (MTBE)	50	49		1	98	70-130	08/27/2013 1109
4-Methyl-2-pentanone	100	93		1	93	60-140	08/27/2013 1109
Methylcyclohexane	50	53		1	105	70-130	08/27/2013 1109
Methylene chloride	50	53		1	106	70-130	08/27/2013 1109
Styrene	50	49		1	97	70-130	08/27/2013 1109
1,1,2,2-Tetrachloroethane	50	46		1	92	70-130	08/27/2013 1109
Tetrachloroethene	50	50		1	99	70-130	08/27/2013 1109
Toluene	50	48		1	95	70-130	08/27/2013 1109
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	58		1	116	70-130	08/27/2013 1109
1,2,4-Trichlorobenzene	50	41		1	81	70-130	08/27/2013 1109
1,1,2-Trichloroethane	50	47		1	94	70-130	08/27/2013 1109
1,1,1-Trichloroethane	50	54		1	108	70-130	08/27/2013 1109

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28177-002

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	49		1	98	70-130	08/27/2013 1109
Trichlorofluoromethane	50	52		1	103	70-130	08/27/2013 1109
Vinyl chloride	50	55		1	111	70-130	08/27/2013 1109
Xylenes (total)	100	100		1	100	70-130	08/27/2013 1109
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		102	70-130				
1,2-Dichloroethane-d4		95	70-130				
Toluene-d8		103	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28177-003

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	74		1	74	12	60-140	20	08/27/2013 1132
Benzene	50	50		1	101	4.9	70-130	20	08/27/2013 1132
Bromodichloromethane	50	47		1	94	2.8	70-130	20	08/27/2013 1132
Bromoform	50	46		1	92	2.8	70-130	20	08/27/2013 1132
Bromomethane (Methyl bromide)	50	44		1	88	5.9	60-140	20	08/27/2013 1132
2-Butanone (MEK)	100	89		1	89	6.9	60-140	20	08/27/2013 1132
Carbon disulfide	50	54		1	108	3.8	60-140	20	08/27/2013 1132
Carbon tetrachloride	50	49		1	98	6.2	70-130	20	08/27/2013 1132
Chlorobenzene	50	53		1	106	0.040	70-130	20	08/27/2013 1132
Chloroethane	50	48		1	96	3.3	42-163	20	08/27/2013 1132
Chloroform	50	48		1	96	3.4	70-130	20	08/27/2013 1132
Chloromethane (Methyl chloride)	50	45		1	91	4.4	60-140	20	08/27/2013 1132
Cyclohexane	50	50		1	100	7.7	70-130	20	08/27/2013 1132
1,2-Dibromo-3-chloropropane (DBCP)	50	39		1	78	2.0	70-130	20	08/27/2013 1132
Dibromochloromethane	50	47		1	94	1.0	70-130	20	08/27/2013 1132
1,2-Dibromoethane (EDB)	50	47		1	95	1.3	70-130	20	08/27/2013 1132
1,4-Dichlorobenzene	50	52		1	103	1.2	70-130	20	08/27/2013 1132
1,3-Dichlorobenzene	50	54		1	107	1.6	70-130	20	08/27/2013 1132
1,2-Dichlorobenzene	50	46		1	92	0.41	70-130	20	08/27/2013 1132
Dichlorodifluoromethane	50	47		1	94	11	60-140	20	08/27/2013 1132
1,2-Dichloroethane	50	49		1	98	2.0	70-130	20	08/27/2013 1132
1,1-Dichloroethane	50	52		1	103	5.7	70-130	20	08/27/2013 1132
trans-1,2-Dichloroethene	50	52		1	103	4.6	70-130	20	08/27/2013 1132
cis-1,2-Dichloroethene	50	48		1	97	3.4	70-130	20	08/27/2013 1132
1,1-Dichloroethene	50	49		1	97	5.1	70-130	20	08/27/2013 1132
1,2-Dichloropropane	50	47		1	94	0.87	70-130	20	08/27/2013 1132
trans-1,3-Dichloropropene	50	48		1	95	2.8	70-130	20	08/27/2013 1132
cis-1,3-Dichloropropene	50	48		1	96	1.3	70-130	20	08/27/2013 1132
Ethylbenzene	50	49		1	98	1.8	70-130	20	08/27/2013 1132
2-Hexanone	100	92		1	92	6.2	60-140	20	08/27/2013 1132
Isopropylbenzene	50	53		1	106	3.4	70-130	20	08/27/2013 1132
Methyl acetate	50	43		1	85	7.9	70-130	20	08/27/2013 1132
Methyl tertiary butyl ether (MTBE)	50	44		1	89	9.4	70-130	20	08/27/2013 1132
4-Methyl-2-pentanone	100	93		1	93	0.82	60-140	20	08/27/2013 1132
Methylcyclohexane	50	50		1	100	5.2	70-130	20	08/27/2013 1132
Methylene chloride	50	50		1	100	5.9	70-130	20	08/27/2013 1132
Styrene	50	48		1	95	1.9	70-130	20	08/27/2013 1132
1,1,2,2-Tetrachloroethane	50	48		1	96	3.8	70-130	20	08/27/2013 1132
Tetrachloroethene	50	50		1	100	1.1	70-130	20	08/27/2013 1132
Toluene	50	48		1	95	0.055	70-130	20	08/27/2013 1132
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	55		1	109	5.6	70-130	20	08/27/2013 1132
1,2,4-Trichlorobenzene	50	41		1	82	0.76	70-130	20	08/27/2013 1132
1,1,2-Trichloroethane	50	48		1	96	1.6	70-130	20	08/27/2013 1132
1,1,1-Trichloroethane	50	51		1	101	6.0	70-130	20	08/27/2013 1132

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28177-003

Matrix: Aqueous

Batch: 28177

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	49		1	97	0.73	70-130	20	08/27/2013 1132
Trichlorofluoromethane	50	49		1	98	5.5	70-130	20	08/27/2013 1132
Vinyl chloride	50	54		1	108	2.9	70-130	20	08/27/2013 1132
Xylenes (total)	100	96		1	96	3.2	70-130	20	08/27/2013 1132
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		100	70-130						
1,2-Dichloroethane-d4		88	70-130						
Toluene-d8		105	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28283-001

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/28/2013 1254
Benzene	ND		1	5.0	1.1	ug/kg	08/28/2013 1254
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
Bromoform	ND		1	5.0	0.70	ug/kg	08/28/2013 1254
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/28/2013 1254
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/28/2013 1254
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/28/2013 1254
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/28/2013 1254
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
Chloroethane	ND		1	5.0	1.3	ug/kg	08/28/2013 1254
Chloroform	ND		1	5.0	0.83	ug/kg	08/28/2013 1254
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/28/2013 1254
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/28/2013 1254
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/28/2013 1254
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/28/2013 1254
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/28/2013 1254
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/28/2013 1254
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/28/2013 1254
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/28/2013 1254
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/28/2013 1254
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/28/2013 1254
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/28/2013 1254
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/28/2013 1254
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
2-Hexanone	ND		1	10	1.3	ug/kg	08/28/2013 1254
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/28/2013 1254
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/28/2013 1254
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/28/2013 1254
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/28/2013 1254
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/28/2013 1254
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/28/2013 1254
Styrene	ND		1	5.0	1.1	ug/kg	08/28/2013 1254
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/28/2013 1254
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/28/2013 1254
Toluene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/28/2013 1254
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/28/2013 1254
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/28/2013 1254
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/28/2013 1254

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28283-001

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/28/2013 1254
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/28/2013 1254
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/28/2013 1254
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/28/2013 1254
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		90	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		86	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28283-002

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	92		1	92	60-140	08/28/2013 1120
Benzene	50	39		1	79	69-123	08/28/2013 1120
Bromodichloromethane	50	40		1	81	69-121	08/28/2013 1120
Bromoform	50	39		1	79	61-119	08/28/2013 1120
Bromomethane (Methyl bromide)	50	40		1	80	10-168	08/28/2013 1120
2-Butanone (MEK)	100	77		1	77	57-148	08/28/2013 1120
Carbon disulfide	50	37		1	74	58-122	08/28/2013 1120
Carbon tetrachloride	50	39		1	79	58-136	08/28/2013 1120
Chlorobenzene	50	39		1	77	59-129	08/28/2013 1120
Chloroethane	50	46		1	91	42-163	08/28/2013 1120
Chloroform	50	38		1	77	71-125	08/28/2013 1120
Chloromethane (Methyl chloride)	50	44		1	89	34-134	08/28/2013 1120
Cyclohexane	50	40		1	80	53-139	08/28/2013 1120
1,2-Dibromo-3-chloropropane (DBCP)	50	33		1	67	55-125	08/28/2013 1120
Dibromochloromethane	50	38		1	77	66-119	08/28/2013 1120
1,2-Dibromoethane (EDB)	50	40		1	81	74-124	08/28/2013 1120
1,2-Dichlorobenzene	50	38		1	76	57-131	08/28/2013 1120
1,4-Dichlorobenzene	50	37		1	74	52-133	08/28/2013 1120
1,3-Dichlorobenzene	50	40		1	79	51-134	08/28/2013 1120
Dichlorodifluoromethane	50	42		1	84	10-157	08/28/2013 1120
1,2-Dichloroethane	50	40		1	80	67-129	08/28/2013 1120
1,1-Dichloroethane	50	38		1	76	71-127	08/28/2013 1120
1,1-Dichloroethene	50	38		1	76	69-138	08/28/2013 1120
cis-1,2-Dichloroethene	50	37		1	75	70-122	08/28/2013 1120
trans-1,2-Dichloroethene	50	39		1	77	68-131	08/28/2013 1120
1,2-Dichloropropane	50	39		1	78	72-124	08/28/2013 1120
trans-1,3-Dichloropropene	50	39		1	78	70-124	08/28/2013 1120
cis-1,3-Dichloropropene	50	41		1	83	70-126	08/28/2013 1120
Ethylbenzene	50	38		1	77	59-128	08/28/2013 1120
2-Hexanone	100	82		1	82	54-137	08/28/2013 1120
Isopropylbenzene	50	41		1	82	50-136	08/28/2013 1120
Methyl acetate	50	40		1	79	59-137	08/28/2013 1120
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	08/28/2013 1120
4-Methyl-2-pentanone	100	84		1	84	60-134	08/28/2013 1120
Methylcyclohexane	50	41		1	82	41-144	08/28/2013 1120
Methylene chloride	50	41		1	83	70-130	08/28/2013 1120
Styrene	50	38		1	76	54-136	08/28/2013 1120
1,1,2,2-Tetrachloroethane	50	40		1	79	69-132	08/28/2013 1120
Tetrachloroethene	50	38		1	76	45-150	08/28/2013 1120
Toluene	50	39		1	77	61-129	08/28/2013 1120
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	41		1	82	49-136	08/28/2013 1120
1,2,4-Trichlorobenzene	50	32		1	65	34-145	08/28/2013 1120
1,1,1-Trichloroethane	50	41		1	82	63-128	08/28/2013 1120
1,1,2-Trichloroethane	50	39		1	78	55-128	08/28/2013 1120

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28283-002

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	40		1	81	62-126	08/28/2013 1120
Trichlorofluoromethane	50	43		1	87	45-138	08/28/2013 1120
Vinyl chloride	50	49		1	97	42-132	08/28/2013 1120
Xylenes (total)	100	77		1	77	58-128	08/28/2013 1120
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		80	47-138				
1,2-Dichloroethane-d4		82	53-142				
Toluene-d8		82	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28283-003

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	88		1	88	4.5	60-140	20	08/28/2013 1143
Benzene	50	38		1	76	4.2	69-123	20	08/28/2013 1143
Bromodichloromethane	50	40		1	80	1.3	69-121	20	08/28/2013 1143
Bromoform	50	43		1	86	8.9	61-119	20	08/28/2013 1143
Bromomethane (Methyl bromide)	50	41		1	82	3.1	10-168	20	08/28/2013 1143
2-Butanone (MEK)	100	81		1	81	4.8	57-148	20	08/28/2013 1143
Carbon disulfide	50	37		1	73	0.74	58-122	20	08/28/2013 1143
Carbon tetrachloride	50	41		1	81	2.9	58-136	20	08/28/2013 1143
Chlorobenzene	50	40		1	81	4.9	59-129	20	08/28/2013 1143
Chloroethane	50	46		1	91	0.044	42-163	20	08/28/2013 1143
Chloroform	50	39		1	79	2.6	71-125	20	08/28/2013 1143
Chloromethane (Methyl chloride)	50	46		1	92	3.9	34-134	20	08/28/2013 1143
Cyclohexane	50	41		1	82	1.7	53-139	20	08/28/2013 1143
1,2-Dibromo-3-chloropropane (DBCP)	50	35		1	70	4.0	55-125	20	08/28/2013 1143
Dibromochloromethane	50	40		1	81	5.2	66-119	20	08/28/2013 1143
1,2-Dibromoethane (EDB)	50	42		1	84	4.2	74-124	20	08/28/2013 1143
1,2-Dichlorobenzene	50	39		1	77	0.79	57-131	20	08/28/2013 1143
1,4-Dichlorobenzene	50	39		1	79	6.7	52-133	20	08/28/2013 1143
1,3-Dichlorobenzene	50	40		1	80	0.79	51-134	20	08/28/2013 1143
Dichlorodifluoromethane	50	43		1	86	2.4	10-157	20	08/28/2013 1143
1,2-Dichloroethane	50	40		1	80	0.28	67-129	20	08/28/2013 1143
1,1-Dichloroethane	50	39		1	79	3.6	71-127	20	08/28/2013 1143
1,1-Dichloroethene	50	39		1	77	2.1	69-138	20	08/28/2013 1143
cis-1,2-Dichloroethene	50	38		1	77	3.1	70-122	20	08/28/2013 1143
trans-1,2-Dichloroethene	50	39		1	78	0.89	68-131	20	08/28/2013 1143
1,2-Dichloropropane	50	38		1	76	3.5	72-124	20	08/28/2013 1143
trans-1,3-Dichloropropene	50	41		1	82	4.2	70-124	20	08/28/2013 1143
cis-1,3-Dichloropropene	50	40		1	81	2.3	70-126	20	08/28/2013 1143
Ethylbenzene	50	40		1	79	2.9	59-128	20	08/28/2013 1143
2-Hexanone	100	91		1	91	11	54-137	20	08/28/2013 1143
Isopropylbenzene	50	43		1	86	4.6	50-136	20	08/28/2013 1143
Methyl acetate	50	41		1	82	3.1	59-137	20	08/28/2013 1143
Methyl tertiary butyl ether (MTBE)	50	51		1	102	5.9	70-130	20	08/28/2013 1143
4-Methyl-2-pentanone	100	86		1	86	2.5	60-134	20	08/28/2013 1143
Methylcyclohexane	50	40		1	80	3.3	41-144	20	08/28/2013 1143
Methylene chloride	50	42		1	84	1.5	70-130	20	08/28/2013 1143
Styrene	50	42		1	84	9.3	54-136	20	08/28/2013 1143
1,1,2,2-Tetrachloroethane	50	42		1	85	6.3	69-132	20	08/28/2013 1143
Tetrachloroethene	50	40		1	81	6.5	45-150	20	08/28/2013 1143
Toluene	50	38		1	75	2.4	61-129	20	08/28/2013 1143
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	41		1	82	0.11	49-136	20	08/28/2013 1143
1,2,4-Trichlorobenzene	50	31		1	62	4.5	34-145	20	08/28/2013 1143
1,1,1-Trichloroethane	50	41		1	82	0.10	63-128	20	08/28/2013 1143
1,1,2-Trichloroethane	50	40		1	81	3.0	55-128	20	08/28/2013 1143

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28283-003

Matrix: Solid

Batch: 28283

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	40		1	79	2.2	62-126	20	08/28/2013 1143
Trichlorofluoromethane	50	44		1	89	2.7	45-138	20	08/28/2013 1143
Vinyl chloride	50	50		1	100	3.1	42-132	20	08/28/2013 1143
Xylenes (total)	100	82		1	82	5.8	58-128	20	08/28/2013 1143
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		97	47-138						
1,2-Dichloroethane-d4		90	53-142						
Toluene-d8		90	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33426



Client TRC		Report to Contact Dan Madison/Terry Hertz		Sampler (Printed Name) Bill Medlin		Quote No.	
Address 30 Patowood Dr		Telephone No. / Fax No. / Email 864 281-0030		Waybill No.		Page	
City Greenville		State SC		Zip Code 29615		Number of Containers	
Project Name WPH-Clemson		Preservative		Fraserative		Lot No.	
Project Number		1. Unpres. 4. HNO3 7. NaOH		2. NaOH/ZnA 5. HCL		Remarks / Cooler ID	
Sample ID / Description (Containers for each sample may be combined on one line)		3. H2SO4 6. Na Tho.		Analysis		0A23061	
Date		Time		Matrix		Remarks	
SB-114 (20-21)		8-23-13 0805		G=Grab C=Composite GW DW WW S Other		17 PPM	
SB-114 (24-25)		8-23-13 0810				6.5 PPM	
SB-113 (9-10)		8-23-13 0850				0.8 PPM	
SB-113 (24-25)		8-23-13 0855				0.8 PPM	
SB-112 (9-10)		8-23-13 0935					
SB-112 (20-21)		8-23-13 0940					
SB-123 (7-8)		8-23-13 1110					
SB-123 (21-22)		8-23-13 1115					
TBK-13304							

Turn Around Time Required (Prior lab approval required for expedited TAT)		Sample Disposal		Possible Hazard Identification	
<input type="checkbox"/> Standard <input type="checkbox"/> Flush (Please Specify)		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown	
1. Relinquished by / Sample Bill Medlin		Date 8-23-13		Time 1400	
2. Relinquished by Bill Medlin		Date 8-23-13		Time 1530	
3. Relinquished by Bill Medlin		Date		Time	
4. Relinquished by Bill Medlin		Date 8/23/13		Time 1725	

QC Requirements (Specify)		QC Requirements (Specify)	
1. Received by Michelle Hertz		Date 8/23/13	
2. Received by Michelle Hertz		Date 8/23/13	
3. Received by		Date	
4. Laboratory Received by Kelly W. Prine		Date 8/23/13	

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33425

Client JRC		Report to Contact Dan Madison/Terry Hertz		Sampler (Printed Name) D.S. Medley		Quote No.	
Address 30 Patwood Dr		Telephone No. / Fax No. / Email 864-281-0030		Waybill No.		Page	
City Greenville	State SC	Zip Code 29615	Preservative				Number of Containers
Project Name WPH-Clemson			1. Unpres.	4. HNO3	7. NaOH	Bottle (See Instructions on back)	
Project Number 205809-000-0001			2. NaOH/ZnA	5. HCl	Preservative		
Sample ID / Description (Containers for each sample may be combined on one line)			3. H2SO4	6. Na Tho.	Lot No.	Remarks / Cooler ID	
Date			Time	Matrix			
SB-124 (10-17)			8-23-13	11:55	G	8.0 PPM	
SB-124 (21-22)			8-23-13	12:00	G	1.4 PPM	
SB-125 (18-19)			8-23-13	13:50	G		
SB-125 (20-21)			8-23-13	13:55	G		
Analysis							
P.O. Number							
Sample Disposal			Possible Hazard Identification				
<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab Date: 8/23/13 Time: 1400 Date: 8/23/13 Time: 1530 Date: 8/23/13 Time: 1705			<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown				
Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)			QC Requirements (Specify) 1. Received by: Medley Date: 8/23/13 Time: 1400 2. Received by: Medley Date: 8/23/13 Time: 1530 3. Received by: Medley Date: 8/23/13 Time: 1705 4. Laboratory Received by: Kelly W. Price Date: 8/23/13 Time: 1725				
Relinquished by: Medley Relinquished by: Medley Relinquished by: Medley Relinquished by: Medley			LAB USE ONLY Received on Ice (Check) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Ice Pack <input type="checkbox"/> Receipt Temp. 1.0 °C Temp. Blank <input type="checkbox"/> Y / <input type="checkbox"/> N				

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: KWP 1/8/2013 Lot #: 0H23067

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt: <u>11.0</u> °C / °C / °C / °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	16. Were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: <u>KWP</u>		Date: <u>8/23/13</u>	
Corrective Action taken, if necessary:			
Was client notified: Yes <input type="checkbox"/> No <input type="checkbox"/>		Did client respond: Yes <input type="checkbox"/> No <input type="checkbox"/>	
SESI employee: _____		Date of response: _____	
Comments: _____			

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OH26049

Date Completed: 09/05/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH26049 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH26049

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blanks – Six analytical method blanks were analyzed. No target analytes detected in method blanks.

Trip Blanks – TBLK-13305, TBLK-13306 and TBLK-13307. No target analytes were detected in these trip blanks.

LCS/LCSD – Six LCS/LCSD pairs were analyzed. LCS and LCSD recoveries are OK. LCS/LCSD RPDs are OK except for acetone in batch 28468 where the RPD was 26%. Nine samples were analyzed for acetone in this batch: SB-160/21-22, SB-167/4-5, SB-167/20-21, SB-168/2-3, SB-168/20-21, SB-173/7-8, SB-173/21-22, SB-174/7-8 and SB-174/20-21. Acetone was not detected in these nine samples. No data qualifiers were added to acetone in these nine samples.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 9/5/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH26049

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH26049

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-126 (4-5)	Solid	08/26/2013 0835	08/26/2013
002	SB-126 (20-21)	Solid	08/26/2013 0840	08/26/2013
003	SB-127 (14-15)	Solid	08/26/2013 1005	08/26/2013
004	SB-127 (22-23)	Solid	08/26/2013 1010	08/26/2013
005	SB-128 (4-5)	Solid	08/26/2013 1105	08/26/2013
006	SB-128 (22-23)	Solid	08/26/2013 1110	08/26/2013
007	SB-130 (15-16)	Solid	08/26/2013 1215	08/26/2013
008	SB-130 (23-24)	Solid	08/26/2013 1220	08/26/2013
009	TBLK13305	Aqueous	08/26/2013	08/26/2013
010	SB-129(15-16)	Solid	08/26/2013 1430	08/27/2013
011	SB-129(21-22)	Solid	08/26/2013 1435	08/27/2013
012	SB-131(13-14)	Solid	08/26/2013 1545	08/27/2013
013	SB-131(23-24)	Solid	08/26/2013 1550	08/27/2013
014	SB-132(9-10)	Solid	08/26/2013 1710	08/27/2013
015	SB-132(26-27)	Solid	08/26/2013 1715	08/27/2013
016	SB-133(7-8)	Solid	08/27/2013 0915	08/27/2013
017	SB-133(20-21)	Solid	08/27/2013 0920	08/27/2013
018	TBLK 13306	Aqueous	08/27/2013	08/27/2013
019	SB-145(8-9)	Solid	08/27/2013 1010	08/27/2013
020	SB-145(23-24)	Solid	08/27/2013 1015	08/27/2013
021	SB-153(6-7)	Solid	08/27/2013 1145	08/27/2013
022	SB-153(23-24)	Solid	08/27/2013 1150	08/27/2013
023	SB-160(11-12)	Solid	08/27/2013 1335	08/28/2013
024	SB-160(21-22)	Solid	08/27/2013 1340	08/28/2013
025	SB-167(4-5)	Solid	08/27/2013 1440	08/28/2013
026	SB-167(20-21)	Solid	08/27/2013 1445	08/28/2013
027	SB-168(2-3)	Solid	08/27/2013 1620	08/28/2013
028	SB-168(20-21)	Solid	08/27/2013 1625	08/28/2013
029	SB-173(7-8)	Solid	08/28/2013 0930	08/28/2013
030	SB-173(21-22)	Solid	08/28/2013 0935	08/28/2013
031	TBLK-13307	Aqueous	08/28/2013	08/28/2013
032	SB-174(7-8)	Solid	08/28/2013 1040	08/28/2013
033	SB-174(20-21)	Solid	08/28/2013 1045	08/28/2013

(33 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH26049

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-126 (4-5)	Solid	Acetone	8260B	120		ug/kg	5
001	SB-126 (4-5)	Solid	Tetrachloroethene	8260B	5.9		ug/kg	5
002	SB-126 (20-21)	Solid	Tetrachloroethene	8260B	10		ug/kg	7
003	SB-127 (14-15)	Solid	Acetone	8260B	500		ug/kg	9
003	SB-127 (14-15)	Solid	Tetrachloroethene	8260B	59		ug/kg	9
004	SB-127 (22-23)	Solid	Tetrachloroethene	8260B	240		ug/kg	11
005	SB-128 (4-5)	Solid	Acetone	8260B	190		ug/kg	13
005	SB-128 (4-5)	Solid	Tetrachloroethene	8260B	5.3		ug/kg	13
006	SB-128 (22-23)	Solid	Tetrachloroethene	8260B	33		ug/kg	15
011	SB-129(21-22)	Solid	cis-1,2-Dichloroethene	8260B	1.7	J	ug/kg	25
011	SB-129(21-22)	Solid	Ethylbenzene	8260B	3.3	J	ug/kg	25
011	SB-129(21-22)	Solid	Tetrachloroethene	8260B	3.6	J	ug/kg	25
015	SB-132(26-27)	Solid	Tetrachloroethene	8260B	2.4	J	ug/kg	33
016	SB-133(7-8)	Solid	Isopropylbenzene	8260B	770		ug/kg	35
016	SB-133(7-8)	Solid	Xylenes (total)	8260B	660		ug/kg	36
019	SB-145(8-9)	Solid	Tetrachloroethene	8260B	10		ug/kg	41
020	SB-145(23-24)	Solid	Tetrachloroethene	8260B	1.7	J	ug/kg	43
021	SB-153(6-7)	Solid	Acetone	8260B	8.6	J	ug/kg	45
021	SB-153(6-7)	Solid	Tetrachloroethene	8260B	3.4	J	ug/kg	45
022	SB-153(23-24)	Solid	Tetrachloroethene	8260B	0.67	J	ug/kg	47
023	SB-160(11-12)	Solid	Acetone	8260B	13	J	ug/kg	49
023	SB-160(11-12)	Solid	Methylene chloride	8260B	23		ug/kg	49
024	SB-160(21-22)	Solid	Tetrachloroethene	8260B	1.2	J	ug/kg	51
026	SB-167(20-21)	Solid	Tetrachloroethene	8260B	9.2		ug/kg	55
027	SB-168(2-3)	Solid	Tetrachloroethene	8260B	2.9	J	ug/kg	57

(25 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0517	JJG		28376	6.67

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	120		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.6	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.8	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.96	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.65	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.96	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.73	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.87	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.65	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.79	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.6	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.94	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.6	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	5.9		4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0517	JJG		28376	6.67

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.76	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0540	JJG		28376	6.02

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.98	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	10		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0540	JJG		28376	6.02

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.98	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0604	JJG		28376	6.84
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	500		23	7.6	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.83	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	59		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0604	JJG		28376	6.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.90	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.98	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0628	JJG		28376	5.84
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.2	ug/kg	1
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.9	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.9	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.9	0.32	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.9	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	1
Tetrachloroethene	127-18-4	8260B	240		6.9	0.69	ug/kg	1
Toluene	108-88-3	8260B	ND		6.9	2.3	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0628	JJG		28376	5.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	0.87	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0651	JJG		28376	6.87
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	190		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.5	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.8	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.95	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.87	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.65	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.78	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.93	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	5.3		4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0651	JJG		28376	6.87

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0715	JJG		28376	5.75
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.6	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.79	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.94	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.96	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.86	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.77	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	33		5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0715	JJG		28376	5.75

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.96	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.97	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		79	47-138
Toluene-d8		83	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0738	JJG		28376	6.12
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.8	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.98	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.98	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.8	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.8	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0738	JJG		28376	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		95	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0802	JJG		28376	6.06
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0802	JJG		28376	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1355	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1355	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1		
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1		
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1		
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1		
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1		
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1		
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1		
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1		
Surrogate	Q	Run 1 % Recovery	Acceptance Limits							
1,2-Dichloroethane-d4		95	70-130							
Bromofluorobenzene		95	70-130							
Toluene-d8		88	70-130							

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0825	JJG		28376	6.14
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.84	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.68	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.86	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.74	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.77	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.92	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.83	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	0.51	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 0825	JJG		28376	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.64	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.86	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.80	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.87	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		79	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1607	AAC		28440	5.89
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.95	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	1.7	J	5.6	0.85	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	3.3	J	5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.6	J	5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1607	AAC		28440	5.89

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.95	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.88	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.96	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1631	AAC		28440	6.04
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1631	AAC		28440	6.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1655	AAC		28440	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.9	2.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.9	1.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.9	2.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.9	0.32	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.9	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.9	0.69	ug/kg	1
Toluene	108-88-3	8260B	ND		6.9	2.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1655	AAC		28440	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	0.87	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1718	AAC		28440	6.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1718	AAC		28440	6.29

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1742	AAC		28440	6.16
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	2.4	J	5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1742	AAC		28440	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		93	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	100	09/03/2013 1919	AAC		28573	6.23

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		2100	690	ug/kg	2
Benzene	71-43-2	8260B	ND		520	110	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		520	180	ug/kg	2
Bromoform	75-25-2	8260B	ND		520	72	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		520	190	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		1000	250	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		520	130	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		520	190	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		520	180	ug/kg	2
Chloroethane	75-00-3	8260B	ND		520	130	ug/kg	2
Chloroform	67-66-3	8260B	ND		520	86	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		520	100	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		520	70	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		520	160	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		520	180	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		520	88	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		520	180	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		520	180	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		520	180	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		520	170	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		520	76	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		520	100	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		520	180	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		520	79	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		520	160	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		520	94	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		520	70	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		520	85	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		520	180	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		1000	130	ug/kg	2
Isopropylbenzene	98-82-8	8260B	770		520	24	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		520	100	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		520	41	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		1000	160	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		520	42	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		520	270	ug/kg	2
Styrene	100-42-5	8260B	ND		520	110	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		520	49	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		520	52	ug/kg	2
Toluene	108-88-3	8260B	ND		520	180	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	100	09/03/2013 1919	AAC		28573	6.23

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		520	65	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		520	180	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		520	88	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		520	82	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		520	200	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		520	160	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		520	89	ug/kg	2
Xylenes (total)	1330-20-7	8260B	660		520	300	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	53-142
Bromofluorobenzene		91	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1829	AAC		28440	6.59
2	5035	8260B	1	09/03/2013 1349	AAC		28572	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.87	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.2	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.2	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.2	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.8	0.31	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		6.2	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.2	0.51	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.2	0.62	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1829	AAC		28440	6.59
2	5035	8260B	1	09/03/2013 1349	AAC		28572	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.2	0.78	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.98	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.2	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.2	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.8	3.9	ug/kg	2

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142		93	53-142
Bromofluorobenzene		95	47-138		75	47-138
Toluene-d8		86	68-124		85	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1417	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	08/30/2013 1417	JAC		28454				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		94	70-130								
Bromofluorobenzene		94	70-130								
Toluene-d8		89	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1853	AAC		28440	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	6.1	ug/kg	1
Benzene	71-43-2	8260B	ND		4.6	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.6	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.6	0.64	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	1.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.1	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.6	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.6	1.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.6	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.6	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.6	0.76	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	0.91	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.6	0.62	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.6	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	0.78	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	0.67	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	0.91	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	0.70	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	0.83	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	0.62	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	0.75	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.6	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.1	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.6	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.6	0.90	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.1	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.6	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.6	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.6	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	10		4.6	0.46	ug/kg	1
Toluene	108-88-3	8260B	ND		4.6	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1853	AAC		28440	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	0.58	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	0.78	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	0.72	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.6	1.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.6	0.79	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.6	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1917	AAC		28440	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	7.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.9	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.9	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.9	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.9	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.9	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.9	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.9	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.9	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.9	0.98	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.9	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.9	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.9	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.9	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.9	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.9	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.9	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.9	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.9	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.9	0.86	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.9	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.9	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.9	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.9	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.9	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.9	0.80	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.9	0.97	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.9	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.9	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.9	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.9	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.9	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.9	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		5.9	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.9	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.7	J	5.9	0.59	ug/kg	1
Toluene	108-88-3	8260B	ND		5.9	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1917	AAC		28440	6.18

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.9	0.74	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.9	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.9	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.9	0.93	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.9	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.9	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.9	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.9	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1940	AAC		28440	7.24

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	8.6	J	17	5.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.2	0.93	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.2	1.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.2	0.59	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.2	1.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		8.4	2.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.2	1.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.2	1.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.2	1.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.2	1.1	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.2	0.70	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.2	0.84	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.2	0.57	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.2	1.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.2	1.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.2	0.72	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.2	1.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.2	1.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.2	1.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.2	1.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.2	0.62	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.2	0.84	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.2	1.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.2	0.64	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.2	1.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.2	0.77	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.2	0.57	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.2	0.69	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.2	1.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		8.4	1.1	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.2	0.19	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.2	0.83	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.2	0.34	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		8.4	1.3	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.2	0.35	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.2	2.2	ug/kg	1
Styrene	100-42-5	8260B	ND		4.2	0.93	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.2	0.40	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.4	J	4.2	0.42	ug/kg	1
Toluene	108-88-3	8260B	ND		4.2	1.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 1940	AAC		28440	7.24

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.2	0.53	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.2	1.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.2	0.72	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.2	0.67	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.2	1.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.2	1.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.2	0.72	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.2	2.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		81	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 2004	AAC		28440	6.23

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.4	ug/kg	1
Benzene	71-43-2	8260B	ND		6.3	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.3	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.3	0.88	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.3	2.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.3	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.3	2.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.3	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.3	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.3	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.3	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.3	0.84	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.3	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.3	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.3	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.3	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.3	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.3	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.3	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.3	0.91	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.3	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.3	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.3	0.95	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.3	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.3	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.3	0.85	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.3	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.3	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.3	0.29	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.3	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.3	0.50	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.3	0.51	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.3	3.3	ug/kg	1
Styrene	100-42-5	8260B	ND		6.3	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.3	0.59	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.67	J	6.3	0.63	ug/kg	1
Toluene	108-88-3	8260B	ND		6.3	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/30/2013 2004	AAC		28440	6.23

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.3	0.79	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.3	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.3	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.3	0.99	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.3	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.3	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.3	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.3	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1658	AAC		28572	5.41
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	13	J	24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.83	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	0.99	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.80	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.87	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.81	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	23		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1658	AAC		28572	5.41

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.75	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.94	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0101	JJG		28468	5.95
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.9	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.9	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.9	0.32	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.9	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.2	J	6.9	0.69	ug/kg	1
Toluene	108-88-3	8260B	ND		6.9	2.3	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0101	JJG		28468	5.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	0.87	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		80	53-142
Bromofluorobenzene		84	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0125	JJG		28468	6.97
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	6.2	ug/kg	1
Benzene	71-43-2	8260B	ND		4.6	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.6	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.6	0.65	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.2	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.6	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.6	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.6	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.6	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.6	0.77	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	0.92	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.6	0.62	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.6	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	0.79	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	0.92	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	0.70	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	0.84	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	0.63	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	0.76	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.6	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.2	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.6	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.6	0.91	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.2	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.6	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.6	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.6	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.6	0.46	ug/kg	1
Toluene	108-88-3	8260B	ND		4.6	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0125	JJG		28468	6.97

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	0.58	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	0.79	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	0.73	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.6	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.6	0.80	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.6	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0148	JJG		28468	6.17
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	9.2		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0148	JJG		28468	6.17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		84	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0212	JJG		28468	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	2.9	J	5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0212	JJG		28468	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		86	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0236	JJG		28468	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.8	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.98	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.98	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.8	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.8	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0236	JJG		28468	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.62	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		86	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0259	JJG		28468	6.55

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	6.2	ug/kg	1
Benzene	71-43-2	8260B	ND		4.6	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.6	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.6	0.64	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.2	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.6	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.6	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.6	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.6	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.6	0.76	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	0.92	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.6	0.62	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.6	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	0.78	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	0.67	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	0.92	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	0.70	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	0.84	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	0.63	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	0.76	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.6	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.2	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.6	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.6	0.90	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.2	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.6	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.6	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.6	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.6	0.46	ug/kg	1
Toluene	108-88-3	8260B	ND		4.6	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0259	JJG		28468	6.55

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	0.58	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	0.78	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	0.73	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.6	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.6	0.79	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.6	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		92	53-142
Bromofluorobenzene		75	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0323	JJG		28468	5.99
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.83	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0323	JJG		28468	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.90	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.98	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		83	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1440	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	08/30/2013 1440	JAC		28454				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		94	70-130								
Bromofluorobenzene		91	70-130								
Toluene-d8		88	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0346	JJG		28468	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.92	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.75	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.81	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.91	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0346	JJG		28468	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.70	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		83	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0410	JJG		28468	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		26	8.8	ug/kg	1
Benzene	71-43-2	8260B	ND		6.6	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.6	2.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.6	0.92	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.6	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.6	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.6	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.6	2.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.6	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.6	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.6	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.6	0.89	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.6	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.6	2.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.6	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.6	2.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.6	2.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.6	2.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.6	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.6	0.96	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.6	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.6	2.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.6	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.6	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.6	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.6	0.89	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.6	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.6	2.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.6	0.30	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.6	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.6	0.53	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.6	0.54	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.6	3.4	ug/kg	1
Styrene	100-42-5	8260B	ND		6.6	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.6	0.62	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.6	0.66	ug/kg	1
Toluene	108-88-3	8260B	ND		6.6	2.2	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/31/2013 0410	JJG		28468	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.6	0.83	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.6	2.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.6	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.6	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.6	2.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.6	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.6	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.6	3.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		81	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28376-001

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/30/2013 0032
Benzene	ND		1	5.0	1.1	ug/kg	08/30/2013 0032
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
Bromoform	ND		1	5.0	0.70	ug/kg	08/30/2013 0032
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/30/2013 0032
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/30/2013 0032
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/30/2013 0032
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/30/2013 0032
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
Chloroethane	ND		1	5.0	1.3	ug/kg	08/30/2013 0032
Chloroform	ND		1	5.0	0.83	ug/kg	08/30/2013 0032
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/30/2013 0032
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/30/2013 0032
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/30/2013 0032
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/30/2013 0032
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/30/2013 0032
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/30/2013 0032
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/30/2013 0032
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/30/2013 0032
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/30/2013 0032
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/30/2013 0032
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/30/2013 0032
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/30/2013 0032
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
2-Hexanone	ND		1	10	1.3	ug/kg	08/30/2013 0032
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/30/2013 0032
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/30/2013 0032
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/30/2013 0032
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/30/2013 0032
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/30/2013 0032
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/30/2013 0032
Styrene	ND		1	5.0	1.1	ug/kg	08/30/2013 0032
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/30/2013 0032
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/30/2013 0032
Toluene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/30/2013 0032
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 0032
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/30/2013 0032
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/30/2013 0032

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28376-001

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/30/2013 0032
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/30/2013 0032
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/30/2013 0032
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/30/2013 0032
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		96	47-138				
1,2-Dichloroethane-d4		92	53-142				
Toluene-d8		91	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28376-002

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	91		1	91	60-140	08/29/2013 2254
Benzene	50	48		1	96	69-123	08/29/2013 2254
Bromodichloromethane	50	47		1	95	69-121	08/29/2013 2254
Bromoform	50	47		1	95	61-119	08/29/2013 2254
Bromomethane (Methyl bromide)	50	54		1	107	10-168	08/29/2013 2254
2-Butanone (MEK)	100	98		1	98	57-148	08/29/2013 2254
Carbon disulfide	50	55		1	110	58-122	08/29/2013 2254
Carbon tetrachloride	50	52		1	104	58-136	08/29/2013 2254
Chlorobenzene	50	47		1	94	59-129	08/29/2013 2254
Chloroethane	50	54		1	109	42-163	08/29/2013 2254
Chloroform	50	49		1	97	71-125	08/29/2013 2254
Chloromethane (Methyl chloride)	50	52		1	104	34-134	08/29/2013 2254
Cyclohexane	50	48		1	97	53-139	08/29/2013 2254
1,2-Dibromo-3-chloropropane (DBCP)	50	54		1	108	55-125	08/29/2013 2254
Dibromochloromethane	50	48		1	97	66-119	08/29/2013 2254
1,2-Dibromoethane (EDB)	50	48		1	96	74-124	08/29/2013 2254
1,4-Dichlorobenzene	50	50		1	100	52-133	08/29/2013 2254
1,3-Dichlorobenzene	50	49		1	99	51-134	08/29/2013 2254
1,2-Dichlorobenzene	50	52		1	104	57-131	08/29/2013 2254
Dichlorodifluoromethane	50	48		1	96	10-157	08/29/2013 2254
1,2-Dichloroethane	50	48		1	97	67-129	08/29/2013 2254
1,1-Dichloroethane	50	52		1	104	71-127	08/29/2013 2254
trans-1,2-Dichloroethene	50	53		1	106	68-131	08/29/2013 2254
cis-1,2-Dichloroethene	50	51		1	101	70-122	08/29/2013 2254
1,1-Dichloroethene	50	49		1	98	69-138	08/29/2013 2254
1,2-Dichloropropane	50	47		1	95	72-124	08/29/2013 2254
trans-1,3-Dichloropropene	50	54		1	109	70-124	08/29/2013 2254
cis-1,3-Dichloropropene	50	50		1	99	70-126	08/29/2013 2254
Ethylbenzene	50	48		1	96	59-128	08/29/2013 2254
2-Hexanone	100	100		1	101	54-137	08/29/2013 2254
Isopropylbenzene	50	50		1	101	50-136	08/29/2013 2254
Methyl acetate	50	45		1	90	59-137	08/29/2013 2254
Methyl tertiary butyl ether (MTBE)	50	53		1	106	70-130	08/29/2013 2254
4-Methyl-2-pentanone	100	100		1	103	60-134	08/29/2013 2254
Methylcyclohexane	50	51		1	102	41-144	08/29/2013 2254
Methylene chloride	50	55		1	110	70-130	08/29/2013 2254
Styrene	50	52		1	105	54-136	08/29/2013 2254
1,1,2,2-Tetrachloroethane	50	50		1	100	69-132	08/29/2013 2254
Tetrachloroethene	50	47		1	93	45-150	08/29/2013 2254
Toluene	50	48		1	96	61-129	08/29/2013 2254
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	102	49-136	08/29/2013 2254
1,2,4-Trichlorobenzene	50	60		1	119	34-145	08/29/2013 2254
1,1,2-Trichloroethane	50	48		1	96	55-128	08/29/2013 2254
1,1,1-Trichloroethane	50	49		1	97	63-128	08/29/2013 2254

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28376-002

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	51		1	101	62-126	08/29/2013 2254
Trichlorofluoromethane	50	51		1	102	45-138	08/29/2013 2254
Vinyl chloride	50	59		1	117	42-132	08/29/2013 2254
Xylenes (total)	100	110		1	113	58-128	08/29/2013 2254
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		87	53-142				
Toluene-d8		96	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28376-003

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	109	18	60-140	20	08/29/2013 2321
Benzene	50	49		1	98	1.9	69-123	20	08/29/2013 2321
Bromodichloromethane	50	49		1	97	2.7	69-121	20	08/29/2013 2321
Bromoform	50	49		1	98	3.4	61-119	20	08/29/2013 2321
Bromomethane (Methyl bromide)	50	52		1	105	2.0	10-168	20	08/29/2013 2321
2-Butanone (MEK)	100	100		1	100	2.3	57-148	20	08/29/2013 2321
Carbon disulfide	50	54		1	109	1.0	58-122	20	08/29/2013 2321
Carbon tetrachloride	50	47		1	95	9.3	58-136	20	08/29/2013 2321
Chlorobenzene	50	49		1	99	5.1	59-129	20	08/29/2013 2321
Chloroethane	50	54		1	107	1.6	42-163	20	08/29/2013 2321
Chloroform	50	47		1	94	3.2	71-125	20	08/29/2013 2321
Chloromethane (Methyl chloride)	50	51		1	102	1.7	34-134	20	08/29/2013 2321
Cyclohexane	50	48		1	96	0.65	53-139	20	08/29/2013 2321
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	14	55-125	20	08/29/2013 2321
Dibromochloromethane	50	48		1	95	1.2	66-119	20	08/29/2013 2321
1,2-Dibromoethane (EDB)	50	49		1	98	1.6	74-124	20	08/29/2013 2321
1,4-Dichlorobenzene	50	47		1	95	5.1	52-133	20	08/29/2013 2321
1,3-Dichlorobenzene	50	49		1	99	0.010	51-134	20	08/29/2013 2321
1,2-Dichlorobenzene	50	48		1	96	7.7	57-131	20	08/29/2013 2321
Dichlorodifluoromethane	50	46		1	92	4.9	10-157	20	08/29/2013 2321
1,2-Dichloroethane	50	46		1	91	5.9	67-129	20	08/29/2013 2321
1,1-Dichloroethane	50	52		1	103	0.48	71-127	20	08/29/2013 2321
trans-1,2-Dichloroethene	50	52		1	104	1.8	68-131	20	08/29/2013 2321
cis-1,2-Dichloroethene	50	51		1	102	1.0	70-122	20	08/29/2013 2321
1,1-Dichloroethene	50	49		1	97	0.91	69-138	20	08/29/2013 2321
1,2-Dichloropropane	50	48		1	97	2.3	72-124	20	08/29/2013 2321
trans-1,3-Dichloropropene	50	49		1	98	11	70-124	20	08/29/2013 2321
cis-1,3-Dichloropropene	50	50		1	100	0.63	70-126	20	08/29/2013 2321
Ethylbenzene	50	49		1	98	1.5	59-128	20	08/29/2013 2321
2-Hexanone	100	100		1	101	0.19	54-137	20	08/29/2013 2321
Isopropylbenzene	50	51		1	102	1.5	50-136	20	08/29/2013 2321
Methyl acetate	50	45		1	91	0.78	59-137	20	08/29/2013 2321
Methyl tertiary butyl ether (MTBE)	50	52		1	103	2.7	70-130	20	08/29/2013 2321
4-Methyl-2-pentanone	100	110		1	106	2.8	60-134	20	08/29/2013 2321
Methylcyclohexane	50	52		1	103	0.78	41-144	20	08/29/2013 2321
Methylene chloride	50	54		1	109	0.65	70-130	20	08/29/2013 2321
Styrene	50	48		1	96	9.1	54-136	20	08/29/2013 2321
1,1,2,2-Tetrachloroethane	50	50		1	101	1.1	69-132	20	08/29/2013 2321
Tetrachloroethene	50	48		1	96	2.6	45-150	20	08/29/2013 2321
Toluene	50	49		1	98	1.9	61-129	20	08/29/2013 2321
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	2.2	49-136	20	08/29/2013 2321
1,2,4-Trichlorobenzene	50	52		1	105	13	34-145	20	08/29/2013 2321
1,1,2-Trichloroethane	50	49		1	98	2.4	55-128	20	08/29/2013 2321
1,1,1-Trichloroethane	50	49		1	98	0.18	63-128	20	08/29/2013 2321

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28376-003

Matrix: Solid

Batch: 28376

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	49		1	99	2.6	62-126	20	08/29/2013 2321
Trichlorofluoromethane	50	50		1	100	1.3	45-138	20	08/29/2013 2321
Vinyl chloride	50	58		1	116	0.62	42-132	20	08/29/2013 2321
Xylenes (total)	100	100		1	100	12	58-128	20	08/29/2013 2321
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		88	47-138						
1,2-Dichloroethane-d4		83	53-142						
Toluene-d8		85	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28440-001

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/30/2013 1235
Benzene	ND		1	5.0	1.1	ug/kg	08/30/2013 1235
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
Bromoform	ND		1	5.0	0.70	ug/kg	08/30/2013 1235
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/30/2013 1235
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/30/2013 1235
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/30/2013 1235
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/30/2013 1235
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
Chloroethane	ND		1	5.0	1.3	ug/kg	08/30/2013 1235
Chloroform	ND		1	5.0	0.83	ug/kg	08/30/2013 1235
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/30/2013 1235
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/30/2013 1235
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/30/2013 1235
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/30/2013 1235
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/30/2013 1235
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/30/2013 1235
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/30/2013 1235
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/30/2013 1235
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/30/2013 1235
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/30/2013 1235
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/30/2013 1235
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/30/2013 1235
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
2-Hexanone	ND		1	10	1.3	ug/kg	08/30/2013 1235
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/30/2013 1235
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/30/2013 1235
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/30/2013 1235
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/30/2013 1235
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/30/2013 1235
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/30/2013 1235
Styrene	ND		1	5.0	1.1	ug/kg	08/30/2013 1235
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/30/2013 1235
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/30/2013 1235
Toluene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/30/2013 1235
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/30/2013 1235
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/30/2013 1235
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/30/2013 1235

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28440-001

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/30/2013 1235
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/30/2013 1235
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/30/2013 1235
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/30/2013 1235
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	47-138				
1,2-Dichloroethane-d4		98	53-142				
Toluene-d8		94	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28440-002

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	130		1	126	60-140	08/30/2013 1100
Benzene	50	43		1	87	69-123	08/30/2013 1100
Bromodichloromethane	50	44		1	87	69-121	08/30/2013 1100
Bromoform	50	44		1	89	61-119	08/30/2013 1100
Bromomethane (Methyl bromide)	50	50		1	100	10-168	08/30/2013 1100
2-Butanone (MEK)	100	100		1	105	57-148	08/30/2013 1100
Carbon disulfide	50	51		1	102	58-122	08/30/2013 1100
Carbon tetrachloride	50	45		1	89	58-136	08/30/2013 1100
Chlorobenzene	50	42		1	83	59-129	08/30/2013 1100
Chloroethane	50	49		1	98	42-163	08/30/2013 1100
Chloroform	50	44		1	88	71-125	08/30/2013 1100
Chloromethane (Methyl chloride)	50	51		1	103	34-134	08/30/2013 1100
Cyclohexane	50	43		1	87	53-139	08/30/2013 1100
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	55-125	08/30/2013 1100
Dibromochloromethane	50	43		1	86	66-119	08/30/2013 1100
1,2-Dibromoethane (EDB)	50	43		1	87	74-124	08/30/2013 1100
1,2-Dichlorobenzene	50	42		1	85	57-131	08/30/2013 1100
1,4-Dichlorobenzene	50	43		1	86	52-133	08/30/2013 1100
1,3-Dichlorobenzene	50	42		1	84	51-134	08/30/2013 1100
Dichlorodifluoromethane	50	42		1	84	10-157	08/30/2013 1100
1,2-Dichloroethane	50	46		1	91	67-129	08/30/2013 1100
1,1-Dichloroethane	50	47		1	94	71-127	08/30/2013 1100
1,1-Dichloroethene	50	43		1	87	69-138	08/30/2013 1100
cis-1,2-Dichloroethene	50	45		1	91	70-122	08/30/2013 1100
trans-1,2-Dichloroethene	50	48		1	95	68-131	08/30/2013 1100
1,2-Dichloropropane	50	44		1	87	72-124	08/30/2013 1100
trans-1,3-Dichloropropene	50	43		1	86	70-124	08/30/2013 1100
cis-1,3-Dichloropropene	50	43		1	86	70-126	08/30/2013 1100
Ethylbenzene	50	40		1	81	59-128	08/30/2013 1100
2-Hexanone	100	94		1	94	54-137	08/30/2013 1100
Isopropylbenzene	50	42		1	85	50-136	08/30/2013 1100
Methyl acetate	50	49		1	97	59-137	08/30/2013 1100
Methyl tertiary butyl ether (MTBE)	50	49		1	98	70-130	08/30/2013 1100
4-Methyl-2-pentanone	100	100		1	100	60-134	08/30/2013 1100
Methylcyclohexane	50	44		1	88	41-144	08/30/2013 1100
Methylene chloride	50	48		1	97	70-130	08/30/2013 1100
Styrene	50	43		1	87	54-136	08/30/2013 1100
1,1,2,2-Tetrachloroethane	50	45		1	89	69-132	08/30/2013 1100
Tetrachloroethene	50	41		1	81	45-150	08/30/2013 1100
Toluene	50	43		1	85	61-129	08/30/2013 1100
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	46		1	93	49-136	08/30/2013 1100
1,2,4-Trichlorobenzene	50	41		1	81	34-145	08/30/2013 1100
1,1,1-Trichloroethane	50	46		1	93	63-128	08/30/2013 1100
1,1,2-Trichloroethane	50	41		1	83	55-128	08/30/2013 1100

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28440-002

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	42		1	84	62-126	08/30/2013 1100
Trichlorofluoromethane	50	47		1	94	45-138	08/30/2013 1100
Vinyl chloride	50	59		1	117	42-132	08/30/2013 1100
Xylenes (total)	100	85		1	85	58-128	08/30/2013 1100
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		86	47-138				
1,2-Dichloroethane-d4		89	53-142				
Toluene-d8		88	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28440-003

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	120		1	122	3.3	60-140	20	08/30/2013 1124
Benzene	50	44		1	87	0.51	69-123	20	08/30/2013 1124
Bromodichloromethane	50	44		1	88	0.73	69-121	20	08/30/2013 1124
Bromoform	50	41		1	83	6.6	61-119	20	08/30/2013 1124
Bromomethane (Methyl bromide)	50	50		1	100	0.31	10-168	20	08/30/2013 1124
2-Butanone (MEK)	100	96		1	96	8.9	57-148	20	08/30/2013 1124
Carbon disulfide	50	49		1	98	4.1	58-122	20	08/30/2013 1124
Carbon tetrachloride	50	43		1	85	5.0	58-136	20	08/30/2013 1124
Chlorobenzene	50	42		1	83	0.26	59-129	20	08/30/2013 1124
Chloroethane	50	49		1	98	0.045	42-163	20	08/30/2013 1124
Chloroform	50	44		1	88	0.44	71-125	20	08/30/2013 1124
Chloromethane (Methyl chloride)	50	50		1	100	2.5	34-134	20	08/30/2013 1124
Cyclohexane	50	43		1	86	0.57	53-139	20	08/30/2013 1124
1,2-Dibromo-3-chloropropane (DBCP)	50	41		1	82	2.7	55-125	20	08/30/2013 1124
Dibromochloromethane	50	42		1	84	2.6	66-119	20	08/30/2013 1124
1,2-Dibromoethane (EDB)	50	42		1	84	2.6	74-124	20	08/30/2013 1124
1,2-Dichlorobenzene	50	43		1	86	0.80	57-131	20	08/30/2013 1124
1,4-Dichlorobenzene	50	44		1	88	1.7	52-133	20	08/30/2013 1124
1,3-Dichlorobenzene	50	43		1	85	1.1	51-134	20	08/30/2013 1124
Dichlorodifluoromethane	50	41		1	82	2.7	10-157	20	08/30/2013 1124
1,2-Dichloroethane	50	44		1	89	3.2	67-129	20	08/30/2013 1124
1,1-Dichloroethane	50	45		1	90	4.5	71-127	20	08/30/2013 1124
1,1-Dichloroethene	50	43		1	86	0.79	69-138	20	08/30/2013 1124
cis-1,2-Dichloroethene	50	44		1	88	2.6	70-122	20	08/30/2013 1124
trans-1,2-Dichloroethene	50	46		1	92	3.1	68-131	20	08/30/2013 1124
1,2-Dichloropropane	50	44		1	88	1.0	72-124	20	08/30/2013 1124
trans-1,3-Dichloropropene	50	43		1	86	0.57	70-124	20	08/30/2013 1124
cis-1,3-Dichloropropene	50	44		1	88	2.7	70-126	20	08/30/2013 1124
Ethylbenzene	50	40		1	79	2.2	59-128	20	08/30/2013 1124
2-Hexanone	100	99		1	99	5.1	54-137	20	08/30/2013 1124
Isopropylbenzene	50	44		1	88	3.5	50-136	20	08/30/2013 1124
Methyl acetate	50	46		1	92	5.4	59-137	20	08/30/2013 1124
Methyl tertiary butyl ether (MTBE)	50	48		1	95	2.8	70-130	20	08/30/2013 1124
4-Methyl-2-pentanone	100	100		1	103	2.4	60-134	20	08/30/2013 1124
Methylcyclohexane	50	45		1	89	0.96	41-144	20	08/30/2013 1124
Methylene chloride	50	48		1	97	0.24	70-130	20	08/30/2013 1124
Styrene	50	42		1	84	2.6	54-136	20	08/30/2013 1124
1,1,2,2-Tetrachloroethane	50	47		1	93	4.8	69-132	20	08/30/2013 1124
Tetrachloroethene	50	41		1	82	0.58	45-150	20	08/30/2013 1124
Toluene	50	44		1	89	4.0	61-129	20	08/30/2013 1124
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	45		1	90	2.7	49-136	20	08/30/2013 1124
1,2,4-Trichlorobenzene	50	43		1	86	5.9	34-145	20	08/30/2013 1124
1,1,1-Trichloroethane	50	45		1	91	1.8	63-128	20	08/30/2013 1124
1,1,2-Trichloroethane	50	41		1	82	1.5	55-128	20	08/30/2013 1124

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28440-003

Matrix: Solid

Batch: 28440

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	43		1	86	1.5	62-126	20	08/30/2013 1124
Trichlorofluoromethane	50	46		1	93	1.1	45-138	20	08/30/2013 1124
Vinyl chloride	50	56		1	112	4.4	42-132	20	08/30/2013 1124
Xylenes (total)	100	83		1	83	2.9	58-128	20	08/30/2013 1124
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		87	47-138						
1,2-Dichloroethane-d4		89	53-142						
Toluene-d8		89	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28454-001

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	08/30/2013 1036
Benzene	ND		1	5.0	0.20	ug/L	08/30/2013 1036
Bromodichloromethane	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Bromoform	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	08/30/2013 1036
2-Butanone (MEK)	ND		1	10	1.8	ug/L	08/30/2013 1036
Carbon disulfide	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Chlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Chloroethane	ND		1	5.0	0.50	ug/L	08/30/2013 1036
Chloroform	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Cyclohexane	ND		1	5.0	0.98	ug/L	08/30/2013 1036
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	08/30/2013 1036
Dibromochloromethane	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	08/30/2013 1036
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	08/30/2013 1036
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	08/30/2013 1036
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	08/30/2013 1036
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Ethylbenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
2-Hexanone	ND		1	10	1.0	ug/L	08/30/2013 1036
Isopropylbenzene	ND		1	5.0	1.0	ug/L	08/30/2013 1036
Methyl acetate	ND		1	5.0	0.72	ug/L	08/30/2013 1036
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	08/30/2013 1036
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	08/30/2013 1036
Methylcyclohexane	ND		1	5.0	0.95	ug/L	08/30/2013 1036
Methylene chloride	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Styrene	ND		1	5.0	0.10	ug/L	08/30/2013 1036
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Tetrachloroethene	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Toluene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	08/30/2013 1036

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28454-001

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Vinyl chloride	ND		1	2.0	0.10	ug/L	08/30/2013 1036
Xylenes (total)	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		96	70-130				
1,2-Dichloroethane-d4		96	70-130				
Toluene-d8		89	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28454-002

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	60-140	08/30/2013 0904
Benzene	50	53		1	105	70-130	08/30/2013 0904
Bromodichloromethane	50	54		1	108	70-130	08/30/2013 0904
Bromoform	50	53		1	106	70-130	08/30/2013 0904
Bromomethane (Methyl bromide)	50	44		1	88	60-140	08/30/2013 0904
2-Butanone (MEK)	100	110		1	111	60-140	08/30/2013 0904
Carbon disulfide	50	61		1	122	60-140	08/30/2013 0904
Carbon tetrachloride	50	54		1	108	70-130	08/30/2013 0904
Chlorobenzene	50	52		1	104	70-130	08/30/2013 0904
Chloroethane	50	58		1	117	42-163	08/30/2013 0904
Chloroform	50	53		1	106	70-130	08/30/2013 0904
Chloromethane (Methyl chloride)	50	56		1	112	60-140	08/30/2013 0904
Cyclohexane	50	56		1	112	70-130	08/30/2013 0904
1,2-Dibromo-3-chloropropane (DBCP)	50	56		1	113	70-130	08/30/2013 0904
Dibromochloromethane	50	53		1	106	70-130	08/30/2013 0904
1,2-Dibromoethane (EDB)	50	53		1	106	70-130	08/30/2013 0904
1,4-Dichlorobenzene	50	52		1	105	70-130	08/30/2013 0904
1,3-Dichlorobenzene	50	53		1	106	70-130	08/30/2013 0904
1,2-Dichlorobenzene	50	54		1	108	70-130	08/30/2013 0904
Dichlorodifluoromethane	50	44		1	88	60-140	08/30/2013 0904
1,2-Dichloroethane	50	55		1	110	70-130	08/30/2013 0904
1,1-Dichloroethane	50	53		1	105	70-130	08/30/2013 0904
trans-1,2-Dichloroethene	50	55		1	111	70-130	08/30/2013 0904
cis-1,2-Dichloroethene	50	56		1	111	70-130	08/30/2013 0904
1,1-Dichloroethene	50	54		1	109	70-130	08/30/2013 0904
1,2-Dichloropropane	50	53		1	107	70-130	08/30/2013 0904
trans-1,3-Dichloropropene	50	53		1	106	70-130	08/30/2013 0904
cis-1,3-Dichloropropene	50	53		1	105	70-130	08/30/2013 0904
Ethylbenzene	50	54		1	109	70-130	08/30/2013 0904
2-Hexanone	100	100		1	104	60-140	08/30/2013 0904
Isopropylbenzene	50	55		1	110	70-130	08/30/2013 0904
Methyl acetate	50	58		1	116	70-130	08/30/2013 0904
Methyl tertiary butyl ether (MTBE)	50	55		1	110	70-130	08/30/2013 0904
4-Methyl-2-pentanone	100	110		1	111	60-140	08/30/2013 0904
Methylcyclohexane	50	51		1	102	70-130	08/30/2013 0904
Methylene chloride	50	57		1	114	70-130	08/30/2013 0904
Styrene	50	55		1	110	70-130	08/30/2013 0904
1,1,2,2-Tetrachloroethane	50	55		1	110	70-130	08/30/2013 0904
Tetrachloroethene	50	52		1	105	70-130	08/30/2013 0904
Toluene	50	53		1	107	70-130	08/30/2013 0904
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	70-130	08/30/2013 0904
1,2,4-Trichlorobenzene	50	52		1	104	70-130	08/30/2013 0904
1,1,2-Trichloroethane	50	51		1	103	70-130	08/30/2013 0904
1,1,1-Trichloroethane	50	52		1	104	70-130	08/30/2013 0904

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28454-002

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	101	70-130	08/30/2013 0904
Trichlorofluoromethane	50	53		1	106	70-130	08/30/2013 0904
Vinyl chloride	50	54		1	108	70-130	08/30/2013 0904
Xylenes (total)	100	110		1	109	70-130	08/30/2013 0904
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		100	70-130				
1,2-Dichloroethane-d4		99	70-130				
Toluene-d8		95	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28454-003

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	113	5.1	60-140	20	08/30/2013 0927
Benzene	50	53		1	106	0.34	70-130	20	08/30/2013 0927
Bromodichloromethane	50	55		1	109	1.6	70-130	20	08/30/2013 0927
Bromoform	50	54		1	108	1.2	70-130	20	08/30/2013 0927
Bromomethane (Methyl bromide)	50	46		1	92	4.6	60-140	20	08/30/2013 0927
2-Butanone (MEK)	100	110		1	108	2.5	60-140	20	08/30/2013 0927
Carbon disulfide	50	60		1	121	1.4	60-140	20	08/30/2013 0927
Carbon tetrachloride	50	53		1	105	2.4	70-130	20	08/30/2013 0927
Chlorobenzene	50	52		1	104	0.14	70-130	20	08/30/2013 0927
Chloroethane	50	57		1	113	3.0	42-163	20	08/30/2013 0927
Chloroform	50	52		1	105	0.79	70-130	20	08/30/2013 0927
Chloromethane (Methyl chloride)	50	56		1	113	0.62	60-140	20	08/30/2013 0927
Cyclohexane	50	55		1	111	1.4	70-130	20	08/30/2013 0927
1,2-Dibromo-3-chloropropane (DBCP)	50	57		1	115	1.5	70-130	20	08/30/2013 0927
Dibromochloromethane	50	54		1	109	2.1	70-130	20	08/30/2013 0927
1,2-Dibromoethane (EDB)	50	52		1	104	1.5	70-130	20	08/30/2013 0927
1,4-Dichlorobenzene	50	52		1	105	0.031	70-130	20	08/30/2013 0927
1,3-Dichlorobenzene	50	54		1	108	1.2	70-130	20	08/30/2013 0927
1,2-Dichlorobenzene	50	54		1	108	0.24	70-130	20	08/30/2013 0927
Dichlorodifluoromethane	50	43		1	87	1.6	60-140	20	08/30/2013 0927
1,2-Dichloroethane	50	54		1	107	2.5	70-130	20	08/30/2013 0927
1,1-Dichloroethane	50	52		1	104	1.7	70-130	20	08/30/2013 0927
trans-1,2-Dichloroethene	50	56		1	112	0.58	70-130	20	08/30/2013 0927
cis-1,2-Dichloroethene	50	56		1	112	0.69	70-130	20	08/30/2013 0927
1,1-Dichloroethene	50	53		1	106	2.6	70-130	20	08/30/2013 0927
1,2-Dichloropropane	50	52		1	104	2.3	70-130	20	08/30/2013 0927
trans-1,3-Dichloropropene	50	53		1	106	0.49	70-130	20	08/30/2013 0927
cis-1,3-Dichloropropene	50	53		1	106	0.49	70-130	20	08/30/2013 0927
Ethylbenzene	50	54		1	108	0.91	70-130	20	08/30/2013 0927
2-Hexanone	100	98		1	98	5.5	60-140	20	08/30/2013 0927
Isopropylbenzene	50	56		1	112	1.9	70-130	20	08/30/2013 0927
Methyl acetate	50	55		1	109	6.2	70-130	20	08/30/2013 0927
Methyl tertiary butyl ether (MTBE)	50	55		1	109	0.74	70-130	20	08/30/2013 0927
4-Methyl-2-pentanone	100	110		1	107	3.1	60-140	20	08/30/2013 0927
Methylcyclohexane	50	54		1	107	4.8	70-130	20	08/30/2013 0927
Methylene chloride	50	54		1	108	5.0	70-130	20	08/30/2013 0927
Styrene	50	55		1	110	0.36	70-130	20	08/30/2013 0927
1,1,2,2-Tetrachloroethane	50	55		1	109	1.1	70-130	20	08/30/2013 0927
Tetrachloroethene	50	52		1	104	0.26	70-130	20	08/30/2013 0927
Toluene	50	53		1	106	0.46	70-130	20	08/30/2013 0927
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	50		1	99	0.36	70-130	20	08/30/2013 0927
1,2,4-Trichlorobenzene	50	54		1	108	3.5	70-130	20	08/30/2013 0927
1,1,2-Trichloroethane	50	51		1	103	0.17	70-130	20	08/30/2013 0927
1,1,1-Trichloroethane	50	53		1	106	2.4	70-130	20	08/30/2013 0927

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28454-003

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	101	0.11	70-130	20	08/30/2013 0927
Trichlorofluoromethane	50	54		1	109	2.1	70-130	20	08/30/2013 0927
Vinyl chloride	50	54		1	107	1.1	70-130	20	08/30/2013 0927
Xylenes (total)	100	110		1	111	1.2	70-130	20	08/30/2013 0927
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		100	70-130						
1,2-Dichloroethane-d4		99	70-130						
Toluene-d8		95	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28468-001

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	08/31/2013 0013
Benzene	ND		1	5.0	1.1	ug/kg	08/31/2013 0013
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
Bromoform	ND		1	5.0	0.70	ug/kg	08/31/2013 0013
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	08/31/2013 0013
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	08/31/2013 0013
Carbon disulfide	ND		1	5.0	1.3	ug/kg	08/31/2013 0013
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	08/31/2013 0013
Chlorobenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
Chloroethane	ND		1	5.0	1.3	ug/kg	08/31/2013 0013
Chloroform	ND		1	5.0	0.83	ug/kg	08/31/2013 0013
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	08/31/2013 0013
Cyclohexane	ND		1	5.0	0.67	ug/kg	08/31/2013 0013
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	08/31/2013 0013
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	08/31/2013 0013
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	08/31/2013 0013
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	08/31/2013 0013
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	08/31/2013 0013
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	08/31/2013 0013
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	08/31/2013 0013
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	08/31/2013 0013
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	08/31/2013 0013
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	08/31/2013 0013
Ethylbenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
2-Hexanone	ND		1	10	1.3	ug/kg	08/31/2013 0013
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	08/31/2013 0013
Methyl acetate	ND		1	5.0	0.98	ug/kg	08/31/2013 0013
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	08/31/2013 0013
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	08/31/2013 0013
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	08/31/2013 0013
Methylene chloride	ND		1	5.0	2.6	ug/kg	08/31/2013 0013
Styrene	ND		1	5.0	1.1	ug/kg	08/31/2013 0013
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	08/31/2013 0013
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	08/31/2013 0013
Toluene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	08/31/2013 0013
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	08/31/2013 0013
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	08/31/2013 0013
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	08/31/2013 0013

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28468-001

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	08/31/2013 0013
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	08/31/2013 0013
Vinyl chloride	ND		1	5.0	0.86	ug/kg	08/31/2013 0013
Xylenes (total)	ND		1	5.0	2.9	ug/kg	08/31/2013 0013
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		81	47-138				
1,2-Dichloroethane-d4		88	53-142				
Toluene-d8		85	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28468-002

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	96		1	96	60-140	08/30/2013 2239
Benzene	50	52		1	104	69-123	08/30/2013 2239
Bromodichloromethane	50	50		1	100	69-121	08/30/2013 2239
Bromoform	50	50		1	99	61-119	08/30/2013 2239
Bromomethane (Methyl bromide)	50	52		1	105	10-168	08/30/2013 2239
2-Butanone (MEK)	100	97		1	97	57-148	08/30/2013 2239
Carbon disulfide	50	53		1	106	58-122	08/30/2013 2239
Carbon tetrachloride	50	46		1	93	58-136	08/30/2013 2239
Chlorobenzene	50	48		1	96	59-129	08/30/2013 2239
Chloroethane	50	54		1	108	42-163	08/30/2013 2239
Chloroform	50	47		1	94	71-125	08/30/2013 2239
Chloromethane (Methyl chloride)	50	51		1	101	34-134	08/30/2013 2239
Cyclohexane	50	48		1	96	53-139	08/30/2013 2239
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	55-125	08/30/2013 2239
Dibromochloromethane	50	52		1	103	66-119	08/30/2013 2239
1,2-Dibromoethane (EDB)	50	48		1	97	74-124	08/30/2013 2239
1,2-Dichlorobenzene	50	51		1	102	57-131	08/30/2013 2239
1,3-Dichlorobenzene	50	48		1	97	51-134	08/30/2013 2239
1,4-Dichlorobenzene	50	48		1	97	52-133	08/30/2013 2239
Dichlorodifluoromethane	50	45		1	89	10-157	08/30/2013 2239
1,1-Dichloroethane	50	50		1	100	71-127	08/30/2013 2239
1,2-Dichloroethane	50	48		1	97	67-129	08/30/2013 2239
trans-1,2-Dichloroethene	50	52		1	104	68-131	08/30/2013 2239
cis-1,2-Dichloroethene	50	50		1	100	70-122	08/30/2013 2239
1,1-Dichloroethene	50	49		1	98	69-138	08/30/2013 2239
1,2-Dichloropropane	50	49		1	98	72-124	08/30/2013 2239
trans-1,3-Dichloropropene	50	51		1	102	70-124	08/30/2013 2239
cis-1,3-Dichloropropene	50	51		1	103	70-126	08/30/2013 2239
Ethylbenzene	50	51		1	102	59-128	08/30/2013 2239
2-Hexanone	100	110		1	112	54-137	08/30/2013 2239
Isopropylbenzene	50	53		1	105	50-136	08/30/2013 2239
Methyl acetate	50	45		1	90	59-137	08/30/2013 2239
Methyl tertiary butyl ether (MTBE)	50	61		1	121	70-130	08/30/2013 2239
4-Methyl-2-pentanone	100	110		1	108	60-134	08/30/2013 2239
Methylcyclohexane	50	51		1	101	41-144	08/30/2013 2239
Methylene chloride	50	54		1	108	70-130	08/30/2013 2239
Styrene	50	48		1	96	54-136	08/30/2013 2239
1,1,2,2-Tetrachloroethane	50	49		1	99	69-132	08/30/2013 2239
Tetrachloroethene	50	49		1	98	45-150	08/30/2013 2239
Toluene	50	48		1	97	61-129	08/30/2013 2239
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	95	49-136	08/30/2013 2239
1,2,4-Trichlorobenzene	50	59		1	117	34-145	08/30/2013 2239
1,1,2-Trichloroethane	50	49		1	97	55-128	08/30/2013 2239
1,1,1-Trichloroethane	50	48		1	96	63-128	08/30/2013 2239

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28468-002

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	51		1	101	62-126	08/30/2013 2239
Trichlorofluoromethane	50	47		1	94	45-138	08/30/2013 2239
Vinyl chloride	50	58		1	115	42-132	08/30/2013 2239
Xylenes (total)	100	100		1	100	58-128	08/30/2013 2239
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		93	47-138				
1,2-Dichloroethane-d4		94	53-142				
Toluene-d8		97	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28468-003

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	130	+	1	126	26	60-140	20	08/30/2013 2302
Benzene	50	47		1	94	9.7	69-123	20	08/30/2013 2302
Bromodichloromethane	50	48		1	95	4.8	69-121	20	08/30/2013 2302
Bromoform	50	49		1	98	0.92	61-119	20	08/30/2013 2302
Bromomethane (Methyl bromide)	50	49		1	97	7.6	10-168	20	08/30/2013 2302
2-Butanone (MEK)	100	100		1	103	5.9	57-148	20	08/30/2013 2302
Carbon disulfide	50	49		1	98	8.3	58-122	20	08/30/2013 2302
Carbon tetrachloride	50	46		1	91	1.7	58-136	20	08/30/2013 2302
Chlorobenzene	50	49		1	98	1.1	59-129	20	08/30/2013 2302
Chloroethane	50	52		1	103	4.4	42-163	20	08/30/2013 2302
Chloroform	50	46		1	92	2.0	71-125	20	08/30/2013 2302
Chloromethane (Methyl chloride)	50	47		1	93	7.8	34-134	20	08/30/2013 2302
Cyclohexane	50	47		1	93	3.2	53-139	20	08/30/2013 2302
1,2-Dibromo-3-chloropropane (DBCP)	50	55		1	109	8.9	55-125	20	08/30/2013 2302
Dibromochloromethane	50	49		1	98	5.1	66-119	20	08/30/2013 2302
1,2-Dibromoethane (EDB)	50	47		1	95	2.1	74-124	20	08/30/2013 2302
1,2-Dichlorobenzene	50	50		1	99	3.1	57-131	20	08/30/2013 2302
1,3-Dichlorobenzene	50	49		1	97	0.73	51-134	20	08/30/2013 2302
1,4-Dichlorobenzene	50	50		1	100	3.5	52-133	20	08/30/2013 2302
Dichlorodifluoromethane	50	42		1	83	7.1	10-157	20	08/30/2013 2302
1,1-Dichloroethane	50	48		1	96	4.6	71-127	20	08/30/2013 2302
1,2-Dichloroethane	50	45		1	90	7.2	67-129	20	08/30/2013 2302
trans-1,2-Dichloroethene	50	51		1	102	2.2	68-131	20	08/30/2013 2302
cis-1,2-Dichloroethene	50	48		1	96	3.5	70-122	20	08/30/2013 2302
1,1-Dichloroethene	50	46		1	92	6.4	69-138	20	08/30/2013 2302
1,2-Dichloropropane	50	50		1	100	1.8	72-124	20	08/30/2013 2302
trans-1,3-Dichloropropene	50	50		1	101	1.5	70-124	20	08/30/2013 2302
cis-1,3-Dichloropropene	50	48		1	97	5.6	70-126	20	08/30/2013 2302
Ethylbenzene	50	46		1	91	11	59-128	20	08/30/2013 2302
2-Hexanone	100	110		1	108	3.2	54-137	20	08/30/2013 2302
Isopropylbenzene	50	51		1	101	4.3	50-136	20	08/30/2013 2302
Methyl acetate	50	48		1	97	7.2	59-137	20	08/30/2013 2302
Methyl tertiary butyl ether (MTBE)	50	58		1	117	3.5	70-130	20	08/30/2013 2302
4-Methyl-2-pentanone	100	110		1	114	5.3	60-134	20	08/30/2013 2302
Methylcyclohexane	50	47		1	94	7.5	41-144	20	08/30/2013 2302
Methylene chloride	50	51		1	101	6.5	70-130	20	08/30/2013 2302
Styrene	50	49		1	97	0.80	54-136	20	08/30/2013 2302
1,1,2,2-Tetrachloroethane	50	49		1	99	0.079	69-132	20	08/30/2013 2302
Tetrachloroethene	50	45		1	91	7.9	45-150	20	08/30/2013 2302
Toluene	50	50		1	101	3.8	61-129	20	08/30/2013 2302
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	46		1	93	2.3	49-136	20	08/30/2013 2302
1,2,4-Trichlorobenzene	50	52		1	104	12	34-145	20	08/30/2013 2302
1,1,2-Trichloroethane	50	47		1	94	3.8	55-128	20	08/30/2013 2302
1,1,1-Trichloroethane	50	46		1	91	5.1	63-128	20	08/30/2013 2302

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28468-003

Matrix: Solid

Batch: 28468

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	51		1	102	0.71	62-126	20	08/30/2013 2302
Trichlorofluoromethane	50	45		1	91	3.2	45-138	20	08/30/2013 2302
Vinyl chloride	50	55		1	111	4.1	42-132	20	08/30/2013 2302
Xylenes (total)	100	95		1	95	4.5	58-128	20	08/30/2013 2302
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		87	47-138						
1,2-Dichloroethane-d4		85	53-142						
Toluene-d8		86	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28572-001

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/03/2013 1151
Benzene	ND		1	5.0	1.1	ug/kg	09/03/2013 1151
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Bromoform	ND		1	5.0	0.70	ug/kg	09/03/2013 1151
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/03/2013 1151
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/03/2013 1151
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/03/2013 1151
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/03/2013 1151
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Chloroethane	ND		1	5.0	1.3	ug/kg	09/03/2013 1151
Chloroform	ND		1	5.0	0.83	ug/kg	09/03/2013 1151
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/03/2013 1151
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/03/2013 1151
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/03/2013 1151
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/03/2013 1151
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/03/2013 1151
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/03/2013 1151
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/03/2013 1151
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/03/2013 1151
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/03/2013 1151
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/03/2013 1151
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
2-Hexanone	ND		1	10	1.3	ug/kg	09/03/2013 1151
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/03/2013 1151
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/03/2013 1151
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/03/2013 1151
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/03/2013 1151
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/03/2013 1151
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/03/2013 1151
Styrene	ND		1	5.0	1.1	ug/kg	09/03/2013 1151
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/03/2013 1151
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/03/2013 1151
Toluene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/03/2013 1151
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/03/2013 1151
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/03/2013 1151

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28572-001

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/03/2013 1151
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/03/2013 1151
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/03/2013 1151
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		79	47-138				
1,2-Dichloroethane-d4		93	53-142				
Toluene-d8		86	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28572-002

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	100	60-140	09/03/2013 1017
Benzene	50	42		1	83	69-123	09/03/2013 1017
Bromodichloromethane	50	41		1	82	69-121	09/03/2013 1017
Bromoform	50	40		1	79	61-119	09/03/2013 1017
Bromomethane (Methyl bromide)	50	44		1	88	10-168	09/03/2013 1017
2-Butanone (MEK)	100	83		1	83	57-148	09/03/2013 1017
Carbon disulfide	50	45		1	89	58-122	09/03/2013 1017
Carbon tetrachloride	50	39		1	78	58-136	09/03/2013 1017
Chlorobenzene	50	40		1	80	59-129	09/03/2013 1017
Chloroethane	50	43		1	86	42-163	09/03/2013 1017
Chloroform	50	40		1	80	71-125	09/03/2013 1017
Chloromethane (Methyl chloride)	50	42		1	83	34-134	09/03/2013 1017
Cyclohexane	50	40		1	79	53-139	09/03/2013 1017
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	55-125	09/03/2013 1017
Dibromochloromethane	50	39		1	79	66-119	09/03/2013 1017
1,2-Dibromoethane (EDB)	50	40		1	79	74-124	09/03/2013 1017
1,2-Dichlorobenzene	50	42		1	84	57-131	09/03/2013 1017
1,4-Dichlorobenzene	50	40		1	80	52-133	09/03/2013 1017
1,3-Dichlorobenzene	50	41		1	82	51-134	09/03/2013 1017
Dichlorodifluoromethane	50	35		1	71	10-157	09/03/2013 1017
1,1-Dichloroethane	50	42		1	83	71-127	09/03/2013 1017
1,2-Dichloroethane	50	40		1	79	67-129	09/03/2013 1017
1,1-Dichloroethene	50	39		1	77	69-138	09/03/2013 1017
cis-1,2-Dichloroethene	50	40		1	80	70-122	09/03/2013 1017
trans-1,2-Dichloroethene	50	43		1	85	68-131	09/03/2013 1017
1,2-Dichloropropane	50	40		1	81	72-124	09/03/2013 1017
cis-1,3-Dichloropropene	50	41		1	82	70-126	09/03/2013 1017
trans-1,3-Dichloropropene	50	40		1	81	70-124	09/03/2013 1017
Ethylbenzene	50	39		1	79	59-128	09/03/2013 1017
2-Hexanone	100	82		1	82	54-137	09/03/2013 1017
Isopropylbenzene	50	42		1	84	50-136	09/03/2013 1017
Methyl acetate	50	38		1	76	59-137	09/03/2013 1017
Methyl tertiary butyl ether (MTBE)	50	45		1	90	70-130	09/03/2013 1017
4-Methyl-2-pentanone	100	89		1	89	60-134	09/03/2013 1017
Methylcyclohexane	50	42		1	84	41-144	09/03/2013 1017
Methylene chloride	50	42		1	85	70-130	09/03/2013 1017
Styrene	50	40		1	81	54-136	09/03/2013 1017
1,1,2,2-Tetrachloroethane	50	40		1	80	69-132	09/03/2013 1017
Tetrachloroethene	50	40		1	79	45-150	09/03/2013 1017
Toluene	50	41		1	82	61-129	09/03/2013 1017
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	40		1	80	49-136	09/03/2013 1017
1,2,4-Trichlorobenzene	50	42		1	85	34-145	09/03/2013 1017
1,1,2-Trichloroethane	50	39		1	79	55-128	09/03/2013 1017
1,1,1-Trichloroethane	50	41		1	82	63-128	09/03/2013 1017

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28572-002

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	40		1	79	62-126	09/03/2013 1017
Trichlorofluoromethane	50	43		1	87	45-138	09/03/2013 1017
Vinyl chloride	50	48		1	95	42-132	09/03/2013 1017
Xylenes (total)	100	82		1	82	58-128	09/03/2013 1017
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		103	47-138				
1,2-Dichloroethane-d4		119	53-142				
Toluene-d8		108	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28572-003

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	109	8.6	60-140	20	09/03/2013 1040
Benzene	50	38		1	76	8.9	69-123	20	09/03/2013 1040
Bromodichloromethane	50	39		1	79	4.5	69-121	20	09/03/2013 1040
Bromoform	50	40		1	79	0.17	61-119	20	09/03/2013 1040
Bromomethane (Methyl bromide)	50	43		1	87	1.6	10-168	20	09/03/2013 1040
2-Butanone (MEK)	100	92		1	92	9.9	57-148	20	09/03/2013 1040
Carbon disulfide	50	42		1	85	4.6	58-122	20	09/03/2013 1040
Carbon tetrachloride	50	38		1	77	1.0	58-136	20	09/03/2013 1040
Chlorobenzene	50	38		1	75	5.6	59-129	20	09/03/2013 1040
Chloroethane	50	43		1	85	1.5	42-163	20	09/03/2013 1040
Chloroform	50	38		1	75	6.2	71-125	20	09/03/2013 1040
Chloromethane (Methyl chloride)	50	39		1	78	6.6	34-134	20	09/03/2013 1040
Cyclohexane	50	38		1	76	4.6	53-139	20	09/03/2013 1040
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	86	2.3	55-125	20	09/03/2013 1040
Dibromochloromethane	50	39		1	78	1.3	66-119	20	09/03/2013 1040
1,2-Dibromoethane (EDB)	50	38		1	76	4.6	74-124	20	09/03/2013 1040
1,2-Dichlorobenzene	50	39		1	78	7.2	57-131	20	09/03/2013 1040
1,4-Dichlorobenzene	50	39		1	77	3.4	52-133	20	09/03/2013 1040
1,3-Dichlorobenzene	50	39		1	77	5.5	51-134	20	09/03/2013 1040
Dichlorodifluoromethane	50	33		1	66	6.7	10-157	20	09/03/2013 1040
1,1-Dichloroethane	50	40		1	81	3.3	71-127	20	09/03/2013 1040
1,2-Dichloroethane	50	41		1	83	4.1	67-129	20	09/03/2013 1040
1,1-Dichloroethene	50	38		1	75	3.1	69-138	20	09/03/2013 1040
cis-1,2-Dichloroethene	50	40		1	81	1.3	70-122	20	09/03/2013 1040
trans-1,2-Dichloroethene	50	40		1	81	5.4	68-131	20	09/03/2013 1040
1,2-Dichloropropane	50	38		1	76	6.5	72-124	20	09/03/2013 1040
cis-1,3-Dichloropropene	50	39		1	79	3.6	70-126	20	09/03/2013 1040
trans-1,3-Dichloropropene	50	39		1	78	3.2	70-124	20	09/03/2013 1040
Ethylbenzene	50	37		1	74	5.5	59-128	20	09/03/2013 1040
2-Hexanone	100	84		1	84	2.4	54-137	20	09/03/2013 1040
Isopropylbenzene	50	40		1	80	4.5	50-136	20	09/03/2013 1040
Methyl acetate	50	43		1	86	12	59-137	20	09/03/2013 1040
Methyl tertiary butyl ether (MTBE)	50	48		1	95	5.4	70-130	20	09/03/2013 1040
4-Methyl-2-pentanone	100	86		1	86	3.5	60-134	20	09/03/2013 1040
Methylcyclohexane	50	37		1	74	13	41-144	20	09/03/2013 1040
Methylene chloride	50	41		1	82	3.9	70-130	20	09/03/2013 1040
Styrene	50	38		1	76	5.8	54-136	20	09/03/2013 1040
1,1,2,2-Tetrachloroethane	50	41		1	82	2.3	69-132	20	09/03/2013 1040
Tetrachloroethene	50	36		1	72	9.9	45-150	20	09/03/2013 1040
Toluene	50	36		1	73	13	61-129	20	09/03/2013 1040
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	39		1	77	3.4	49-136	20	09/03/2013 1040
1,2,4-Trichlorobenzene	50	42		1	84	0.47	34-145	20	09/03/2013 1040
1,1,2-Trichloroethane	50	39		1	78	0.53	55-128	20	09/03/2013 1040
1,1,1-Trichloroethane	50	39		1	78	5.6	63-128	20	09/03/2013 1040

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28572-003

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	38		1	76	3.8	62-126	20	09/03/2013 1040
Trichlorofluoromethane	50	41		1	82	5.6	45-138	20	09/03/2013 1040
Vinyl chloride	50	46		1	92	3.3	42-132	20	09/03/2013 1040
Xylenes (total)	100	77		1	77	6.9	58-128	20	09/03/2013 1040
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		79	47-138						
1,2-Dichloroethane-d4		86	53-142						
Toluene-d8		84	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28573-001

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		50	1000	340	ug/kg	09/03/2013 1746
Benzene	ND		50	250	55	ug/kg	09/03/2013 1746
Bromodichloromethane	ND		50	250	85	ug/kg	09/03/2013 1746
Bromoform	ND		50	250	35	ug/kg	09/03/2013 1746
Bromomethane (Methyl bromide)	ND		50	250	90	ug/kg	09/03/2013 1746
2-Butanone (MEK)	ND		50	500	120	ug/kg	09/03/2013 1746
Carbon disulfide	ND		50	250	65	ug/kg	09/03/2013 1746
Carbon tetrachloride	ND		50	250	90	ug/kg	09/03/2013 1746
Chlorobenzene	ND		50	250	85	ug/kg	09/03/2013 1746
Chloroethane	ND		50	250	65	ug/kg	09/03/2013 1746
Chloroform	ND		50	250	42	ug/kg	09/03/2013 1746
Chloromethane (Methyl chloride)	ND		50	250	50	ug/kg	09/03/2013 1746
Cyclohexane	ND		50	250	34	ug/kg	09/03/2013 1746
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	250	75	ug/kg	09/03/2013 1746
Dibromochloromethane	ND		50	250	85	ug/kg	09/03/2013 1746
1,2-Dibromoethane (EDB)	ND		50	250	43	ug/kg	09/03/2013 1746
1,2-Dichlorobenzene	ND		50	250	85	ug/kg	09/03/2013 1746
1,3-Dichlorobenzene	ND		50	250	85	ug/kg	09/03/2013 1746
1,4-Dichlorobenzene	ND		50	250	85	ug/kg	09/03/2013 1746
Dichlorodifluoromethane	ND		50	250	80	ug/kg	09/03/2013 1746
1,1-Dichloroethane	ND		50	250	37	ug/kg	09/03/2013 1746
1,2-Dichloroethane	ND		50	250	50	ug/kg	09/03/2013 1746
trans-1,2-Dichloroethene	ND		50	250	75	ug/kg	09/03/2013 1746
cis-1,2-Dichloroethene	ND		50	250	38	ug/kg	09/03/2013 1746
1,1-Dichloroethene	ND		50	250	85	ug/kg	09/03/2013 1746
1,2-Dichloropropane	ND		50	250	46	ug/kg	09/03/2013 1746
trans-1,3-Dichloropropene	ND		50	250	41	ug/kg	09/03/2013 1746
cis-1,3-Dichloropropene	ND		50	250	34	ug/kg	09/03/2013 1746
Ethylbenzene	ND		50	250	85	ug/kg	09/03/2013 1746
2-Hexanone	ND		50	500	65	ug/kg	09/03/2013 1746
Isopropylbenzene	ND		50	250	12	ug/kg	09/03/2013 1746
Methyl acetate	ND		50	250	49	ug/kg	09/03/2013 1746
Methyl tertiary butyl ether (MTBE)	ND		50	250	20	ug/kg	09/03/2013 1746
4-Methyl-2-pentanone	ND		50	500	75	ug/kg	09/03/2013 1746
Methylcyclohexane	ND		50	250	21	ug/kg	09/03/2013 1746
Methylene chloride	ND		50	250	130	ug/kg	09/03/2013 1746
Styrene	ND		50	250	55	ug/kg	09/03/2013 1746
1,1,2,2-Tetrachloroethane	ND		50	250	24	ug/kg	09/03/2013 1746
Tetrachloroethene	ND		50	250	25	ug/kg	09/03/2013 1746
Toluene	ND		50	250	85	ug/kg	09/03/2013 1746
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		50	250	32	ug/kg	09/03/2013 1746
1,2,4-Trichlorobenzene	ND		50	250	85	ug/kg	09/03/2013 1746
1,1,2-Trichloroethane	ND		50	250	40	ug/kg	09/03/2013 1746
1,1,1-Trichloroethane	ND		50	250	43	ug/kg	09/03/2013 1746

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28573-001

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		50	250	95	ug/kg	09/03/2013 1746
Trichlorofluoromethane	ND		50	250	75	ug/kg	09/03/2013 1746
Vinyl chloride	ND		50	250	43	ug/kg	09/03/2013 1746
Xylenes (total)	ND		50	250	150	ug/kg	09/03/2013 1746
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		92	47-138				
1,2-Dichloroethane-d4		128	53-142				
Toluene-d8		109	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28573-002

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	5000	3700		50	74	60-140	09/03/2013 1809
Benzene	2500	2700		50	107	69-123	09/03/2013 1809
Bromodichloromethane	2500	2600		50	105	69-121	09/03/2013 1809
Bromoform	2500	2600		50	102	61-119	09/03/2013 1809
Bromomethane (Methyl bromide)	2500	2000		50	80	10-168	09/03/2013 1809
2-Butanone (MEK)	5000	4200		50	84	57-148	09/03/2013 1809
Carbon disulfide	2500	2400		50	97	58-122	09/03/2013 1809
Carbon tetrachloride	2500	2500		50	99	58-136	09/03/2013 1809
Chlorobenzene	2500	2500		50	100	59-129	09/03/2013 1809
Chloroethane	2500	2400		50	95	42-163	09/03/2013 1809
Chloroform	2500	2500		50	100	71-125	09/03/2013 1809
Chloromethane (Methyl chloride)	2500	2000		50	80	34-134	09/03/2013 1809
Cyclohexane	2500	2400		50	97	53-139	09/03/2013 1809
1,2-Dibromo-3-chloropropane (DBCP)	2500	2400		50	94	55-125	09/03/2013 1809
Dibromochloromethane	2500	2600		50	106	66-119	09/03/2013 1809
1,2-Dibromoethane (EDB)	2500	2600		50	103	74-124	09/03/2013 1809
1,2-Dichlorobenzene	2500	2500		50	98	57-131	09/03/2013 1809
1,3-Dichlorobenzene	2500	2400		50	96	51-134	09/03/2013 1809
1,4-Dichlorobenzene	2500	2200		50	89	52-133	09/03/2013 1809
Dichlorodifluoromethane	2500	1200		50	48	10-157	09/03/2013 1809
1,1-Dichloroethane	2500	2600		50	104	71-127	09/03/2013 1809
1,2-Dichloroethane	2500	2500		50	101	67-129	09/03/2013 1809
trans-1,2-Dichloroethene	2500	2600		50	103	68-131	09/03/2013 1809
cis-1,2-Dichloroethene	2500	2500		50	100	70-122	09/03/2013 1809
1,1-Dichloroethene	2500	2400		50	96	69-138	09/03/2013 1809
1,2-Dichloropropane	2500	2700		50	107	72-124	09/03/2013 1809
trans-1,3-Dichloropropene	2500	2500		50	101	70-124	09/03/2013 1809
cis-1,3-Dichloropropene	2500	2600		50	103	70-126	09/03/2013 1809
Ethylbenzene	2500	2500		50	102	59-128	09/03/2013 1809
2-Hexanone	5000	5100		50	102	54-137	09/03/2013 1809
Isopropylbenzene	2500	2500		50	99	50-136	09/03/2013 1809
Methyl acetate	2500	2300		50	94	59-137	09/03/2013 1809
Methyl tertiary butyl ether (MTBE)	2500	2900		50	114	70-130	09/03/2013 1809
4-Methyl-2-pentanone	5000	5400		50	108	60-134	09/03/2013 1809
Methylcyclohexane	2500	2500		50	100	41-144	09/03/2013 1809
Methylene chloride	2500	2700		50	108	70-130	09/03/2013 1809
Styrene	2500	2700		50	109	54-136	09/03/2013 1809
1,1,2,2-Tetrachloroethane	2500	2400		50	97	69-132	09/03/2013 1809
Tetrachloroethene	2500	2300		50	94	45-150	09/03/2013 1809
Toluene	2500	2600		50	103	61-129	09/03/2013 1809
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2400		50	97	49-136	09/03/2013 1809
1,2,4-Trichlorobenzene	2500	2300		50	93	34-145	09/03/2013 1809
1,1,2-Trichloroethane	2500	2600		50	103	55-128	09/03/2013 1809
1,1,1-Trichloroethane	2500	2500		50	100	63-128	09/03/2013 1809

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28573-002

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	2500	2500		50	101	62-126	09/03/2013 1809
Trichlorofluoromethane	2500	2600		50	103	45-138	09/03/2013 1809
Vinyl chloride	2500	2500		50	100	42-132	09/03/2013 1809
Xylenes (total)	5000	5300		50	106	58-128	09/03/2013 1809
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		107	47-138				
1,2-Dichloroethane-d4		118	53-142				
Toluene-d8		110	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28573-003

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	5000	3300		50	66	11	60-140	20	09/03/2013 1833
Benzene	2500	2600		50	103	4.7	69-123	20	09/03/2013 1833
Bromodichloromethane	2500	2500		50	101	3.3	69-121	20	09/03/2013 1833
Bromoform	2500	2400		50	95	7.6	61-119	20	09/03/2013 1833
Bromomethane (Methyl bromide)	2500	1900		50	75	7.2	10-168	20	09/03/2013 1833
2-Butanone (MEK)	5000	3900		50	78	6.4	57-148	20	09/03/2013 1833
Carbon disulfide	2500	2400		50	95	2.2	58-122	20	09/03/2013 1833
Carbon tetrachloride	2500	2400		50	94	5.5	58-136	20	09/03/2013 1833
Chlorobenzene	2500	2400		50	96	4.9	59-129	20	09/03/2013 1833
Chloroethane	2500	2000		50	81	15	42-163	20	09/03/2013 1833
Chloroform	2500	2400		50	96	3.9	71-125	20	09/03/2013 1833
Chloromethane (Methyl chloride)	2500	2100		50	83	2.6	34-134	20	09/03/2013 1833
Cyclohexane	2500	2400		50	95	2.3	53-139	20	09/03/2013 1833
1,2-Dibromo-3-chloropropane (DBCP)	2500	2300		50	94	0.63	55-125	20	09/03/2013 1833
Dibromochloromethane	2500	2500		50	100	5.2	66-119	20	09/03/2013 1833
1,2-Dibromoethane (EDB)	2500	2500		50	100	2.0	74-124	20	09/03/2013 1833
1,2-Dichlorobenzene	2500	2400		50	96	2.7	57-131	20	09/03/2013 1833
1,3-Dichlorobenzene	2500	2500		50	100	4.2	51-134	20	09/03/2013 1833
1,4-Dichlorobenzene	2500	2300		50	93	3.9	52-133	20	09/03/2013 1833
Dichlorodifluoromethane	2500	1100		50	44	9.2	10-157	20	09/03/2013 1833
1,1-Dichloroethane	2500	2500		50	101	3.0	71-127	20	09/03/2013 1833
1,2-Dichloroethane	2500	2400		50	98	2.9	67-129	20	09/03/2013 1833
trans-1,2-Dichloroethene	2500	2500		50	99	3.5	68-131	20	09/03/2013 1833
cis-1,2-Dichloroethene	2500	2300		50	94	6.5	70-122	20	09/03/2013 1833
1,1-Dichloroethene	2500	2400		50	95	1.6	69-138	20	09/03/2013 1833
1,2-Dichloropropane	2500	2500		50	100	6.7	72-124	20	09/03/2013 1833
trans-1,3-Dichloropropene	2500	2600		50	103	2.3	70-124	20	09/03/2013 1833
cis-1,3-Dichloropropene	2500	2500		50	99	3.7	70-126	20	09/03/2013 1833
Ethylbenzene	2500	2500		50	99	2.8	59-128	20	09/03/2013 1833
2-Hexanone	5000	5100		50	102	0.016	54-137	20	09/03/2013 1833
Isopropylbenzene	2500	2500		50	102	2.4	50-136	20	09/03/2013 1833
Methyl acetate	2500	2200		50	90	4.6	59-137	20	09/03/2013 1833
Methyl tertiary butyl ether (MTBE)	2500	2600		50	106	7.4	70-130	20	09/03/2013 1833
4-Methyl-2-pentanone	5000	5100		50	101	6.8	60-134	20	09/03/2013 1833
Methylcyclohexane	2500	2400		50	96	4.2	41-144	20	09/03/2013 1833
Methylene chloride	2500	2600		50	103	4.3	70-130	20	09/03/2013 1833
Styrene	2500	2500		50	101	7.2	54-136	20	09/03/2013 1833
1,1,2,2-Tetrachloroethane	2500	2500		50	100	3.1	69-132	20	09/03/2013 1833
Tetrachloroethene	2500	2400		50	94	0.48	45-150	20	09/03/2013 1833
Toluene	2500	2400		50	97	5.8	61-129	20	09/03/2013 1833
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2400		50	97	0.43	49-136	20	09/03/2013 1833
1,2,4-Trichlorobenzene	2500	2400		50	97	4.4	34-145	20	09/03/2013 1833
1,1,2-Trichloroethane	2500	2500		50	98	4.7	55-128	20	09/03/2013 1833
1,1,1-Trichloroethane	2500	2400		50	97	3.6	63-128	20	09/03/2013 1833

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28573-003

Matrix: Solid

Batch: 28573

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	2500	2500		50	99	1.3	62-126	20	09/03/2013 1833
Trichlorofluoromethane	2500	2400		50	98	4.7	45-138	20	09/03/2013 1833
Vinyl chloride	2500	2600		50	102	2.8	42-132	20	09/03/2013 1833
Xylenes (total)	5000	5100		50	101	4.8	58-128	20	09/03/2013 1833
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		103	47-138						
1,2-Dichloroethane-d4		114	53-142						
Toluene-d8		106	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33432



Cilent: TRE	Report to Contact: Dan Madison	Sampler (Printed Name): Bill Medlin	Quote No.
Address: 30 Astorwood Dr	Telephone No. / Fax No. / Email: 864 281-0030	Waybill No.	Page
City: Greenville	State: SC	Zip Code: 29615	Number of Containers
Project Name: WFH-Client sou	Preservative: 1. Unpres. 2. NaOH/ZnA 3. H2SO4	4. HNO3 5. HCL 6. Na Thio.	Bottle (See instructions on back)
Project Number: 205809.0000.0001	Matrix: GW/DW/WS/S	Other: Other	Preservative
Sample ID / Description: SB-126 (4-5)	Date: 8-26-13	Time: 0835	Lot No.: 0A26049
Sample ID / Description: SB-126 (20-21)	Date: 8-26-13	Time: 0840	Remarks / Cooler ID: ppm 31.8
Sample ID / Description: SB-127 (14-15)	Date: 8-26-13	Time: 1005	ppm 3.2
Sample ID / Description: SB-127 (22-23)	Date: 8-26-13	Time: 1010	ppm - 83.3
Sample ID / Description: SB-128 (4-5)	Date: 8-26-13	Time: 1105	ppm 0.7
Sample ID / Description: SB-128 (22-23)	Date: 8-26-13	Time: 1110	
Sample ID / Description: SB-130 (15-16)	Date: 8-26-13	Time: 1215	
Sample ID / Description: SB-130 (23-24)	Date: 8-26-13	Time: 1220	
Sample ID / Description: TBK 13305	Date:	Time:	

Turn Around Time Required (Prior lab approval required for expedited TAT): <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal: <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab	Possible Hazard Identification: <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler: Bill Medlin Date: 8/26/13 Time: 1530	1. Received by: A. Fleen Date: 8-26-13 Time: 1330	
2. Relinquished by:	2. Received by:	
3. Relinquished by:	3. Received by:	
4. Relinquished by: A. Fleen Date: 8/26/13 Time: 1710	4. Laboratory Received by: A. Fleen Date: 8-26-13 Time: 1710	

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number F-AD-016
 Revision Number 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: ECG 8/26/13 Lot #: 01726049

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt <u>709 / 1.0 °C</u> / °C / °C / °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a. Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: <u>[Signature]</u>		Date: <u>8/26/13</u>	

Corrective Action taken, if necessary:

Was client notified: Yes No Did client respond: Yes No

SESI employee: _____ Date of response: _____

Comments: _____

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33428



Client: TRC		Report to Contact: DAV Madison Terry Hertz		Supplier (Printed Name): Bill Medlin		Quote No.	
Address: 30 Patwood Dr		Telephone No. / Fax No. / Email: 803 281-0030		Waybill No.		Page: 1 of 2	
City: Greenville SC 29615		Preservative: 1. Unpres. 4. HNO3 7. NeOH		Bottle (See Instructions on back)		Number of Containers	
Project Name: WPH - Clemson		2. NiOH/ZnA 5. HCL		DE Meth		Preservative	
Project Number: 205809-00000001		3. H2SO4 6. Na Thio.		VOC's		Lot No.: OH26049	
Sample ID / Description (Containers for each sample may be combined on one line)		Date		Time		Remarks / Cooler ID	
SB-129 (15-16)		8-26-13		1430		PPM 16.6	
SB-129 (21-22)		8-26-13		1435		PPM - 3.8	
SB-131 (13-14)		8-26-13		1545		PPM - 1.3	
SB-131 (23-24)		8-26-13		1550		PPM 1425	
SB-132 (9-10)		8-26-13		1710			
SB-132 (26-27)		8-26-13		1715			
SB-133 (7-8)		8-27-13		0915			
SB-133 (20-21)		8-27-13		0920			
TBLK-13306							

Turn Around Time Required (Prior lab approval required for expedited TAT)		Sample Disposal		QC Requirements (Specify)		Possible Hazard Identification	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush (Please Specify)	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison
1. Reinquished by / Sampler: Michelle Hays / NASH		Date: 8/27/13	Time: 1328	1. Received by: CFran		Date: 8/26/13	Time: 1328
2. Reinquished by:		Date:	Time:	2. Received by:		Date:	Time:
3. Reinquished by:		Date:	Time:	3. Received by:		Date:	Time:
4. Reinquished by: CFran		Date: 8/27/13	Time: 1643	4. Laboratory Received by: 8/27/13 Kelly W-Pin		Date: 8/27/13	Time: 1643

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33429



Client: TRC		Report to Contact: Dan Madison / Terry Heitz		Sampler (Printed Name): B. J. Medlin		Quote No.	
Address: 30 Patwood Dr		Telephone No. / Fax No. / Email: 864 281-0030		Waybill No.		Page 2 of 2	
City: Greenville SC 29615	State: SC	Zip Code: 29615	Preservative: 1. Unpres. 4. HNO3 7. NaOH				
Project Name: WPH - Clemson	P.O. Number: 205809, 00000001		2. NaOH/ZnA 5. HCL				
Sample ID / Description (Containers for each sample may be combined on one line)		Date	Time	3. H2SO4 6. Na Thio.			
SB-145 (8-9)		8-27-17	1010	Matrix: C-Grab			
SB-145 (23-24)		8-27-17	1015	GWL			
SB-153 (6-7)		8-27-13	1145	DVI			
SB-153 (23-24)		8-27-13	1150	WWS			
Other		S					
Analysis		VOC's					
VOC's		X					
VOC's		X					
VOC's		X					
VOC's		X					
Moisture		X					
Preservative		OH 260019					
Remarks / Cooler ID		PPM 2.6					
Remarks / Cooler ID		PPM 7.2					
Possible Hazard Identification		<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown					
QC Requirements (Specify)		1. Received by: [Signature] Date: 8/26/13 Time: 1325 2. Received by: [Signature] Date: [] Time: [] 3. Received by: [Signature] Date: [] Time: [] 4. Received by: Kelly W. Price Date: 8/27/13 Time: 1643					
Sample Disposal		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab Date: 8/27/13 Time: 1328 Date: [] Time: [] Date: [] Time: [] Date: [] Time: []					
Turn Around Time Required (Prior lab approval required for expedited TAT)		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)					
Relinquished by / Sampler		Michelle Hays / MHH					
Relinquished by		[Signature]					
Relinquished by		[Signature]					
Relinquished by		[Signature]					
LAB USE ONLY		Received on lot (Check) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> for Pack <input type="checkbox"/> Receipt Temp. 1.0 °C Temp. Blank <input type="checkbox"/> YTD N					

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: KWP 1/8/27/13 Lot # 0 H27049

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt: <u>110</u> °C <u>1</u> °C <u>1</u> °C <u>1</u> °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a. Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH ₃ /TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH ₃ /TKN/cyanide/phenol			
Sample labels verified by: <u>KWP</u> Date: <u>8/27/13</u>			
Corrective Action taken, if necessary:			
Was client notified: Yes <input type="checkbox"/> No <input type="checkbox"/>		Did client respond: Yes <input type="checkbox"/> No <input type="checkbox"/>	
SESI employee: _____		Date of response: _____	
Comments: _____			

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 33430



Client TRC	Report to Contact Dan Madison/Ferry Hertz	Sampler (Printed Name) Bill Medlin	Quote No.
Address 30 Popwood Dr	Telephone No. / Fax No. / Email 864 281-0030	Waybill No.	Page 1 of 2
City Greenville SC 29615	Preservative 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/Na 5. HCl 3. H2SO4 6. Na Thio	Matrix OW DW WW S Other	Number of Containers Bottle (See instructions on back) Preservative Lot No. OH X04A
Project Name WPH - Clemson	P.O Number	Analysis	Remarks / Cooler ID
Project Number 205809-0000-0001	Sample ID / Description (Containers for each sample may be combined on one line)	Date	
	SB-160 (11-12)	8-27-13	PPM 3.3
	SB-160 (21-22)	8-27-13	PPM 3.3
	SB-167 (4-5)	8-27-13	PPM 1.8
	SB-167 (20-21)	8-27-13	PPM 11.6
	SB-168 (2-3)	8-27-13	
	SB-168 (20-21)	8-27-13	
	SB-173 (7-8)	8-28-13	
	SB-173 (21-22)	8-28-13	
	TBIK-13307		
Turn Around Time Required (Prior lab approval required for expedited TAT) <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)			
1. Relinquished by Sampler Michelle Hays / MWH			
2. Relinquished by			
3. Relinquished by			
4. Relinquished by ADJ			
<p>Note: All samples are retained for six weeks from receipt unless other arrangements are made.</p>			
QC Requirements (Specify)	Possible Hazard Identification	Date	Time
1. Received by ADJ	<input type="checkbox"/> Mon-Hazard <input type="checkbox"/> Feasible <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown	8/28/13	1140
2. Received by		Date	Time
3. Received by		Date	Time
4. Laboratory Received by ADJ		Date 8/28/13	Time 1620
LAB USE ONLY Receipt on file (Check) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Ice Pack <input type="checkbox"/> Receipt Temp. 1.0 °C			Temp. Blank <input type="checkbox"/> Y / <input type="checkbox"/> N

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: CC 8/28/13 Lot #: 0126049

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt <u>1/-6 °C</u> / <u>1</u> °C / <u>1</u> °C / <u>1</u> °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a. Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: <u>[Signature]</u>		Date: <u>8/29/13</u>	

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee: _____

Date of response: _____

Comments: _____

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OH29076

Date Completed: 09/10/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OH29076 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OH29076

Chains-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blanks – Seven analytical method blanks were analyzed. No target analytes detected in method blanks.

Trip Blanks – TBLK-13308 and TBLK-13309. No target analytes were detected in these trip blanks.

LCS/LCSD – Seven LCS/LCSD pairs were analyzed. LCS/LCSD RPDs are OK except for acetone in batch 28797 which has an RPD of 33%. One sample (TBLK-13309) was analyzed for acetone in this batch and the result was nondetect. No data qualifier was added to acetone in TBLK-13309.

LCS and LCSD recoveries are OK except for high recoveries of vinyl chloride in both the LCS and LCSD for batch 28697. Fourteen samples were analyzed for vinyl chloride in this batch and all were nondetect for vinyl chloride. No data qualifiers were added.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

No data validation flags were assigned.

Validated by Terry Hertz 9/11/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OH29076

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

GC/MS VOC

The LCS/LCSD associated with batch 28697 recovered Vinyl Chloride above the method criteria. No corrective action was required as all associated samples were non-detect for this compound.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OH29076

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-144-(11-12)	Solid	08/29/2013 0940	08/29/2013
002	SB-144-(21-22)	Solid	08/29/2013 0945	08/29/2013
003	SB-143-(18-19)	Solid	08/29/2013 1025	08/29/2013
004	SB-143-(21-22)	Solid	08/29/2013 1030	08/29/2013
005	SB-142-(18-19)	Solid	08/29/2013 1115	08/29/2013
006	SB-142-(21-22)	Solid	08/29/2013 1120	08/29/2013
007	SB-150-(18-19)	Solid	08/29/2013 1200	08/29/2013
008	SB-150-(21-22)	Solid	08/29/2013 1205	08/29/2013
009	SB-175-(0-1)	Solid	08/28/2013 1155	08/29/2013
010	SB-175-(14-15)	Solid	08/28/2013 1200	08/29/2013
011	SB-136-(11-12)	Solid	08/28/2013 1420	08/29/2013
012	SB-136-(18-19)	Solid	08/28/2013 1425	08/29/2013
013	SB-135-(9-10)	Solid	08/28/2013 1535	08/29/2013
014	SB-135-(21-22)	Solid	08/28/2013 1540	08/29/2013
015	SB-134-(15-16)	Solid	08/29/2013 0835	08/29/2013
016	SB-134-(20-21)	Solid	08/29/2013 0840	08/29/2013
017	TBLK-13308	Aqueous	08/28/2013	08/29/2013
018	SB-165-(15-16)	Solid	08/30/2013 0850	08/30/2013
019	SB-165-(19-20)	Solid	08/30/2013 0855	08/30/2013
020	SB-171-(8-9)	Solid	08/30/2013 0950	08/30/2013
021	SB-171-(17-18)	Solid	08/30/2013 0955	08/30/2013
022	SB-170-(11-12)	Solid	08/30/2013 1040	08/30/2013
023	SB-170-(20-21)	Solid	08/30/2013 1045	08/30/2013
024	SB-169-(15-16)	Solid	08/30/2013 1155	08/30/2013
025	SB-169-(21-22)	Solid	08/30/2013 1200	08/30/2013
026	SB-151-(14-15)	Solid	08/29/2013 1345	08/30/2013
027	SB-151-(17-18)	Solid	08/29/2013 1350	08/30/2013
028	SB-159-(16-17)	Solid	08/29/2013 1440	08/30/2013
029	SB-159-(21-22)	Solid	08/29/2013 1445	08/30/2013
030	SB-166-(17-18)	Solid	08/29/2013 1555	08/30/2013
031	SB-166-(20-21)	Solid	08/29/2013 1600	08/30/2013
032	SB-158-(13-14)	Solid	08/30/2013 0805	08/30/2013
033	SB-158-(19-20)	Solid	08/30/2013 0810	08/30/2013
034	TBLK-13309	Aqueous	08/30/2013	08/30/2013

(34 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OH29076

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
002	SB-144-(21-22)	Solid	Tetrachloroethene	8260B	0.94	J	ug/kg	7
003	SB-143-(18-19)	Solid	Tetrachloroethene	8260B	3.9	J	ug/kg	9
004	SB-143-(21-22)	Solid	Tetrachloroethene	8260B	24		ug/kg	11
005	SB-142-(18-19)	Solid	Tetrachloroethene	8260B	29		ug/kg	13
006	SB-142-(21-22)	Solid	Tetrachloroethene	8260B	38		ug/kg	15
007	SB-150-(18-19)	Solid	Acetone	8260B	9.3	J	ug/kg	17
007	SB-150-(18-19)	Solid	Tetrachloroethene	8260B	48		ug/kg	17
008	SB-150-(21-22)	Solid	Tetrachloroethene	8260B	130		ug/kg	19
009	SB-175-(0-1)	Solid	Acetone	8260B	500		ug/kg	21
018	SB-165-(15-16)	Solid	Tetrachloroethene	8260B	190		ug/kg	39
019	SB-165-(19-20)	Solid	Tetrachloroethene	8260B	110		ug/kg	41
020	SB-171-(8-9)	Solid	Acetone	8260B	5.5	J	ug/kg	43
020	SB-171-(8-9)	Solid	Carbon disulfide	8260B	1.2	J	ug/kg	43
021	SB-171-(17-18)	Solid	Tetrachloroethene	8260B	1200		ug/kg	45
021	SB-171-(17-18)	Solid	Trichloroethene	8260B	52		ug/kg	46
022	SB-170-(11-12)	Solid	1,2-Dichlorobenzene	8260B	15		ug/kg	47
022	SB-170-(11-12)	Solid	Isopropylbenzene	8260B	5.9		ug/kg	47
022	SB-170-(11-12)	Solid	Tetrachloroethene	8260B	46		ug/kg	47
022	SB-170-(11-12)	Solid	Xylenes (total)	8260B	5.9		ug/kg	48
023	SB-170-(20-21)	Solid	Tetrachloroethene	8260B	1200		ug/kg	49
024	SB-169-(15-16)	Solid	Tetrachloroethene	8260B	13		ug/kg	51
025	SB-169-(21-22)	Solid	Tetrachloroethene	8260B	20		ug/kg	53
026	SB-151-(14-15)	Solid	Acetone	8260B	250		ug/kg	55
026	SB-151-(14-15)	Solid	Tetrachloroethene	8260B	41		ug/kg	55
027	SB-151-(17-18)	Solid	Tetrachloroethene	8260B	81		ug/kg	57
028	SB-159-(16-17)	Solid	Tetrachloroethene	8260B	99		ug/kg	59
029	SB-159-(21-22)	Solid	cis-1,2-Dichloroethene	8260B	1.4	J	ug/kg	61
029	SB-159-(21-22)	Solid	Tetrachloroethene	8260B	750		ug/kg	61
030	SB-166-(17-18)	Solid	Tetrachloroethene	8260B	940		ug/kg	63
030	SB-166-(17-18)	Solid	Trichloroethene	8260B	2.7	J	ug/kg	64
031	SB-166-(20-21)	Solid	Tetrachloroethene	8260B	570		ug/kg	65
031	SB-166-(20-21)	Solid	Trichloroethene	8260B	2.5	J	ug/kg	66
032	SB-158-(13-14)	Solid	Tetrachloroethene	8260B	19		ug/kg	67
033	SB-158-(19-20)	Solid	Tetrachloroethene	8260B	140		ug/kg	69

(34 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1524	AAC		28572	5.93
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1524	AAC		28572	5.93

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		76	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1547	AAC		28572	6.32

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.94	J	5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1547	AAC		28572	6.32

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1611	AAC		28572	6.80
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.5	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.95	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.86	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.78	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.93	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.9	J	4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/03/2013 1611	AAC		28572	6.80

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1502	AAC		28662	6.44
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.7	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.97	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.97	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.7	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.7	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	24		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1502	AAC		28662	6.44

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1525	AAC		28662	5.77
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		26	8.8	ug/kg	1
Benzene	71-43-2	8260B	ND		6.6	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.6	2.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.6	0.92	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.6	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.6	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.6	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.6	2.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.6	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.6	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.6	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.6	0.89	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.6	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.6	2.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.6	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.6	2.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.6	2.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.6	2.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.6	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.6	0.96	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.6	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.6	2.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.6	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.6	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.6	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.6	0.89	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.6	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.6	2.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.6	0.30	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.6	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.6	0.53	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.6	0.54	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.6	3.4	ug/kg	1
Styrene	100-42-5	8260B	ND		6.6	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.6	0.62	ug/kg	1
Tetrachloroethene	127-18-4	8260B	29		6.6	0.66	ug/kg	1
Toluene	108-88-3	8260B	ND		6.6	2.2	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1525	AAC		28662	5.77

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.6	0.83	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.6	2.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.6	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.6	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.6	2.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.6	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.6	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.6	3.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142
Bromofluorobenzene		81	47-138
Toluene-d8		88	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1549	AAC		28662	5.65

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		30	10	ug/kg	1
Benzene	71-43-2	8260B	ND		7.6	1.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.6	2.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.6	1.1	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.6	2.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	3.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.6	2.0	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.6	2.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.6	2.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.6	2.0	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.6	1.3	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.6	1.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.6	1.0	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.6	2.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.6	2.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.6	1.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.6	2.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.6	2.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.6	2.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.6	2.4	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.6	1.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.6	1.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.6	2.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.6	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.6	2.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.6	1.4	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.6	1.0	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.6	1.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.6	2.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	2.0	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.6	0.35	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.6	1.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.6	0.60	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	2.3	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.6	0.62	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.6	3.9	ug/kg	1
Styrene	100-42-5	8260B	ND		7.6	1.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.6	0.71	ug/kg	1
Tetrachloroethene	127-18-4	8260B	38		7.6	0.76	ug/kg	1
Toluene	108-88-3	8260B	ND		7.6	2.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1549	AAC		28662	5.65

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.6	0.95	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.6	2.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.6	1.3	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.6	1.2	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		7.6	2.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.6	2.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.6	1.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.6	4.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		83	47-138
Toluene-d8		94	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1613	AAC		28662	5.91
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	9.3	J	22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	48		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1613	AAC		28662	5.91

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		94	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1636	AAC		28662	6.28

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	130		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1636	AAC		28662	6.28

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		123	53-142
Bromofluorobenzene		108	47-138
Toluene-d8		110	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1700	AAC		28662	5.09
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	500		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.97	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.96	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1700	AAC		28662	5.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		87	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1723	AAC		28662	5.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.84	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.81	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.88	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.82	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1723	AAC		28662	5.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.76	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.95	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1747	AAC		28662	5.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1747	AAC		28662	5.82

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		90	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1811	AAC		28662	6.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1811	AAC		28662	6.19

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1834	AAC		28662	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.8	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.98	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.98	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.90	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.81	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.8	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.8	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1834	AAC		28662	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.62	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		82	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1858	AAC		28662	6.24
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1858	AAC		28662	6.24

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1922	AAC		28662	6.01

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 1922	AAC		28662	6.01

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	53-142
Bromofluorobenzene		79	47-138
Toluene-d8		92	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2032	AAC		28662	6.15
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2032	AAC		28662	6.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		102	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1202	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	08/30/2013 1202	JAC		28454			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1		
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1		
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1		
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1		
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1		
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1		
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1		
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1		
Surrogate	Q	Run 1 % Recovery	Acceptance Limits							
1,2-Dichloroethane-d4		93	70-130							
Bromofluorobenzene		91	70-130							
Toluene-d8		83	70-130							

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2055	AAC		28662	6.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	190		5.1	0.51	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2055	AAC		28662	6.09

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.64	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142
Bromofluorobenzene		78	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2118	AAC		28662	5.94

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.97	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	110		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/04/2013 2118	AAC		28662	5.94

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		89	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0141	JJG		28697	8.62
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	5.5	J	14	4.7	ug/kg	1
Benzene	71-43-2	8260B	ND		3.5	0.77	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		3.5	1.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		3.5	0.49	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		3.5	1.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		7.0	1.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	1.2	J	3.5	0.91	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		3.5	1.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		3.5	1.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		3.5	0.91	ug/kg	1
Chloroform	67-66-3	8260B	ND		3.5	0.58	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		3.5	0.70	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		3.5	0.47	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		3.5	1.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		3.5	1.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		3.5	0.60	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		3.5	1.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		3.5	1.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		3.5	1.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		3.5	1.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		3.5	0.51	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		3.5	0.70	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		3.5	1.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		3.5	0.53	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		3.5	1.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		3.5	0.64	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		3.5	0.48	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		3.5	0.58	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		3.5	1.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		7.0	0.91	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		3.5	0.16	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		3.5	0.69	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		3.5	0.28	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		7.0	1.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		3.5	0.29	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		3.5	1.8	ug/kg	1
Styrene	100-42-5	8260B	ND		3.5	0.77	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		3.5	0.33	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		3.5	0.35	ug/kg	1
Toluene	108-88-3	8260B	ND		3.5	1.2	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0141	JJG		28697	8.62

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		3.5	0.44	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		3.5	1.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		3.5	0.60	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		3.5	0.56	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		3.5	1.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		3.5	1.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		3.5	0.60	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		3.5	2.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		121	53-142
Bromofluorobenzene		103	47-138
Toluene-d8		113	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0204	JJG		28697	6.09
2	5035	8260B	50	09/07/2013 1858	JJG		28893	5.64

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.88	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.87	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1200		290	29	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0204	JJG		28697	6.09
2	5035	8260B	50	09/07/2013 1858	JJG		28893	5.64

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	52		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142		93	53-142
Bromofluorobenzene		82	47-138		87	47-138
Toluene-d8		95	68-124		96	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0227	JJG		28697	6.17
2	5035	8260B	1	09/05/2013 1820	AAC		28775	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	15		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	5.9		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	46		5.4	0.54	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0227	JJG		28697	6.17
2	5035	8260B	1	09/05/2013 1820	AAC		28775	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	5.9		5.2	3.0	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	53-142		128	53-142
Bromofluorobenzene		95	47-138		101	47-138
Toluene-d8		97	68-124		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0251	JJG		28697	6.00
2	5035	8260B	50	09/07/2013 1921	JJG		28893	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1200		250	25	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0251	JJG		28697	6.00
2	5035	8260B	50	09/07/2013 1921	JJG		28893	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.64	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142		97	53-142
Bromofluorobenzene		85	47-138		91	47-138
Toluene-d8		94	68-124		99	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0314	JJG		28697	6.02
2	5035	8260B	1	09/05/2013 1844	AAC		28775	7.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.83	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.68	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.85	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.73	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.76	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.91	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.82	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.98	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	13		4.3	0.43	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0314	JJG		28697	6.02
2	5035	8260B	1	09/05/2013 1844	AAC		28775	7.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.85	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.79	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.86	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		117	53-142		113	53-142
Bromofluorobenzene		94	47-138		89	47-138
Toluene-d8		103	68-124		99	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0338	JJG		28697	5.98
2	5035	8260B	1	09/05/2013 1907	AAC		28775	5.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.79	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.95	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.85	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	20		5.6	0.56	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0338	JJG		28697	5.98
2	5035	8260B	1	09/05/2013 1907	AAC		28775	5.95

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.95	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.89	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.97	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.3	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	53-142		108	53-142
Bromofluorobenzene		86	47-138		84	47-138
Toluene-d8		96	68-124		97	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0401	JJG		28697	6.75
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	250		18	6.1	ug/kg	1
Benzene	71-43-2	8260B	ND		4.5	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.5	1.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.5	0.64	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.5	1.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.1	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.5	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.5	1.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.5	1.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.5	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.5	0.75	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.5	0.91	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.5	0.61	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.5	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.5	1.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.5	0.77	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.5	1.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.5	1.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.5	1.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.5	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.5	0.66	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.5	0.91	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.5	1.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.5	0.69	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.5	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.5	0.83	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.5	0.62	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.5	0.75	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.5	1.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.1	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.5	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.5	0.89	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.5	0.36	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.1	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.5	0.37	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.5	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.5	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.5	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	41		4.5	0.45	ug/kg	1
Toluene	108-88-3	8260B	ND		4.5	1.5	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0401	JJG		28697	6.75

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.5	0.57	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.5	1.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.5	0.77	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.5	0.72	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.5	1.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.5	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.5	0.78	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.5	2.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	53-142
Bromofluorobenzene		87	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0425	JJG		28697	6.00
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	81		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0425	JJG		28697	6.00

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		131	53-142
Bromofluorobenzene		102	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0449	JJG		28697	5.50
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.1	ug/kg	1
Benzene	71-43-2	8260B	ND		6.1	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.1	0.85	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.1	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.1	0.82	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.1	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.88	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.92	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.82	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	0.99	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.1	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.1	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.1	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.1	0.50	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.1	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.57	ug/kg	1
Tetrachloroethene	127-18-4	8260B	99		6.1	0.61	ug/kg	1
Toluene	108-88-3	8260B	ND		6.1	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0449	JJG		28697	5.50

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	0.76	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.1	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.96	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.1	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.1	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		81	47-138
Toluene-d8		91	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0512	JJG		28697	6.02
2	5035	8260B	50	09/07/2013 1944	JJG		28893	5.97

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.6	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.97	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.83	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	1.4	J	5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.77	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.93	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	750		290	29	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0512	JJG		28697	6.02
2	5035	8260B	50	09/07/2013 1944	JJG		28893	5.97

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.7	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.97	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.90	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.98	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	53-142		91	53-142
Bromofluorobenzene		86	47-138		86	47-138
Toluene-d8		95	68-124		94	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0908	JJG		28697	6.09
2	5035	8260B	50	09/07/2013 2007	JJG		28893	7.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.90	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	940		230	23	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0908	JJG		28697	6.09
2	5035	8260B	50	09/07/2013 2007	JJG		28893	7.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.90	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	2.7	J	5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142		100	53-142
Bromofluorobenzene		81	47-138		94	47-138
Toluene-d8		90	68-124		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0536	JJG		28697	5.89
2	5035	8260B	50	09/07/2013 2029	JJG		28893	6.57

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	570		240	24	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0536	JJG		28697	5.89
2	5035	8260B	50	09/07/2013 2029	JJG		28893	6.57

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	2.5	J	5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	53-142		103	53-142
Bromofluorobenzene		89	47-138		95	47-138
Toluene-d8		96	68-124		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0559	JJG		28697	5.59
2	5035	8260B	1	09/05/2013 1931	AAC		28775	5.61

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	19		5.2	0.52	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0559	JJG		28697	5.59
2	5035	8260B	1	09/05/2013 1931	AAC		28775	5.61

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.0	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		122	53-142		111	53-142
Bromofluorobenzene		98	47-138		88	47-138
Toluene-d8		109	68-124		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0623	JJG		28697	6.17
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		27	9.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.7	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.7	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.7	0.94	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.7	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.7	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.7	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.7	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.7	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.7	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.7	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.7	0.91	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.7	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.7	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.7	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.7	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.7	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.7	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.7	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.7	0.98	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.7	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.7	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.7	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.7	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.7	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.7	0.92	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.7	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.7	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.7	0.31	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.7	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.7	0.54	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.7	0.55	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.7	3.5	ug/kg	1
Styrene	100-42-5	8260B	ND		6.7	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.7	0.63	ug/kg	1
Tetrachloroethene	127-18-4	8260B	140		6.7	0.67	ug/kg	1
Toluene	108-88-3	8260B	ND		6.7	2.3	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/05/2013 0623	JJG		28697	6.17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.7	0.85	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.7	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.7	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.7	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.7	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.7	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.7	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.7	3.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142
Bromofluorobenzene		86	47-138
Toluene-d8		97	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	09/06/2013 0030	TAF		28797			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	09/06/2013 0030	TAF		28797			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1		
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1		
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1		
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1		
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1		
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1		
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1		
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1		
Surrogate	Q	Run 1 % Recovery	Acceptance Limits							
1,2-Dichloroethane-d4		92	70-130							
Bromofluorobenzene		93	70-130							
Toluene-d8		95	70-130							

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28454-001

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	08/30/2013 1036
Benzene	ND		1	5.0	0.20	ug/L	08/30/2013 1036
Bromodichloromethane	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Bromoform	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	08/30/2013 1036
2-Butanone (MEK)	ND		1	10	1.8	ug/L	08/30/2013 1036
Carbon disulfide	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Chlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Chloroethane	ND		1	5.0	0.50	ug/L	08/30/2013 1036
Chloroform	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Cyclohexane	ND		1	5.0	0.98	ug/L	08/30/2013 1036
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	08/30/2013 1036
Dibromochloromethane	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	08/30/2013 1036
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	08/30/2013 1036
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	08/30/2013 1036
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	08/30/2013 1036
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Ethylbenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
2-Hexanone	ND		1	10	1.0	ug/L	08/30/2013 1036
Isopropylbenzene	ND		1	5.0	1.0	ug/L	08/30/2013 1036
Methyl acetate	ND		1	5.0	0.72	ug/L	08/30/2013 1036
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	08/30/2013 1036
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	08/30/2013 1036
Methylcyclohexane	ND		1	5.0	0.95	ug/L	08/30/2013 1036
Methylene chloride	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Styrene	ND		1	5.0	0.10	ug/L	08/30/2013 1036
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Tetrachloroethene	ND		1	5.0	0.40	ug/L	08/30/2013 1036
Toluene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	08/30/2013 1036
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	08/30/2013 1036

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28454-001

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	08/30/2013 1036
Vinyl chloride	ND		1	2.0	0.10	ug/L	08/30/2013 1036
Xylenes (total)	ND		1	5.0	1.7	ug/L	08/30/2013 1036
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		96	70-130				
1,2-Dichloroethane-d4		96	70-130				
Toluene-d8		89	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28454-002

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	119	60-140	08/30/2013 0904
Benzene	50	53		1	105	70-130	08/30/2013 0904
Bromodichloromethane	50	54		1	108	70-130	08/30/2013 0904
Bromoform	50	53		1	106	70-130	08/30/2013 0904
Bromomethane (Methyl bromide)	50	44		1	88	60-140	08/30/2013 0904
2-Butanone (MEK)	100	110		1	111	60-140	08/30/2013 0904
Carbon disulfide	50	61		1	122	60-140	08/30/2013 0904
Carbon tetrachloride	50	54		1	108	70-130	08/30/2013 0904
Chlorobenzene	50	52		1	104	70-130	08/30/2013 0904
Chloroethane	50	58		1	117	42-163	08/30/2013 0904
Chloroform	50	53		1	106	70-130	08/30/2013 0904
Chloromethane (Methyl chloride)	50	56		1	112	60-140	08/30/2013 0904
Cyclohexane	50	56		1	112	70-130	08/30/2013 0904
1,2-Dibromo-3-chloropropane (DBCP)	50	56		1	113	70-130	08/30/2013 0904
Dibromochloromethane	50	53		1	106	70-130	08/30/2013 0904
1,2-Dibromoethane (EDB)	50	53		1	106	70-130	08/30/2013 0904
1,4-Dichlorobenzene	50	52		1	105	70-130	08/30/2013 0904
1,3-Dichlorobenzene	50	53		1	106	70-130	08/30/2013 0904
1,2-Dichlorobenzene	50	54		1	108	70-130	08/30/2013 0904
Dichlorodifluoromethane	50	44		1	88	60-140	08/30/2013 0904
1,2-Dichloroethane	50	55		1	110	70-130	08/30/2013 0904
1,1-Dichloroethane	50	53		1	105	70-130	08/30/2013 0904
trans-1,2-Dichloroethene	50	55		1	111	70-130	08/30/2013 0904
cis-1,2-Dichloroethene	50	56		1	111	70-130	08/30/2013 0904
1,1-Dichloroethene	50	54		1	109	70-130	08/30/2013 0904
1,2-Dichloropropane	50	53		1	107	70-130	08/30/2013 0904
trans-1,3-Dichloropropene	50	53		1	106	70-130	08/30/2013 0904
cis-1,3-Dichloropropene	50	53		1	105	70-130	08/30/2013 0904
Ethylbenzene	50	54		1	109	70-130	08/30/2013 0904
2-Hexanone	100	100		1	104	60-140	08/30/2013 0904
Isopropylbenzene	50	55		1	110	70-130	08/30/2013 0904
Methyl acetate	50	58		1	116	70-130	08/30/2013 0904
Methyl tertiary butyl ether (MTBE)	50	55		1	110	70-130	08/30/2013 0904
4-Methyl-2-pentanone	100	110		1	111	60-140	08/30/2013 0904
Methylcyclohexane	50	51		1	102	70-130	08/30/2013 0904
Methylene chloride	50	57		1	114	70-130	08/30/2013 0904
Styrene	50	55		1	110	70-130	08/30/2013 0904
1,1,2,2-Tetrachloroethane	50	55		1	110	70-130	08/30/2013 0904
Tetrachloroethene	50	52		1	105	70-130	08/30/2013 0904
Toluene	50	53		1	107	70-130	08/30/2013 0904
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	70-130	08/30/2013 0904
1,2,4-Trichlorobenzene	50	52		1	104	70-130	08/30/2013 0904
1,1,2-Trichloroethane	50	51		1	103	70-130	08/30/2013 0904
1,1,1-Trichloroethane	50	52		1	104	70-130	08/30/2013 0904

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28454-002

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	101	70-130	08/30/2013 0904
Trichlorofluoromethane	50	53		1	106	70-130	08/30/2013 0904
Vinyl chloride	50	54		1	108	70-130	08/30/2013 0904
Xylenes (total)	100	110		1	109	70-130	08/30/2013 0904
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		100	70-130				
1,2-Dichloroethane-d4		99	70-130				
Toluene-d8		95	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28454-003

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	113	5.1	60-140	20	08/30/2013 0927
Benzene	50	53		1	106	0.34	70-130	20	08/30/2013 0927
Bromodichloromethane	50	55		1	109	1.6	70-130	20	08/30/2013 0927
Bromoform	50	54		1	108	1.2	70-130	20	08/30/2013 0927
Bromomethane (Methyl bromide)	50	46		1	92	4.6	60-140	20	08/30/2013 0927
2-Butanone (MEK)	100	110		1	108	2.5	60-140	20	08/30/2013 0927
Carbon disulfide	50	60		1	121	1.4	60-140	20	08/30/2013 0927
Carbon tetrachloride	50	53		1	105	2.4	70-130	20	08/30/2013 0927
Chlorobenzene	50	52		1	104	0.14	70-130	20	08/30/2013 0927
Chloroethane	50	57		1	113	3.0	42-163	20	08/30/2013 0927
Chloroform	50	52		1	105	0.79	70-130	20	08/30/2013 0927
Chloromethane (Methyl chloride)	50	56		1	113	0.62	60-140	20	08/30/2013 0927
Cyclohexane	50	55		1	111	1.4	70-130	20	08/30/2013 0927
1,2-Dibromo-3-chloropropane (DBCP)	50	57		1	115	1.5	70-130	20	08/30/2013 0927
Dibromochloromethane	50	54		1	109	2.1	70-130	20	08/30/2013 0927
1,2-Dibromoethane (EDB)	50	52		1	104	1.5	70-130	20	08/30/2013 0927
1,4-Dichlorobenzene	50	52		1	105	0.031	70-130	20	08/30/2013 0927
1,3-Dichlorobenzene	50	54		1	108	1.2	70-130	20	08/30/2013 0927
1,2-Dichlorobenzene	50	54		1	108	0.24	70-130	20	08/30/2013 0927
Dichlorodifluoromethane	50	43		1	87	1.6	60-140	20	08/30/2013 0927
1,2-Dichloroethane	50	54		1	107	2.5	70-130	20	08/30/2013 0927
1,1-Dichloroethane	50	52		1	104	1.7	70-130	20	08/30/2013 0927
trans-1,2-Dichloroethene	50	56		1	112	0.58	70-130	20	08/30/2013 0927
cis-1,2-Dichloroethene	50	56		1	112	0.69	70-130	20	08/30/2013 0927
1,1-Dichloroethene	50	53		1	106	2.6	70-130	20	08/30/2013 0927
1,2-Dichloropropane	50	52		1	104	2.3	70-130	20	08/30/2013 0927
trans-1,3-Dichloropropene	50	53		1	106	0.49	70-130	20	08/30/2013 0927
cis-1,3-Dichloropropene	50	53		1	106	0.49	70-130	20	08/30/2013 0927
Ethylbenzene	50	54		1	108	0.91	70-130	20	08/30/2013 0927
2-Hexanone	100	98		1	98	5.5	60-140	20	08/30/2013 0927
Isopropylbenzene	50	56		1	112	1.9	70-130	20	08/30/2013 0927
Methyl acetate	50	55		1	109	6.2	70-130	20	08/30/2013 0927
Methyl tertiary butyl ether (MTBE)	50	55		1	109	0.74	70-130	20	08/30/2013 0927
4-Methyl-2-pentanone	100	110		1	107	3.1	60-140	20	08/30/2013 0927
Methylcyclohexane	50	54		1	107	4.8	70-130	20	08/30/2013 0927
Methylene chloride	50	54		1	108	5.0	70-130	20	08/30/2013 0927
Styrene	50	55		1	110	0.36	70-130	20	08/30/2013 0927
1,1,2,2-Tetrachloroethane	50	55		1	109	1.1	70-130	20	08/30/2013 0927
Tetrachloroethene	50	52		1	104	0.26	70-130	20	08/30/2013 0927
Toluene	50	53		1	106	0.46	70-130	20	08/30/2013 0927
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	50		1	99	0.36	70-130	20	08/30/2013 0927
1,2,4-Trichlorobenzene	50	54		1	108	3.5	70-130	20	08/30/2013 0927
1,1,2-Trichloroethane	50	51		1	103	0.17	70-130	20	08/30/2013 0927
1,1,1-Trichloroethane	50	53		1	106	2.4	70-130	20	08/30/2013 0927

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28454-003

Matrix: Aqueous

Batch: 28454

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	101	0.11	70-130	20	08/30/2013 0927
Trichlorofluoromethane	50	54		1	109	2.1	70-130	20	08/30/2013 0927
Vinyl chloride	50	54		1	107	1.1	70-130	20	08/30/2013 0927
Xylenes (total)	100	110		1	111	1.2	70-130	20	08/30/2013 0927
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		100	70-130						
1,2-Dichloroethane-d4		99	70-130						
Toluene-d8		95	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28572-001

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/03/2013 1151
Benzene	ND		1	5.0	1.1	ug/kg	09/03/2013 1151
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Bromoform	ND		1	5.0	0.70	ug/kg	09/03/2013 1151
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/03/2013 1151
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/03/2013 1151
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/03/2013 1151
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/03/2013 1151
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Chloroethane	ND		1	5.0	1.3	ug/kg	09/03/2013 1151
Chloroform	ND		1	5.0	0.83	ug/kg	09/03/2013 1151
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/03/2013 1151
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/03/2013 1151
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/03/2013 1151
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/03/2013 1151
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/03/2013 1151
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/03/2013 1151
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/03/2013 1151
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/03/2013 1151
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/03/2013 1151
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/03/2013 1151
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
2-Hexanone	ND		1	10	1.3	ug/kg	09/03/2013 1151
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/03/2013 1151
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/03/2013 1151
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/03/2013 1151
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/03/2013 1151
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/03/2013 1151
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/03/2013 1151
Styrene	ND		1	5.0	1.1	ug/kg	09/03/2013 1151
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/03/2013 1151
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/03/2013 1151
Toluene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/03/2013 1151
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/03/2013 1151
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/03/2013 1151
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/03/2013 1151

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28572-001

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/03/2013 1151
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/03/2013 1151
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/03/2013 1151
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/03/2013 1151
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		79	47-138				
1,2-Dichloroethane-d4		93	53-142				
Toluene-d8		86	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28572-002

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	100	60-140	09/03/2013 1017
Benzene	50	42		1	83	69-123	09/03/2013 1017
Bromodichloromethane	50	41		1	82	69-121	09/03/2013 1017
Bromoform	50	40		1	79	61-119	09/03/2013 1017
Bromomethane (Methyl bromide)	50	44		1	88	10-168	09/03/2013 1017
2-Butanone (MEK)	100	83		1	83	57-148	09/03/2013 1017
Carbon disulfide	50	45		1	89	58-122	09/03/2013 1017
Carbon tetrachloride	50	39		1	78	58-136	09/03/2013 1017
Chlorobenzene	50	40		1	80	59-129	09/03/2013 1017
Chloroethane	50	43		1	86	42-163	09/03/2013 1017
Chloroform	50	40		1	80	71-125	09/03/2013 1017
Chloromethane (Methyl chloride)	50	42		1	83	34-134	09/03/2013 1017
Cyclohexane	50	40		1	79	53-139	09/03/2013 1017
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	55-125	09/03/2013 1017
Dibromochloromethane	50	39		1	79	66-119	09/03/2013 1017
1,2-Dibromoethane (EDB)	50	40		1	79	74-124	09/03/2013 1017
1,2-Dichlorobenzene	50	42		1	84	57-131	09/03/2013 1017
1,4-Dichlorobenzene	50	40		1	80	52-133	09/03/2013 1017
1,3-Dichlorobenzene	50	41		1	82	51-134	09/03/2013 1017
Dichlorodifluoromethane	50	35		1	71	10-157	09/03/2013 1017
1,1-Dichloroethane	50	42		1	83	71-127	09/03/2013 1017
1,2-Dichloroethane	50	40		1	79	67-129	09/03/2013 1017
1,1-Dichloroethene	50	39		1	77	69-138	09/03/2013 1017
cis-1,2-Dichloroethene	50	40		1	80	70-122	09/03/2013 1017
trans-1,2-Dichloroethene	50	43		1	85	68-131	09/03/2013 1017
1,2-Dichloropropane	50	40		1	81	72-124	09/03/2013 1017
cis-1,3-Dichloropropene	50	41		1	82	70-126	09/03/2013 1017
trans-1,3-Dichloropropene	50	40		1	81	70-124	09/03/2013 1017
Ethylbenzene	50	39		1	79	59-128	09/03/2013 1017
2-Hexanone	100	82		1	82	54-137	09/03/2013 1017
Isopropylbenzene	50	42		1	84	50-136	09/03/2013 1017
Methyl acetate	50	38		1	76	59-137	09/03/2013 1017
Methyl tertiary butyl ether (MTBE)	50	45		1	90	70-130	09/03/2013 1017
4-Methyl-2-pentanone	100	89		1	89	60-134	09/03/2013 1017
Methylcyclohexane	50	42		1	84	41-144	09/03/2013 1017
Methylene chloride	50	42		1	85	70-130	09/03/2013 1017
Styrene	50	40		1	81	54-136	09/03/2013 1017
1,1,2,2-Tetrachloroethane	50	40		1	80	69-132	09/03/2013 1017
Tetrachloroethene	50	40		1	79	45-150	09/03/2013 1017
Toluene	50	41		1	82	61-129	09/03/2013 1017
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	40		1	80	49-136	09/03/2013 1017
1,2,4-Trichlorobenzene	50	42		1	85	34-145	09/03/2013 1017
1,1,2-Trichloroethane	50	39		1	79	55-128	09/03/2013 1017
1,1,1-Trichloroethane	50	41		1	82	63-128	09/03/2013 1017

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28572-002

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	40		1	79	62-126	09/03/2013 1017
Trichlorofluoromethane	50	43		1	87	45-138	09/03/2013 1017
Vinyl chloride	50	48		1	95	42-132	09/03/2013 1017
Xylenes (total)	100	82		1	82	58-128	09/03/2013 1017
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		103	47-138				
1,2-Dichloroethane-d4		119	53-142				
Toluene-d8		108	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28572-003

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	109	8.6	60-140	20	09/03/2013 1040
Benzene	50	38		1	76	8.9	69-123	20	09/03/2013 1040
Bromodichloromethane	50	39		1	79	4.5	69-121	20	09/03/2013 1040
Bromoform	50	40		1	79	0.17	61-119	20	09/03/2013 1040
Bromomethane (Methyl bromide)	50	43		1	87	1.6	10-168	20	09/03/2013 1040
2-Butanone (MEK)	100	92		1	92	9.9	57-148	20	09/03/2013 1040
Carbon disulfide	50	42		1	85	4.6	58-122	20	09/03/2013 1040
Carbon tetrachloride	50	38		1	77	1.0	58-136	20	09/03/2013 1040
Chlorobenzene	50	38		1	75	5.6	59-129	20	09/03/2013 1040
Chloroethane	50	43		1	85	1.5	42-163	20	09/03/2013 1040
Chloroform	50	38		1	75	6.2	71-125	20	09/03/2013 1040
Chloromethane (Methyl chloride)	50	39		1	78	6.6	34-134	20	09/03/2013 1040
Cyclohexane	50	38		1	76	4.6	53-139	20	09/03/2013 1040
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	86	2.3	55-125	20	09/03/2013 1040
Dibromochloromethane	50	39		1	78	1.3	66-119	20	09/03/2013 1040
1,2-Dibromoethane (EDB)	50	38		1	76	4.6	74-124	20	09/03/2013 1040
1,2-Dichlorobenzene	50	39		1	78	7.2	57-131	20	09/03/2013 1040
1,4-Dichlorobenzene	50	39		1	77	3.4	52-133	20	09/03/2013 1040
1,3-Dichlorobenzene	50	39		1	77	5.5	51-134	20	09/03/2013 1040
Dichlorodifluoromethane	50	33		1	66	6.7	10-157	20	09/03/2013 1040
1,1-Dichloroethane	50	40		1	81	3.3	71-127	20	09/03/2013 1040
1,2-Dichloroethane	50	41		1	83	4.1	67-129	20	09/03/2013 1040
1,1-Dichloroethene	50	38		1	75	3.1	69-138	20	09/03/2013 1040
cis-1,2-Dichloroethene	50	40		1	81	1.3	70-122	20	09/03/2013 1040
trans-1,2-Dichloroethene	50	40		1	81	5.4	68-131	20	09/03/2013 1040
1,2-Dichloropropane	50	38		1	76	6.5	72-124	20	09/03/2013 1040
cis-1,3-Dichloropropene	50	39		1	79	3.6	70-126	20	09/03/2013 1040
trans-1,3-Dichloropropene	50	39		1	78	3.2	70-124	20	09/03/2013 1040
Ethylbenzene	50	37		1	74	5.5	59-128	20	09/03/2013 1040
2-Hexanone	100	84		1	84	2.4	54-137	20	09/03/2013 1040
Isopropylbenzene	50	40		1	80	4.5	50-136	20	09/03/2013 1040
Methyl acetate	50	43		1	86	12	59-137	20	09/03/2013 1040
Methyl tertiary butyl ether (MTBE)	50	48		1	95	5.4	70-130	20	09/03/2013 1040
4-Methyl-2-pentanone	100	86		1	86	3.5	60-134	20	09/03/2013 1040
Methylcyclohexane	50	37		1	74	13	41-144	20	09/03/2013 1040
Methylene chloride	50	41		1	82	3.9	70-130	20	09/03/2013 1040
Styrene	50	38		1	76	5.8	54-136	20	09/03/2013 1040
1,1,2,2-Tetrachloroethane	50	41		1	82	2.3	69-132	20	09/03/2013 1040
Tetrachloroethene	50	36		1	72	9.9	45-150	20	09/03/2013 1040
Toluene	50	36		1	73	13	61-129	20	09/03/2013 1040
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	39		1	77	3.4	49-136	20	09/03/2013 1040
1,2,4-Trichlorobenzene	50	42		1	84	0.47	34-145	20	09/03/2013 1040
1,1,2-Trichloroethane	50	39		1	78	0.53	55-128	20	09/03/2013 1040
1,1,1-Trichloroethane	50	39		1	78	5.6	63-128	20	09/03/2013 1040

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28572-003

Matrix: Solid

Batch: 28572

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	38		1	76	3.8	62-126	20	09/03/2013 1040
Trichlorofluoromethane	50	41		1	82	5.6	45-138	20	09/03/2013 1040
Vinyl chloride	50	46		1	92	3.3	42-132	20	09/03/2013 1040
Xylenes (total)	100	77		1	77	6.9	58-128	20	09/03/2013 1040
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		79	47-138						
1,2-Dichloroethane-d4		86	53-142						
Toluene-d8		84	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28662-001

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/04/2013 1304
Benzene	ND		1	5.0	1.1	ug/kg	09/04/2013 1304
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
Bromoform	ND		1	5.0	0.70	ug/kg	09/04/2013 1304
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/04/2013 1304
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/04/2013 1304
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/04/2013 1304
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/04/2013 1304
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
Chloroethane	ND		1	5.0	1.3	ug/kg	09/04/2013 1304
Chloroform	ND		1	5.0	0.83	ug/kg	09/04/2013 1304
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/04/2013 1304
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/04/2013 1304
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/04/2013 1304
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/04/2013 1304
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/04/2013 1304
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/04/2013 1304
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/04/2013 1304
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/04/2013 1304
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/04/2013 1304
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/04/2013 1304
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/04/2013 1304
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/04/2013 1304
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
2-Hexanone	ND		1	10	1.3	ug/kg	09/04/2013 1304
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/04/2013 1304
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/04/2013 1304
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/04/2013 1304
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/04/2013 1304
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/04/2013 1304
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/04/2013 1304
Styrene	ND		1	5.0	1.1	ug/kg	09/04/2013 1304
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/04/2013 1304
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/04/2013 1304
Toluene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/04/2013 1304
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/04/2013 1304
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/04/2013 1304
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/04/2013 1304

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28662-001

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/04/2013 1304
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/04/2013 1304
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/04/2013 1304
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/04/2013 1304
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	47-138				
1,2-Dichloroethane-d4		97	53-142				
Toluene-d8		93	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28662-002

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	110	60-140	09/04/2013 1129
Benzene	50	43		1	85	69-123	09/04/2013 1129
Bromodichloromethane	50	42		1	85	69-121	09/04/2013 1129
Bromoform	50	45		1	89	61-119	09/04/2013 1129
Bromomethane (Methyl bromide)	50	46		1	91	10-168	09/04/2013 1129
2-Butanone (MEK)	100	92		1	92	57-148	09/04/2013 1129
Carbon disulfide	50	47		1	94	58-122	09/04/2013 1129
Carbon tetrachloride	50	40		1	80	58-136	09/04/2013 1129
Chlorobenzene	50	41		1	83	59-129	09/04/2013 1129
Chloroethane	50	39		1	79	42-163	09/04/2013 1129
Chloroform	50	41		1	82	71-125	09/04/2013 1129
Chloromethane (Methyl chloride)	50	45		1	90	34-134	09/04/2013 1129
Cyclohexane	50	41		1	82	53-139	09/04/2013 1129
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	93	55-125	09/04/2013 1129
Dibromochloromethane	50	44		1	88	66-119	09/04/2013 1129
1,2-Dibromoethane (EDB)	50	43		1	86	74-124	09/04/2013 1129
1,4-Dichlorobenzene	50	41		1	81	52-133	09/04/2013 1129
1,3-Dichlorobenzene	50	43		1	85	51-134	09/04/2013 1129
1,2-Dichlorobenzene	50	43		1	86	57-131	09/04/2013 1129
Dichlorodifluoromethane	50	38		1	76	10-157	09/04/2013 1129
1,2-Dichloroethane	50	42		1	83	67-129	09/04/2013 1129
1,1-Dichloroethane	50	44		1	87	71-127	09/04/2013 1129
trans-1,2-Dichloroethene	50	45		1	90	68-131	09/04/2013 1129
cis-1,2-Dichloroethene	50	44		1	89	70-122	09/04/2013 1129
1,1-Dichloroethene	50	40		1	81	69-138	09/04/2013 1129
1,2-Dichloropropane	50	41		1	82	72-124	09/04/2013 1129
trans-1,3-Dichloropropene	50	42		1	84	70-124	09/04/2013 1129
cis-1,3-Dichloropropene	50	41		1	83	70-126	09/04/2013 1129
Ethylbenzene	50	42		1	83	59-128	09/04/2013 1129
2-Hexanone	100	90		1	90	54-137	09/04/2013 1129
Isopropylbenzene	50	42		1	83	50-136	09/04/2013 1129
Methyl acetate	50	45		1	90	59-137	09/04/2013 1129
Methyl tertiary butyl ether (MTBE)	50	52		1	104	70-130	09/04/2013 1129
4-Methyl-2-pentanone	100	97		1	97	60-134	09/04/2013 1129
Methylcyclohexane	50	44		1	87	41-144	09/04/2013 1129
Methylene chloride	50	48		1	96	70-130	09/04/2013 1129
Styrene	50	44		1	87	54-136	09/04/2013 1129
1,1,2,2-Tetrachloroethane	50	43		1	87	69-132	09/04/2013 1129
Tetrachloroethene	50	42		1	83	45-150	09/04/2013 1129
Toluene	50	40		1	81	61-129	09/04/2013 1129
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	88	49-136	09/04/2013 1129
1,2,4-Trichlorobenzene	50	46		1	92	34-145	09/04/2013 1129
1,1,2-Trichloroethane	50	43		1	86	55-128	09/04/2013 1129
1,1,1-Trichloroethane	50	43		1	87	63-128	09/04/2013 1129

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28662-002

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	44		1	87	62-126	09/04/2013 1129
Trichlorofluoromethane	50	45		1	89	45-138	09/04/2013 1129
Vinyl chloride	50	50		1	101	42-132	09/04/2013 1129
Xylenes (total)	100	88		1	88	58-128	09/04/2013 1129
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		101	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		97	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28662-003

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	107	3.1	60-140	20	09/04/2013 1153
Benzene	50	40		1	80	6.8	69-123	20	09/04/2013 1153
Bromodichloromethane	50	40		1	80	6.0	69-121	20	09/04/2013 1153
Bromoform	50	41		1	83	7.3	61-119	20	09/04/2013 1153
Bromomethane (Methyl bromide)	50	41		1	82	11	10-168	20	09/04/2013 1153
2-Butanone (MEK)	100	89		1	89	4.2	57-148	20	09/04/2013 1153
Carbon disulfide	50	43		1	85	10	58-122	20	09/04/2013 1153
Carbon tetrachloride	50	37		1	75	7.6	58-136	20	09/04/2013 1153
Chlorobenzene	50	40		1	80	3.7	59-129	20	09/04/2013 1153
Chloroethane	50	39		1	77	1.9	42-163	20	09/04/2013 1153
Chloroform	50	39		1	77	6.5	71-125	20	09/04/2013 1153
Chloromethane (Methyl chloride)	50	40		1	80	12	34-134	20	09/04/2013 1153
Cyclohexane	50	38		1	77	7.2	53-139	20	09/04/2013 1153
1,2-Dibromo-3-chloropropane (DBCP)	50	44		1	88	5.8	55-125	20	09/04/2013 1153
Dibromochloromethane	50	41		1	82	6.9	66-119	20	09/04/2013 1153
1,2-Dibromoethane (EDB)	50	43		1	86	0.74	74-124	20	09/04/2013 1153
1,4-Dichlorobenzene	50	41		1	83	1.8	52-133	20	09/04/2013 1153
1,3-Dichlorobenzene	50	40		1	80	7.1	51-134	20	09/04/2013 1153
1,2-Dichlorobenzene	50	40		1	80	7.0	57-131	20	09/04/2013 1153
Dichlorodifluoromethane	50	33		1	66	13	10-157	20	09/04/2013 1153
1,2-Dichloroethane	50	39		1	78	6.4	67-129	20	09/04/2013 1153
1,1-Dichloroethane	50	41		1	82	6.5	71-127	20	09/04/2013 1153
trans-1,2-Dichloroethene	50	42		1	83	7.6	68-131	20	09/04/2013 1153
cis-1,2-Dichloroethene	50	41		1	82	7.5	70-122	20	09/04/2013 1153
1,1-Dichloroethene	50	38		1	76	5.8	69-138	20	09/04/2013 1153
1,2-Dichloropropane	50	40		1	81	1.9	72-124	20	09/04/2013 1153
trans-1,3-Dichloropropene	50	44		1	87	3.4	70-124	20	09/04/2013 1153
cis-1,3-Dichloropropene	50	42		1	84	1.0	70-126	20	09/04/2013 1153
Ethylbenzene	50	40		1	81	3.5	59-128	20	09/04/2013 1153
2-Hexanone	100	90		1	90	0.46	54-137	20	09/04/2013 1153
Isopropylbenzene	50	42		1	83	0.45	50-136	20	09/04/2013 1153
Methyl acetate	50	41		1	82	9.6	59-137	20	09/04/2013 1153
Methyl tertiary butyl ether (MTBE)	50	49		1	98	6.8	70-130	20	09/04/2013 1153
4-Methyl-2-pentanone	100	92		1	92	4.5	60-134	20	09/04/2013 1153
Methylcyclohexane	50	40		1	81	7.8	41-144	20	09/04/2013 1153
Methylene chloride	50	44		1	88	8.7	70-130	20	09/04/2013 1153
Styrene	50	41		1	82	5.7	54-136	20	09/04/2013 1153
1,1,2,2-Tetrachloroethane	50	43		1	85	2.0	69-132	20	09/04/2013 1153
Tetrachloroethene	50	42		1	84	0.51	45-150	20	09/04/2013 1153
Toluene	50	41		1	81	0.67	61-129	20	09/04/2013 1153
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	40		1	80	9.0	49-136	20	09/04/2013 1153
1,2,4-Trichlorobenzene	50	45		1	91	1.5	34-145	20	09/04/2013 1153
1,1,2-Trichloroethane	50	41		1	81	6.1	55-128	20	09/04/2013 1153
1,1,1-Trichloroethane	50	40		1	80	8.5	63-128	20	09/04/2013 1153

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28662-003

Matrix: Solid

Batch: 28662

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	42		1	84	4.2	62-126	20	09/04/2013 1153
Trichlorofluoromethane	50	40		1	81	10	45-138	20	09/04/2013 1153
Vinyl chloride	50	45		1	90	12	42-132	20	09/04/2013 1153
Xylenes (total)	100	83		1	83	5.4	58-128	20	09/04/2013 1153
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		91	47-138						
1,2-Dichloroethane-d4		95	53-142						
Toluene-d8		95	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28697-001

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/05/2013 0117
Benzene	ND		1	5.0	1.1	ug/kg	09/05/2013 0117
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
Bromoform	ND		1	5.0	0.70	ug/kg	09/05/2013 0117
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/05/2013 0117
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/05/2013 0117
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/05/2013 0117
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/05/2013 0117
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
Chloroethane	ND		1	5.0	1.3	ug/kg	09/05/2013 0117
Chloroform	ND		1	5.0	0.83	ug/kg	09/05/2013 0117
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/05/2013 0117
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/05/2013 0117
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/05/2013 0117
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/05/2013 0117
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/05/2013 0117
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/05/2013 0117
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/05/2013 0117
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/05/2013 0117
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/05/2013 0117
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/05/2013 0117
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/05/2013 0117
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/05/2013 0117
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
2-Hexanone	ND		1	10	1.3	ug/kg	09/05/2013 0117
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/05/2013 0117
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/05/2013 0117
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/05/2013 0117
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/05/2013 0117
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/05/2013 0117
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/05/2013 0117
Styrene	ND		1	5.0	1.1	ug/kg	09/05/2013 0117
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/05/2013 0117
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/05/2013 0117
Toluene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/05/2013 0117
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/05/2013 0117
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/05/2013 0117
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/05/2013 0117

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28697-001

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/05/2013 0117
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/05/2013 0117
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/05/2013 0117
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/05/2013 0117
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	47-138				
1,2-Dichloroethane-d4		108	53-142				
Toluene-d8		98	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28697-002

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	90		1	90	60-140	09/04/2013 2345
Benzene	50	51		1	103	69-123	09/04/2013 2345
Bromodichloromethane	50	51		1	101	69-121	09/04/2013 2345
Bromoform	50	47		1	94	61-119	09/04/2013 2345
Bromomethane (Methyl bromide)	50	60		1	119	10-168	09/04/2013 2345
2-Butanone (MEK)	100	90		1	90	57-148	09/04/2013 2345
Carbon disulfide	50	55		1	111	58-122	09/04/2013 2345
Carbon tetrachloride	50	49		1	98	58-136	09/04/2013 2345
Chlorobenzene	50	48		1	96	59-129	09/04/2013 2345
Chloroethane	50	52		1	105	42-163	09/04/2013 2345
Chloroform	50	48		1	97	71-125	09/04/2013 2345
Chloromethane (Methyl chloride)	50	58		1	117	34-134	09/04/2013 2345
Cyclohexane	50	50		1	100	53-139	09/04/2013 2345
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	101	55-125	09/04/2013 2345
Dibromochloromethane	50	49		1	99	66-119	09/04/2013 2345
1,2-Dibromoethane (EDB)	50	48		1	95	74-124	09/04/2013 2345
1,4-Dichlorobenzene	50	49		1	97	52-133	09/04/2013 2345
1,3-Dichlorobenzene	50	49		1	98	51-134	09/04/2013 2345
1,2-Dichlorobenzene	50	49		1	97	57-131	09/04/2013 2345
Dichlorodifluoromethane	50	53		1	105	10-157	09/04/2013 2345
1,2-Dichloroethane	50	49		1	98	67-129	09/04/2013 2345
1,1-Dichloroethane	50	51		1	102	71-127	09/04/2013 2345
trans-1,2-Dichloroethene	50	52		1	105	68-131	09/04/2013 2345
cis-1,2-Dichloroethene	50	49		1	99	70-122	09/04/2013 2345
1,1-Dichloroethene	50	47		1	94	69-138	09/04/2013 2345
1,2-Dichloropropane	50	51		1	101	72-124	09/04/2013 2345
trans-1,3-Dichloropropene	50	50		1	100	70-124	09/04/2013 2345
cis-1,3-Dichloropropene	50	49		1	97	70-126	09/04/2013 2345
Ethylbenzene	50	49		1	99	59-128	09/04/2013 2345
2-Hexanone	100	100		1	101	54-137	09/04/2013 2345
Isopropylbenzene	50	51		1	103	50-136	09/04/2013 2345
Methyl acetate	50	46		1	92	59-137	09/04/2013 2345
Methyl tertiary butyl ether (MTBE)	50	59		1	118	70-130	09/04/2013 2345
4-Methyl-2-pentanone	100	110		1	109	60-134	09/04/2013 2345
Methylcyclohexane	50	54		1	108	41-144	09/04/2013 2345
Methylene chloride	50	53		1	107	70-130	09/04/2013 2345
Styrene	50	50		1	99	54-136	09/04/2013 2345
1,1,2,2-Tetrachloroethane	50	49		1	98	69-132	09/04/2013 2345
Tetrachloroethene	50	48		1	96	45-150	09/04/2013 2345
Toluene	50	50		1	100	61-129	09/04/2013 2345
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	53		1	106	49-136	09/04/2013 2345
1,2,4-Trichlorobenzene	50	59		1	118	34-145	09/04/2013 2345
1,1,2-Trichloroethane	50	48		1	96	55-128	09/04/2013 2345
1,1,1-Trichloroethane	50	51		1	102	63-128	09/04/2013 2345

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28697-002

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	49		1	99	62-126	09/04/2013 2345
Trichlorofluoromethane	50	53		1	107	45-138	09/04/2013 2345
Vinyl chloride	50	67	N	1	134	42-132	09/04/2013 2345
Xylenes (total)	100	100		1	100	58-128	09/04/2013 2345
Surrogate	Q	% Rec			Acceptance Limit		
Bromofluorobenzene		93			47-138		
1,2-Dichloroethane-d4		104			53-142		
Toluene-d8		104			68-124		

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28697-003

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	99		1	99	9.4	60-140	20	09/05/2013 0008
Benzene	50	50		1	100	2.1	69-123	20	09/05/2013 0008
Bromodichloromethane	50	50		1	100	0.88	69-121	20	09/05/2013 0008
Bromoform	50	48		1	96	2.2	61-119	20	09/05/2013 0008
Bromomethane (Methyl bromide)	50	62		1	125	4.6	10-168	20	09/05/2013 0008
2-Butanone (MEK)	100	91		1	91	0.66	57-148	20	09/05/2013 0008
Carbon disulfide	50	56		1	112	1.4	58-122	20	09/05/2013 0008
Carbon tetrachloride	50	50		1	100	1.1	58-136	20	09/05/2013 0008
Chlorobenzene	50	48		1	97	0.44	59-129	20	09/05/2013 0008
Chloroethane	50	55		1	111	5.6	42-163	20	09/05/2013 0008
Chloroform	50	51		1	102	5.7	71-125	20	09/05/2013 0008
Chloromethane (Methyl chloride)	50	62		1	124	5.8	34-134	20	09/05/2013 0008
Cyclohexane	50	50		1	100	0.16	53-139	20	09/05/2013 0008
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	99	2.4	55-125	20	09/05/2013 0008
Dibromochloromethane	50	50		1	100	1.3	66-119	20	09/05/2013 0008
1,2-Dibromoethane (EDB)	50	48		1	96	0.67	74-124	20	09/05/2013 0008
1,4-Dichlorobenzene	50	49		1	98	0.37	52-133	20	09/05/2013 0008
1,3-Dichlorobenzene	50	48		1	96	1.3	51-134	20	09/05/2013 0008
1,2-Dichlorobenzene	50	49		1	98	0.28	57-131	20	09/05/2013 0008
Dichlorodifluoromethane	50	54		1	107	1.8	10-157	20	09/05/2013 0008
1,2-Dichloroethane	50	50		1	100	1.7	67-129	20	09/05/2013 0008
1,1-Dichloroethane	50	54		1	107	5.0	71-127	20	09/05/2013 0008
trans-1,2-Dichloroethene	50	54		1	108	3.3	68-131	20	09/05/2013 0008
cis-1,2-Dichloroethene	50	52		1	103	4.3	70-122	20	09/05/2013 0008
1,1-Dichloroethene	50	49		1	98	3.5	69-138	20	09/05/2013 0008
1,2-Dichloropropane	50	49		1	97	4.0	72-124	20	09/05/2013 0008
trans-1,3-Dichloropropene	50	50		1	100	0.73	70-124	20	09/05/2013 0008
cis-1,3-Dichloropropene	50	48		1	96	1.1	70-126	20	09/05/2013 0008
Ethylbenzene	50	48		1	95	3.6	59-128	20	09/05/2013 0008
2-Hexanone	100	93		1	93	9.1	54-137	20	09/05/2013 0008
Isopropylbenzene	50	50		1	100	2.7	50-136	20	09/05/2013 0008
Methyl acetate	50	45		1	91	1.4	59-137	20	09/05/2013 0008
Methyl tertiary butyl ether (MTBE)	50	62		1	124	4.2	70-130	20	09/05/2013 0008
4-Methyl-2-pentanone	100	100		1	102	6.8	60-134	20	09/05/2013 0008
Methylcyclohexane	50	51		1	101	6.6	41-144	20	09/05/2013 0008
Methylene chloride	50	57		1	113	5.8	70-130	20	09/05/2013 0008
Styrene	50	48		1	97	2.5	54-136	20	09/05/2013 0008
1,1,2,2-Tetrachloroethane	50	47		1	94	4.4	69-132	20	09/05/2013 0008
Tetrachloroethene	50	48		1	96	0.25	45-150	20	09/05/2013 0008
Toluene	50	47		1	93	7.1	61-129	20	09/05/2013 0008
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	112	5.3	49-136	20	09/05/2013 0008
1,2,4-Trichlorobenzene	50	56		1	111	5.8	34-145	20	09/05/2013 0008
1,1,2-Trichloroethane	50	47		1	94	2.0	55-128	20	09/05/2013 0008
1,1,1-Trichloroethane	50	52		1	104	2.4	63-128	20	09/05/2013 0008

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28697-003

Matrix: Solid

Batch: 28697

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	50		1	100	1.3	62-126	20	09/05/2013 0008
Trichlorofluoromethane	50	56		1	112	5.2	45-138	20	09/05/2013 0008
Vinyl chloride	50	70	N	1	139	3.8	42-132	20	09/05/2013 0008
Xylenes (total)	100	98		1	98	1.4	58-128	20	09/05/2013 0008
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		101	47-138						
1,2-Dichloroethane-d4		110	53-142						
Toluene-d8		104	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28775-001

Matrix: Solid

Batch: 28775

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/03/2013 1151
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		79	47-138				
1,2-Dichloroethane-d4		93	53-142				
Toluene-d8		86	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28775-002

Matrix: Solid

Batch: 28775

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Tetrachloroethene	50	40		1	79	45-150	09/03/2013 1017
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		103	47-138				
1,2-Dichloroethane-d4		119	53-142				
Toluene-d8		108	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28775-003

Matrix: Solid

Batch: 28775

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Tetrachloroethene	50	36		1	72	9.9	45-150	20	09/03/2013 1040
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		79	47-138						
1,2-Dichloroethane-d4		86	53-142						
Toluene-d8		84	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28797-001

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	09/05/2013 2344
Benzene	ND		1	5.0	0.20	ug/L	09/05/2013 2344
Bromodichloromethane	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Bromoform	ND		1	5.0	0.40	ug/L	09/05/2013 2344
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	09/05/2013 2344
2-Butanone (MEK)	ND		1	10	1.8	ug/L	09/05/2013 2344
Carbon disulfide	ND		1	5.0	0.30	ug/L	09/05/2013 2344
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	09/05/2013 2344
Chlorobenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Chloroethane	ND		1	5.0	0.50	ug/L	09/05/2013 2344
Chloroform	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	09/05/2013 2344
Cyclohexane	ND		1	5.0	0.98	ug/L	09/05/2013 2344
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	09/05/2013 2344
Dibromochloromethane	ND		1	5.0	1.7	ug/L	09/05/2013 2344
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	09/05/2013 2344
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	09/05/2013 2344
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	09/05/2013 2344
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	09/05/2013 2344
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	09/05/2013 2344
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/05/2013 2344
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/05/2013 2344
Ethylbenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
2-Hexanone	ND		1	10	1.0	ug/L	09/05/2013 2344
Isopropylbenzene	ND		1	5.0	1.0	ug/L	09/05/2013 2344
Methyl acetate	ND		1	5.0	0.72	ug/L	09/05/2013 2344
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	09/05/2013 2344
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	09/05/2013 2344
Methylcyclohexane	ND		1	5.0	0.95	ug/L	09/05/2013 2344
Methylene chloride	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Styrene	ND		1	5.0	0.10	ug/L	09/05/2013 2344
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	09/05/2013 2344
Tetrachloroethene	ND		1	5.0	0.40	ug/L	09/05/2013 2344
Toluene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	09/05/2013 2344
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	09/05/2013 2344

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28797-001

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	09/05/2013 2344
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	09/05/2013 2344
Vinyl chloride	ND		1	2.0	0.10	ug/L	09/05/2013 2344
Xylenes (total)	ND		1	5.0	1.7	ug/L	09/05/2013 2344
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	70-130				
1,2-Dichloroethane-d4		92	70-130				
Toluene-d8		96	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28797-002

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	88		1	88	60-140	09/05/2013 2213
Benzene	50	49		1	98	70-130	09/05/2013 2213
Bromodichloromethane	50	49		1	98	70-130	09/05/2013 2213
Bromoform	50	46		1	91	70-130	09/05/2013 2213
Bromomethane (Methyl bromide)	50	43		1	85	60-140	09/05/2013 2213
2-Butanone (MEK)	100	93		1	93	60-140	09/05/2013 2213
Carbon disulfide	50	44		1	88	60-140	09/05/2013 2213
Carbon tetrachloride	50	48		1	97	70-130	09/05/2013 2213
Chlorobenzene	50	48		1	96	70-130	09/05/2013 2213
Chloroethane	50	46		1	92	42-163	09/05/2013 2213
Chloroform	50	48		1	96	70-130	09/05/2013 2213
Chloromethane (Methyl chloride)	50	46		1	92	60-140	09/05/2013 2213
Cyclohexane	50	45		1	90	70-130	09/05/2013 2213
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	101	70-130	09/05/2013 2213
Dibromochloromethane	50	50		1	101	70-130	09/05/2013 2213
1,2-Dibromoethane (EDB)	50	49		1	98	70-130	09/05/2013 2213
1,4-Dichlorobenzene	50	49		1	97	70-130	09/05/2013 2213
1,3-Dichlorobenzene	50	50		1	100	70-130	09/05/2013 2213
1,2-Dichlorobenzene	50	48		1	96	70-130	09/05/2013 2213
Dichlorodifluoromethane	50	51		1	101	60-140	09/05/2013 2213
1,2-Dichloroethane	50	48		1	96	70-130	09/05/2013 2213
1,1-Dichloroethane	50	45		1	90	70-130	09/05/2013 2213
trans-1,2-Dichloroethene	50	47		1	93	70-130	09/05/2013 2213
cis-1,2-Dichloroethene	50	47		1	93	70-130	09/05/2013 2213
1,1-Dichloroethene	50	46		1	92	70-130	09/05/2013 2213
1,2-Dichloropropane	50	47		1	94	70-130	09/05/2013 2213
trans-1,3-Dichloropropene	50	48		1	96	70-130	09/05/2013 2213
cis-1,3-Dichloropropene	50	48		1	96	70-130	09/05/2013 2213
Ethylbenzene	50	48		1	96	70-130	09/05/2013 2213
2-Hexanone	100	100		1	101	60-140	09/05/2013 2213
Isopropylbenzene	50	50		1	100	70-130	09/05/2013 2213
Methyl acetate	50	44		1	88	70-130	09/05/2013 2213
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	09/05/2013 2213
4-Methyl-2-pentanone	100	99		1	99	60-140	09/05/2013 2213
Methylcyclohexane	50	48		1	96	70-130	09/05/2013 2213
Methylene chloride	50	47		1	94	70-130	09/05/2013 2213
Styrene	50	50		1	100	70-130	09/05/2013 2213
1,1,2,2-Tetrachloroethane	50	50		1	100	70-130	09/05/2013 2213
Tetrachloroethene	50	47		1	93	70-130	09/05/2013 2213
Toluene	50	47		1	95	70-130	09/05/2013 2213
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	45		1	90	70-130	09/05/2013 2213
1,2,4-Trichlorobenzene	50	47		1	93	70-130	09/05/2013 2213
1,1,2-Trichloroethane	50	46		1	91	70-130	09/05/2013 2213
1,1,1-Trichloroethane	50	47		1	94	70-130	09/05/2013 2213

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28797-002

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	92	70-130	09/05/2013 2213
Trichlorofluoromethane	50	51		1	102	70-130	09/05/2013 2213
Vinyl chloride	50	54		1	109	70-130	09/05/2013 2213
Xylenes (total)	100	99		1	99	70-130	09/05/2013 2213
Surrogate	Q	% Rec			Acceptance Limit		
Bromofluorobenzene		97			70-130		
1,2-Dichloroethane-d4		89			70-130		
Toluene-d8		95			70-130		

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28797-003

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	63	+	1	63	33	60-140	20	09/05/2013 2235
Benzene	50	50		1	100	2.0	70-130	20	09/05/2013 2235
Bromodichloromethane	50	48		1	97	1.1	70-130	20	09/05/2013 2235
Bromoform	50	44		1	88	3.1	70-130	20	09/05/2013 2235
Bromomethane (Methyl bromide)	50	50		1	100	16	60-140	20	09/05/2013 2235
2-Butanone (MEK)	100	77		1	77	19	60-140	20	09/05/2013 2235
Carbon disulfide	50	46		1	92	4.7	60-140	20	09/05/2013 2235
Carbon tetrachloride	50	49		1	99	1.6	70-130	20	09/05/2013 2235
Chlorobenzene	50	49		1	98	2.4	70-130	20	09/05/2013 2235
Chloroethane	50	52		1	103	12	42-163	20	09/05/2013 2235
Chloroform	50	48		1	96	0.23	70-130	20	09/05/2013 2235
Chloromethane (Methyl chloride)	50	47		1	95	3.1	60-140	20	09/05/2013 2235
Cyclohexane	50	46		1	92	2.3	70-130	20	09/05/2013 2235
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	85	17	70-130	20	09/05/2013 2235
Dibromochloromethane	50	50		1	100	0.64	70-130	20	09/05/2013 2235
1,2-Dibromoethane (EDB)	50	49		1	97	1.2	70-130	20	09/05/2013 2235
1,4-Dichlorobenzene	50	49		1	98	0.74	70-130	20	09/05/2013 2235
1,3-Dichlorobenzene	50	49		1	98	1.3	70-130	20	09/05/2013 2235
1,2-Dichlorobenzene	50	47		1	94	2.2	70-130	20	09/05/2013 2235
Dichlorodifluoromethane	50	55		1	110	8.3	60-140	20	09/05/2013 2235
1,2-Dichloroethane	50	47		1	93	2.9	70-130	20	09/05/2013 2235
1,1-Dichloroethane	50	46		1	91	1.2	70-130	20	09/05/2013 2235
trans-1,2-Dichloroethene	50	46		1	92	1.4	70-130	20	09/05/2013 2235
cis-1,2-Dichloroethene	50	47		1	93	0.21	70-130	20	09/05/2013 2235
1,1-Dichloroethene	50	48		1	96	4.0	70-130	20	09/05/2013 2235
1,2-Dichloropropane	50	47		1	94	0.038	70-130	20	09/05/2013 2235
trans-1,3-Dichloropropene	50	49		1	99	2.3	70-130	20	09/05/2013 2235
cis-1,3-Dichloropropene	50	48		1	95	0.48	70-130	20	09/05/2013 2235
Ethylbenzene	50	49		1	98	2.6	70-130	20	09/05/2013 2235
2-Hexanone	100	97		1	97	3.9	60-140	20	09/05/2013 2235
Isopropylbenzene	50	50		1	100	0.046	70-130	20	09/05/2013 2235
Methyl acetate	50	38		1	76	14	70-130	20	09/05/2013 2235
Methyl tertiary butyl ether (MTBE)	50	47		1	94	1.9	70-130	20	09/05/2013 2235
4-Methyl-2-pentanone	100	91		1	91	8.0	60-140	20	09/05/2013 2235
Methylcyclohexane	50	50		1	100	4.1	70-130	20	09/05/2013 2235
Methylene chloride	50	49		1	98	4.4	70-130	20	09/05/2013 2235
Styrene	50	51		1	102	2.8	70-130	20	09/05/2013 2235
1,1,2,2-Tetrachloroethane	50	47		1	95	6.1	70-130	20	09/05/2013 2235
Tetrachloroethene	50	47		1	94	0.87	70-130	20	09/05/2013 2235
Toluene	50	48		1	96	1.0	70-130	20	09/05/2013 2235
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	49		1	98	8.7	70-130	20	09/05/2013 2235
1,2,4-Trichlorobenzene	50	45		1	91	2.2	70-130	20	09/05/2013 2235
1,1,2-Trichloroethane	50	45		1	91	0.86	70-130	20	09/05/2013 2235
1,1,1-Trichloroethane	50	48		1	97	3.1	70-130	20	09/05/2013 2235

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28797-003

Matrix: Aqueous

Batch: 28797

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	47		1	95	2.3	70-130	20	09/05/2013 2235
Trichlorofluoromethane	50	57		1	113	11	70-130	20	09/05/2013 2235
Vinyl chloride	50	56		1	113	3.3	70-130	20	09/05/2013 2235
Xylenes (total)	100	100		1	102	3.0	70-130	20	09/05/2013 2235
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		98	70-130						
1,2-Dichloroethane-d4		84	70-130						
Toluene-d8		95	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28893-001

Matrix: Solid

Batch: 28893

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Tetrachloroethene	ND		50	250	25	ug/kg	09/06/2013 1855
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		73	47-138				
1,2-Dichloroethane-d4		109	53-142				
Toluene-d8		87	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28893-002

Matrix: Solid

Batch: 28893

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Tetrachloroethene	2500	2100		50	84	45-150	09/06/2013 1918
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		93	47-138				
1,2-Dichloroethane-d4		113	53-142				
Toluene-d8		107	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28893-003

Matrix: Solid

Batch: 28893

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Tetrachloroethene	2500	1700		50	70	18	45-150	20	09/06/2013 1941
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		91	47-138						
1,2-Dichloroethane-d4		103	53-142						
Toluene-d8		93	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number **31575**

Client TRC	Report to Contact Den Madison / Terry Hertz	Sampler (Printed Name) Bill Madlin / Michelle Hays	Quote No.
Address 30 Ratwood Drive, St 300	Telephone No. / Fax No. / Email (864) 281-0030	Waybill No.	Page 1 of 1
City Greenville	State SC	Zip Code 29615	Number of Containers
Project Name JWH-Clemson	Preservative 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Tho.		Bottle (See Instructions on back)
Project Number 205809.0000.0000	P.O. Number		Preservative
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Lot No. 0129076
SB-175 (0-1)	8/28/13	11:55	Remarks / Cooler ID ppm = 4.6
SB-175 (14-15)	8/28/13	12:00	ppm = 0.8
SB-136 (11-12)	8/28/13	14:20	ppm = 3.1
SB-136 (18-19)	8/28/13	14:25	ppm = 1.1
SB-135 (9-10)	8/28/13	15:35	
SB-135 (21-22)	8/28/13	15:40	
SB-134 (15-16)	8/29/13	08:35	
SB-134 (20-21)	8/29/13	08:40	
TBUK-13308			

Turn Around Time Required (Prior lab approval required for expedited TAT)	Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Deposal by Lab	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
8. Standard <input type="checkbox"/> Rush (Please Specify)	Date 8/29/13 Time 12:47	Date 8/29/13 Time 12:47
1. Relinquished by / Sampler <i>Bill Madlin</i>	1. Received by <i>Terry Hays</i>	
2. Relinquished by	2. Received by	
3. Relinquished by	3. Received by	
4. Relinquished by <i>Terry Hays</i>	4. Laboratory Received by <i>Terry Hays</i>	Date 8/29/13 Time 15:17

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number 31576

Client: TRC		Report to Contact: Par Madison / Jerry Hartz		Sampler (Printed Name): Bill Maden		Route No.	
Address: 30 Patwood Dr		Telephone No. / Fax No. / Email: 803 281-0030		Waybill No.		Page of	
City: Greenville, SC 29615	State: SC	Zip Code: 29615	Preservative: 1. Urines, 4. HNO3, 7. NaOH		Number of Containers		
Project Name: WPH - Clamson		3. H2SO4, 6. Na Thio.		Bottle (See instructions on back)			Preservative
P.O. Number: 205809-0000-0001		Matrix: G, GM, DW, VM, S, Other		Lot No. OH 29076			Remarks / Cooler ID
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Analysis	QC Requirements (Specify)	Possible Hazard Identification	Date	Time
SB-144-(11-12)	8-29-13	0940	VOC, Moisture	1. Received by J. G. [Signature]	Flammable, Riskn Irritant, Poison, Unknown	8/29/13	1247
SB-144-(21-22)	8-29-13	0945	VOC	2. Received by			
SB-143-(18-19)	8-29-13	1025	VOC	3. Received by			
SB-143-(21-22)	8-29-13	1030	VOC	4. Laboratory Received by [Signature]		8/29/13	1517
SB-142-(18-19)	8-29-13	1115	VOC	LAB USE ONLY			
SB-142-(21-22)	8-29-13	1120	VOC	Received on Ice (Check) Yes [Signature]			
SB-150-(18-19)	8-29-13	1200	VOC	Received on Ice (Check) Yes [Signature]			
SB-150-(21-22)	8-29-13	1205	VOC	Received on Ice (Check) Yes [Signature]			

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: ECL 8/29/13 Lot #: 0H2907C

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt: <u>136 / 1.0 °C</u> / °C / °C / °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a. Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH ₃ /TKN/cyanide/phenol			
Sample labels verified by: <u>[Signature]</u>			Date: <u>8/29/13</u>
Corrective Action taken, if necessary:			
Was client notified: Yes <input type="checkbox"/> No <input type="checkbox"/>		Did client respond: Yes <input type="checkbox"/> No <input type="checkbox"/>	
SESI employee: _____		Date of response: _____	
Comments: _____			

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number **31578**

Client TRC		Report to Contact Dr. Madison/Kerry Hays		Sampler (Printed Name) Bill Medina		Quote No.	
Address 30 Patwood Dr		Telephone No. / Fax No. / Email 803 291-0030		Waybill No.		Page 1 of 2	
City Greenville	State SC	Zip Code 29615	Preservative				Number of Containers
Project Name WPH - Clemson			1. Unpres. 4. HNO3 7. NaOH				Bottle (See instructions on back)
P.O. Number 205809.0000.0001			2. NaOH/ZnA 5. HCl				Preservative
Sample ID / Description (Containers for each sample may be combined on one line)			3. H2SO4 6. Na Thio.				Lot No. 012907
Date			Time				Remarks / Cooler ID
SB-165/15-16			8-20-13 0850				PPM 70.4
SB-165/19-20			8-20-13 0855				PPM 0.0
SB-171/8-9			8-20-13 0930				PPM 15.0
SB-171/17-18			8-20-13 0955				PPM 7.6
SB-170/11-12			8-20-13 1040				
SB-170/20-21			8-20-13 1045				
SB-169/15-16			8-20-13 1155				
SB-169/21-22			8-20-13 1200				

Turn Around Time Required (Prior lab approval required for expedited TAT):		Sample Disposal		Possible Hazard Identification	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush (Please Specify)	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Skin Irritant
1. Relinquished by / Sampler Michelle Hays / WPH		Date 8/30/13	Time 1336	1. Received by AGuen	
2. Relinquished by		Date	Time	Date 8/30/13	
3. Relinquished by		Date	Time	Date	
4. Relinquished by AGuen		Date 8/30/13	Time 1607	Date 8/30/13	

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 31577

Client: TRC Report to Contact: Dr. Madison / Terry Horte Sampler (Printed Name): B. J. Medley Quote No. _____
 Address: 30 Patwood Dr Telephone No. / Fax No. / Email: 864 281-0030 Waybill No. _____ Page: 2 of 2
 City: Greenville State: SC Zip Code: 29615 Preservative: _____ Number of Containers: _____
 Project Name: WPH-Chase 1. Unpres. 4. HNO3 7. NaOH Bottle (See instructions on back) _____
 2. NaOH/ZnA 5. HCl Lot No. _____
 3. H2SO4 6. Na Thio. _____
 Project Number: _____ P.O. Number: _____

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Analysis	QC Requirements (Specify)		Possible Hazard Identification		Remarks / Cooler ID	
			GW	DW	WW		S	Other	Non-Hazard	DF		Amesable
SB-151 (14-15)	8-29-13	1345					X					PPM - 18.9
SB-151 (17-18)	8-29-13	1230					X					PPM 98
SB-159 (16-17)	8-29-13	1440					X					PPM 26.6
SB-159 (21-22)	8-29-13	1445					X					PPM 15.8
SB-166 (17-18)	8-29-13	1555					X					
SB-166 (20-21)	8-29-13	1800					X					
SB-158 / 13-14	8-30-13	0805					X					
SB-158 / 19-20	8-30-13	0810					X					
TBCK-13309												

Turn-Around Time Required (Prior lab approval required for expedited TAT): Standard Rush (Please Specify) _____
 Sample Disposal: Return to Client Disposal by Lab
 Date: 8/30/13 Time: 1330
 Date: _____ Time: _____
 1. Relinquished by / Sampler: Nichole Hays / AMT
 2. Relinquished by: _____
 Date: _____ Time: _____
 3. Relinquished by: _____
 Date: _____ Time: _____
 4. Relinquished by: AMT
 Date: 8/30/13 Time: 1607
 Note: All samples are retained for six weeks from receipt unless other arrangements are made.
 LAB USE ONLY
 Received on Ice (Check) Yes No Ice Pack Receipt Temp. 10 °C
 Temp. Blank Y N

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: ECC/8/30/13 Lot #: OH300
OH 29076
CA 8/30/13

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt: <u>44</u> <u>11.0</u> °C / °C / °C / °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: _____ Date: <u>8/30/13</u>			

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee: _____

Date of response: _____

Comments: _____

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OI05031

Date Completed: 09/12/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OI 05031 *

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OI05031

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK

Method Blanks – Seven analytical method blanks were analyzed. No target analytes detected in method blanks.

Trip Blank – TBLK-13310. No target analytes were detected in this trip blank.

LCS/LCSD – Seven LCS/LCSD pairs were analyzed. LCS and LCSD recoveries are OK.

LCS/LCSD RPDs are OK except for acetone in batch 29060 where the RPD was 26%. Two samples were analyzed for acetone in this batch: SB-163/0-1 and SB-162/20-21. Acetone was not detected in SB-162/20-21.

Acetone detected in SB-163/0-1 is assigned a “j” flag.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

A “j” flag is assigned to acetone in SB-164/0-1 because the concentration exceeds the calibration range as denoted by the laboratory “E” flag. The Case Narrative states that when the sample was analyzed at 50X dilution (by medium-level VOC method per data validator’s conversation with laboratory contact) acetone was not detected. One possible explanation for these results is that the detected acetone concentrations may be biased high.

Validated by Terry Hertz 9/13/2013

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OI05031

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

GC/MS VOC

Acetone was qualified with an "E" in sample -001 as the reported detection was over the calibration range. The sample was analyzed twice with no dilution yielding a large detection for Acetone during each run. In addition, the sample was analyzed twice at a 50X detection resulting in a non-detect for both diluted runs. An undiluted run has been reported and qualified accordingly.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OI05031

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-164/0-1	Solid	09/03/2013 1040	09/04/2013
002	SB-164/20-21	Solid	09/03/2013 1050	09/04/2013
003	SB-163/0-1	Solid	09/03/2013 1125	09/04/2013
004	SB-163/19-20	Solid	09/03/2013 1130	09/04/2013
005	SB-162/20-21	Solid	09/03/2013 1215	09/04/2013
006	SB-162/21-22	Solid	09/03/2013 1220	09/04/2013
007	SB-154/14-15	Solid	09/03/2013 1340	09/04/2013
008	SB-154/21-22	Solid	09/03/2013 1345	09/04/2013
009	TBLK-13310	Aqueous	09/04/2013	09/04/2013
010	SB-176/4-5	Solid	09/03/2013 1235	09/04/2013
011	SB-176/20-21	Solid	09/03/2013 1240	09/04/2013
012	SB-155/0-1	Solid	09/03/2013 1635	09/04/2013
013	SB-155/19-20	Solid	09/03/2013 1640	09/04/2013
014	SB-156/6-7	Solid	09/04/2013 0800	09/04/2013
015	SB-156/18-19	Solid	09/04/2013 0805	09/04/2013
016	SB-157/19-20	Solid	09/04/2013 0855	09/04/2013
017	SB-157/20-21	Solid	09/04/2013 0900	09/04/2013
018	SB-149/14-15	Solid	09/04/2013 0945	09/04/2013
019	SB-149/17-18	Solid	09/04/2013 0950	09/04/2013
020	SB-148/3-4	Solid	09/04/2013 1030	09/04/2013
021	SB-148/16-17	Solid	09/04/2013 1035	09/04/2013
022	SB-147/9-10	Solid	09/04/2013 1215	09/04/2013
023	SB-147/20-21	Solid	09/04/2013 1220	09/04/2013
024	SB-146/15-16	Solid	09/04/2013 1400	09/04/2013
025	SB-146/19-20	Solid	09/04/2013 1405	09/04/2013

(25 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OI05031

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	SB-164/0-1	Solid	Acetone	8260B	1800	E	ug/kg	6
002	SB-164/20-21	Solid	Tetrachloroethene	8260B	3.6	J	ug/kg	8
003	SB-163/0-1	Solid	Acetone	8260B	570	J	ug/kg	10
004	SB-163/19-20	Solid	Acetone	8260B	37		ug/kg	12
004	SB-163/19-20	Solid	Tetrachloroethene	8260B	0.80	J	ug/kg	12
005	SB-162/20-21	Solid	Chloroform	8260B	83	J	ug/kg	14
005	SB-162/20-21	Solid	Ethylbenzene	8260B	290	J	ug/kg	14
005	SB-162/20-21	Solid	Isopropylbenzene	8260B	980		ug/kg	14
005	SB-162/20-21	Solid	Methylcyclohexane	8260B	8200		ug/kg	14
005	SB-162/20-21	Solid	1,2,4-Trichlorobenzene	8260B	950		ug/kg	15
005	SB-162/20-21	Solid	Xylenes (total)	8260B	400		ug/kg	15
006	SB-162/21-22	Solid	Chloroform	8260B	0.90	J	ug/kg	16
006	SB-162/21-22	Solid	Ethylbenzene	8260B	4.7	J	ug/kg	16
006	SB-162/21-22	Solid	Isopropylbenzene	8260B	14		ug/kg	16
006	SB-162/21-22	Solid	Methylcyclohexane	8260B	44		ug/kg	16
006	SB-162/21-22	Solid	Tetrachloroethene	8260B	3.4	J	ug/kg	16
006	SB-162/21-22	Solid	Xylenes (total)	8260B	14		ug/kg	17
007	SB-154/14-15	Solid	1,1,2,2-Tetrachloroethane	8260B	0.70	J	ug/kg	18
008	SB-154/21-22	Solid	Acetone	8260B	35		ug/kg	20
008	SB-154/21-22	Solid	Benzene	8260B	9.2		ug/kg	20
008	SB-154/21-22	Solid	Carbon disulfide	8260B	11		ug/kg	20
008	SB-154/21-22	Solid	Cyclohexane	8260B	24		ug/kg	20
008	SB-154/21-22	Solid	1,2-Dichlorobenzene	8260B	2.3	J	ug/kg	20
008	SB-154/21-22	Solid	Ethylbenzene	8260B	170		ug/kg	20
008	SB-154/21-22	Solid	Isopropylbenzene	8260B	27		ug/kg	20
008	SB-154/21-22	Solid	Methylcyclohexane	8260B	12		ug/kg	20
008	SB-154/21-22	Solid	Styrene	8260B	3.7	J	ug/kg	20
008	SB-154/21-22	Solid	Toluene	8260B	2.3	J	ug/kg	20
008	SB-154/21-22	Solid	Xylenes (total)	8260B	31		ug/kg	21
010	SB-176/4-5	Solid	Acetone	8260B	14	J	ug/kg	24
010	SB-176/4-5	Solid	Carbon disulfide	8260B	1.2	J	ug/kg	24
010	SB-176/4-5	Solid	1,2,4-Trichlorobenzene	8260B	12		ug/kg	25
011	SB-176/20-21	Solid	Acetone	8260B	14	J	ug/kg	26
011	SB-176/20-21	Solid	Benzene	8260B	1.3	J	ug/kg	26
011	SB-176/20-21	Solid	Ethylbenzene	8260B	2.1	J	ug/kg	26
011	SB-176/20-21	Solid	Isopropylbenzene	8260B	1.3	J	ug/kg	26
012	SB-155/0-1	Solid	Acetone	8260B	33		ug/kg	28
012	SB-155/0-1	Solid	Methyl acetate	8260B	18		ug/kg	28
014	SB-156/6-7	Solid	Tetrachloroethene	8260B	0.50	J	ug/kg	32
015	SB-156/18-19	Solid	Tetrachloroethene	8260B	19		ug/kg	34
016	SB-157/19-20	Solid	Tetrachloroethene	8260B	480		ug/kg	36
017	SB-157/20-21	Solid	Tetrachloroethene	8260B	210		ug/kg	38
018	SB-149/14-15	Solid	Acetone	8260B	60		ug/kg	40
018	SB-149/14-15	Solid	2-Butanone (MEK)	8260B	19		ug/kg	40
018	SB-149/14-15	Solid	Methylcyclohexane	8260B	0.55	J	ug/kg	40

Executive Summary (Continued)

Lot Number: OI05031

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
018	SB-149/14-15	Solid	Tetrachloroethene	8260B	9.1		ug/kg	40
019	SB-149/17-18	Solid	Tetrachloroethene	8260B	28		ug/kg	42
020	SB-148/3-4	Solid	Tetrachloroethene	8260B	4.0	J	ug/kg	44
021	SB-148/16-17	Solid	Tetrachloroethene	8260B	4.3	J	ug/kg	46
023	SB-147/20-21	Solid	Chloroform	8260B	1.1	J	ug/kg	50
023	SB-147/20-21	Solid	Tetrachloroethene	8260B	2.1	J	ug/kg	50
025	SB-146/19-20	Solid	Chloroform	8260B	1.8	J	ug/kg	54
025	SB-146/19-20	Solid	Tetrachloroethene	8260B	1.1	J	ug/kg	54

(53 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/09/2013 1929	AAC		28963	5.18
3	5035	8260B	1	09/11/2013 1545	AAC		29124	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	1800	E	19	6.3	ug/kg	3
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/09/2013 1929	AAC		28963	5.18
3	5035	8260B	1	09/11/2013 1545	AAC		29124	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Run 1			Run 3		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142		96	53-142
Bromofluorobenzene		106	47-138		92	47-138
Toluene-d8		113	68-124		102	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/09/2013 1953	AAC		28963	5.88
2	5035	8260B	1	09/10/2013 1451	JJG		29059	6.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	2
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.90	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	3.6	J	5.3	0.53	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/09/2013 1953	AAC		28963	5.88
2	5035	8260B	1	09/10/2013 1451	JJG		29059	6.25

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.90	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142		101	53-142
Bromofluorobenzene		94	47-138		96	47-138
Toluene-d8		101	68-124		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0202	JJG		28977	5.08
2	5035	8260B	50	09/10/2013 1934	JJG		29060	5.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	570	J	1200	390	ug/kg	2
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.87	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.2	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.2	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.2	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.2	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.2	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.50	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.2	0.51	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.2	0.62	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0202	JJG		28977	5.08
2	5035	8260B	50	09/10/2013 1934	JJG		29060	5.43

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.2	0.78	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.98	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.2	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.2	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.2	3.6	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142		78	53-142
Bromofluorobenzene		115	47-138		75	47-138
Toluene-d8		111	68-124		79	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0225	JJG		28977	6.27
2	5035	8260B	1	09/10/2013 1514	JJG		29059	6.76

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	37		19	6.4	ug/kg	2
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.80	J	5.1	0.51	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0225	JJG		28977	6.27
2	5035	8260B	1	09/10/2013 1514	JJG		29059	6.76

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142		98	53-142
Bromofluorobenzene		95	47-138		96	47-138
Toluene-d8		98	68-124		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	50	09/10/2013 2108	JJG		29060	5.72
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		1300	430	ug/kg	1
Benzene	71-43-2	8260B	ND		320	71	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		320	110	ug/kg	1
Bromoform	75-25-2	8260B	ND		320	45	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		320	120	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		650	160	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		320	84	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		320	120	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		320	110	ug/kg	1
Chloroethane	75-00-3	8260B	ND		320	84	ug/kg	1
Chloroform	67-66-3	8260B	83	J	320	54	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		320	65	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		320	44	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		320	97	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		320	110	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		320	55	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		320	110	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		320	110	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		320	110	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		320	100	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		320	47	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		320	65	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		320	110	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		320	49	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		320	97	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		320	59	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		320	44	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		320	53	ug/kg	1
Ethylbenzene	100-41-4	8260B	290	J	320	110	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		650	84	ug/kg	1
Isopropylbenzene	98-82-8	8260B	980		320	15	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		320	63	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		320	26	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		650	97	ug/kg	1
Methylcyclohexane	108-87-2	8260B	8200		320	27	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		320	170	ug/kg	1
Styrene	100-42-5	8260B	ND		320	71	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		320	30	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		320	32	ug/kg	1
Toluene	108-88-3	8260B	ND		320	110	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	50	09/10/2013 2108	JJG		29060	5.72

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		320	41	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	950		320	110	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		320	55	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		320	51	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		320	120	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		320	97	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		320	56	ug/kg	1
Xylenes (total)	1330-20-7	8260B	400		320	190	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		69	53-142
Bromofluorobenzene		74	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
3	5035	8260B	1	09/11/2013 1521	AAC		29124	6.79
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	3
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	3
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	3
Bromoform	75-25-2	8260B	ND		5.2	0.72	ug/kg	3
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	3
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	3
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	3
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	3
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	3
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	3
Chloroform	67-66-3	8260B	0.90	J	5.2	0.86	ug/kg	3
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	3
Cyclohexane	110-82-7	8260B	ND		5.2	0.69	ug/kg	3
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.5	ug/kg	3
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	3
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	3
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	3
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	3
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	3
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.6	ug/kg	3
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.75	ug/kg	3
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	3
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	3
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.78	ug/kg	3
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.5	ug/kg	3
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	3
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	3
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	3
Ethylbenzene	100-41-4	8260B	4.7	J	5.2	1.8	ug/kg	3
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	3
Isopropylbenzene	98-82-8	8260B	14		5.2	0.24	ug/kg	3
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	3
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	3
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	3
Methylcyclohexane	108-87-2	8260B	44		5.2	0.42	ug/kg	3
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	3
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	3
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.48	ug/kg	3
Tetrachloroethene	127-18-4	8260B	3.4	J	5.2	0.52	ug/kg	3
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	3

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
3	5035	8260B	1	09/11/2013 1521	AAC		29124	6.79

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	3
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	3
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	3
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.81	ug/kg	3
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	3
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.5	ug/kg	3
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	3
Xylenes (total)	1330-20-7	8260B	14		5.2	3.0	ug/kg	3

Surrogate	Q	Run 3 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		103	47-138
Toluene-d8		114	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0312	JJG		28977	6.18
2	5035	8260B	1	09/10/2013 1538	JJG		29059	5.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.46	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	0.70	J	5.4	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0312	JJG		28977	6.18
2	5035	8260B	1	09/10/2013 1538	JJG		29059	5.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		91	53-142		101	53-142
Bromofluorobenzene		104	47-138		97	47-138
Toluene-d8		107	68-124		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0335	JJG		28977	5.93
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	35		25	8.2	ug/kg	1
Benzene	71-43-2	8260B	9.2		6.1	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.1	0.86	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	11		6.1	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	24		6.1	0.83	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	2.3	J	6.1	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.90	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.93	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	170		6.1	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	27		6.1	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.1	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	12		6.1	0.50	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	1
Styrene	100-42-5	8260B	3.7	J	6.1	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.1	0.61	ug/kg	1
Toluene	108-88-3	8260B	2.3	J	6.1	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0335	JJG		28977	5.93

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	0.77	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.1	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.97	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.1	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	31		6.1	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	53-142
Bromofluorobenzene		105	47-138
Toluene-d8		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	09/06/2013 1330	JAC		28870			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	09/06/2013 1330	JAC		28870			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1		
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1		
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1		
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1		
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1		
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1		
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1		
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1		
Surrogate	Q	Run 1 % Recovery	Acceptance Limits							
1,2-Dichloroethane-d4		99	70-130							
Bromofluorobenzene		102	70-130							
Toluene-d8		99	70-130							

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0358	JJG		28977	6.02
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	14	J	19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.5	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	1.2	J	4.8	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.95	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.87	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.65	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.78	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.93	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0358	JJG		28977	6.02

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	12		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		104	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0421	JJG		28977	6.01
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	14	J	22	7.4	ug/kg	1
Benzene	71-43-2	8260B	1.3	J	5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.92	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.75	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.81	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.91	ug/kg	1
Ethylbenzene	100-41-4	8260B	2.1	J	5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	1.3	J	5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0421	JJG		28977	6.01

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.70	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		103	47-138
Toluene-d8		99	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0445	JJG		28977	5.35

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	33		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	18		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0445	JJG		28977	5.35

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		107	47-138
Toluene-d8		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0509	JJG		28977	5.90
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.98	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0509	JJG		28977	5.90

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.98	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		106	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0532	JJG		28977	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.83	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.85	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.73	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.76	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.91	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.82	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.98	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	0.50	J	5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0532	JJG		28977	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.85	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.79	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.86	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0556	JJG		28977	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.92	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.75	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.94	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.81	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.84	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.91	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	19		5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0556	JJG		28977	6.22

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.70	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.94	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.88	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.96	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0619	JJG		28977	5.46
3	5035	8260B	50	09/11/2013 1410	AAC		29123	5.26

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		34	11	ug/kg	1
Benzene	71-43-2	8260B	ND		8.5	1.9	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		8.5	2.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		8.5	1.2	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		8.5	3.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		17	4.1	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		8.5	2.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		8.5	3.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		8.5	2.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		8.5	2.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		8.5	1.4	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		8.5	1.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		8.5	1.1	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		8.5	2.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		8.5	2.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		8.5	1.4	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		8.5	2.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		8.5	2.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		8.5	2.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		8.5	2.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		8.5	1.2	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		8.5	1.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		8.5	2.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		8.5	1.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		8.5	2.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		8.5	1.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		8.5	1.2	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		8.5	1.4	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		8.5	2.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		17	2.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		8.5	0.39	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		8.5	1.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		8.5	0.68	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		17	2.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		8.5	0.70	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		8.5	4.4	ug/kg	1
Styrene	100-42-5	8260B	ND		8.5	1.9	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		8.5	0.80	ug/kg	1
Tetrachloroethene	127-18-4	8260B	480		440	44	ug/kg	3

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0619	JJG		28977	5.46
3	5035	8260B	50	09/11/2013 1410	AAC		29123	5.26

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		8.5	2.9	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		8.5	1.1	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		8.5	2.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		8.5	1.4	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		8.5	1.3	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		8.5	3.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		8.5	2.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		8.5	1.5	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		8.5	4.9	ug/kg	1

Surrogate	Run 1			Run 3		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	53-142		75	53-142
Bromofluorobenzene		97	47-138		63	47-138
Toluene-d8		100	68-124		68	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0643	JJG		28977	5.77
2	5035	8260B	1	09/10/2013 1649	JJG		29059	5.32

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.1	ug/kg	1
Benzene	71-43-2	8260B	ND		6.1	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.1	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.1	0.85	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.1	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.1	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.1	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.1	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.1	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.1	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.1	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.1	0.82	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.1	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.1	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.1	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.1	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.1	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.1	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.1	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.1	0.89	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.1	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.1	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.1	0.92	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.1	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.1	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.1	0.82	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.1	0.99	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.1	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.1	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.1	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.1	0.49	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.1	0.50	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.1	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.1	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.1	0.57	ug/kg	1
Tetrachloroethene	127-18-4	8260B	210		6.6	0.66	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0643	JJG		28977	5.77
2	5035	8260B	1	09/10/2013 1649	JJG		29059	5.32

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		6.1	2.1	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.1	0.76	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.1	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.1	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.1	0.96	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.1	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.1	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.1	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.1	3.5	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142		98	53-142
Bromofluorobenzene		108	47-138		93	47-138
Toluene-d8		113	68-124		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0707	JJG		28977	6.21
2	5035	8260B	1	09/10/2013 1602	JJG		29059	6.20

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	60		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	19		9.9	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.99	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.99	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.90	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.81	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.97	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	0.55	J	5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	9.1		5.0	0.50	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0707	JJG		28977	6.21
2	5035	8260B	1	09/10/2013 1602	JJG		29059	6.20

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.62	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142		103	53-142
Bromofluorobenzene		96	47-138		93	47-138
Toluene-d8		101	68-124		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0730	JJG		28977	6.16
2	5035	8260B	1	09/10/2013 1625	JJG		29059	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		26	8.7	ug/kg	1
Benzene	71-43-2	8260B	ND		6.5	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.5	2.2	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.5	0.91	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.5	2.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.1	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.5	1.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.5	2.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.5	2.2	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.5	1.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.5	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.5	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.5	0.87	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.5	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.5	2.2	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.5	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.5	2.2	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.5	2.2	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.5	2.2	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.5	2.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.5	0.94	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.5	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.5	2.2	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.5	0.98	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.5	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.5	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.5	0.88	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.5	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.5	2.2	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.7	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.5	0.30	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.5	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.5	0.52	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.5	0.53	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.5	3.4	ug/kg	1
Styrene	100-42-5	8260B	ND		6.5	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.5	0.61	ug/kg	1
Tetrachloroethene	127-18-4	8260B	28		6.5	0.65	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0730	JJG		28977	6.16
2	5035	8260B	1	09/10/2013 1625	JJG		29059	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Toluene	108-88-3	8260B	ND		6.5	2.2	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.5	0.82	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.5	2.2	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.5	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.5	1.0	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.5	2.5	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.5	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.5	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.5	3.8	ug/kg	1

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	53-142		103	53-142
Bromofluorobenzene		96	47-138		93	47-138
Toluene-d8		104	68-124		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0754	JJG		28977	5.27
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.98	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.79	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	4.0	J	5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0754	JJG		28977	5.27

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.98	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0817	JJG		28977	5.92
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	4.3	J	5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0817	JJG		28977	5.92

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0841	JJG		28977	5.64

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.84	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.6	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	0.99	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.81	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.87	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.81	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.28	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0841	JJG		28977	5.64

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.75	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.95	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0904	JJG		28977	5.89
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.9	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.9	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.9	0.82	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.9	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.9	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.9	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.9	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.9	1.5	ug/kg	1
Chloroform	67-66-3	8260B	1.1	J	5.9	0.97	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.9	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.9	0.79	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.9	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.9	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.9	0.99	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.9	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.9	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.9	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.9	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.9	0.85	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.9	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.9	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.9	0.89	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.9	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.9	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.9	0.80	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.9	0.96	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.9	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.9	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.9	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.9	0.47	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.9	0.48	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.9	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.9	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.9	0.55	ug/kg	1
Tetrachloroethene	127-18-4	8260B	2.1	J	5.9	0.59	ug/kg	1
Toluene	108-88-3	8260B	ND		5.9	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 0904	JJG		28977	5.89

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.9	0.74	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.9	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.9	0.99	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.9	0.92	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.9	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.9	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.9	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.9	3.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 1736	JJG		29059	5.58

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		24	8.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.0	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.0	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.0	0.83	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.0	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.9	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.0	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.0	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.0	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.0	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.0	0.99	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.0	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.0	0.80	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.0	1.8	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.0	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.0	1.0	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.0	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.0	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.0	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.0	1.9	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.0	0.87	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.0	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.0	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.0	0.91	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.0	1.8	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.0	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.0	0.81	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.0	0.98	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.0	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.0	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.0	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.0	0.48	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.8	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.0	0.49	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.0	3.1	ug/kg	1
Styrene	100-42-5	8260B	ND		6.0	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.0	0.56	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		6.0	0.60	ug/kg	1
Toluene	108-88-3	8260B	ND		6.0	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 1736	JJG		29059	5.58

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.0	0.75	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.0	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.0	1.0	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.0	0.94	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.0	2.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.0	1.8	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.0	1.0	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.0	3.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		102	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 1800	JJG		29059	5.21
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		29	9.8	ug/kg	1
Benzene	71-43-2	8260B	ND		7.3	1.6	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.3	2.5	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.3	1.0	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.3	2.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	3.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.3	1.9	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.3	2.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.3	2.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.3	1.9	ug/kg	1
Chloroform	67-66-3	8260B	1.8	J	7.3	1.2	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.3	1.5	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.3	0.98	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.3	2.2	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.3	2.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.3	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.3	2.5	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.3	2.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.3	2.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.3	2.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.3	1.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.3	1.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.3	2.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.3	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.3	2.2	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.3	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.3	0.99	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.3	1.2	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.3	2.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	1.9	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.3	0.34	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.3	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.3	0.58	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	2.2	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.3	0.60	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.3	3.8	ug/kg	1
Styrene	100-42-5	8260B	ND		7.3	1.6	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.3	0.69	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.1	J	7.3	0.73	ug/kg	1
Toluene	108-88-3	8260B	ND		7.3	2.5	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/10/2013 1800	JJG		29059	5.21

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.3	0.92	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.3	2.5	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.3	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.3	1.2	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		7.3	2.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.3	2.2	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.3	1.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.3	4.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28870-001

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	09/06/2013 1251
Benzene	ND		1	5.0	0.20	ug/L	09/06/2013 1251
Bromodichloromethane	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Bromoform	ND		1	5.0	0.40	ug/L	09/06/2013 1251
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	09/06/2013 1251
2-Butanone (MEK)	ND		1	10	1.8	ug/L	09/06/2013 1251
Carbon disulfide	ND		1	5.0	0.30	ug/L	09/06/2013 1251
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	09/06/2013 1251
Chlorobenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Chloroethane	ND		1	5.0	0.50	ug/L	09/06/2013 1251
Chloroform	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	09/06/2013 1251
Cyclohexane	ND		1	5.0	0.98	ug/L	09/06/2013 1251
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	09/06/2013 1251
Dibromochloromethane	ND		1	5.0	1.7	ug/L	09/06/2013 1251
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	09/06/2013 1251
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	09/06/2013 1251
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	09/06/2013 1251
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	09/06/2013 1251
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	09/06/2013 1251
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	09/06/2013 1251
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	09/06/2013 1251
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	09/06/2013 1251
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/06/2013 1251
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/06/2013 1251
Ethylbenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
2-Hexanone	ND		1	10	1.0	ug/L	09/06/2013 1251
Isopropylbenzene	ND		1	5.0	1.0	ug/L	09/06/2013 1251
Methyl acetate	ND		1	5.0	0.72	ug/L	09/06/2013 1251
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	09/06/2013 1251
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	09/06/2013 1251
Methylcyclohexane	ND		1	5.0	0.95	ug/L	09/06/2013 1251
Methylene chloride	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Styrene	ND		1	5.0	0.10	ug/L	09/06/2013 1251
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	09/06/2013 1251
Tetrachloroethene	ND		1	5.0	0.40	ug/L	09/06/2013 1251
Toluene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	09/06/2013 1251
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	09/06/2013 1251
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	09/06/2013 1251
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	09/06/2013 1251

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28870-001

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	09/06/2013 1251
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	09/06/2013 1251
Vinyl chloride	ND		1	2.0	0.10	ug/L	09/06/2013 1251
Xylenes (total)	ND		1	5.0	1.7	ug/L	09/06/2013 1251
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	70-130				
1,2-Dichloroethane-d4		96	70-130				
Toluene-d8		103	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28870-002

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	109	60-140	09/06/2013 1122
Benzene	50	53		1	106	70-130	09/06/2013 1122
Bromodichloromethane	50	51		1	103	70-130	09/06/2013 1122
Bromoform	50	49		1	98	70-130	09/06/2013 1122
Bromomethane (Methyl bromide)	50	46		1	92	60-140	09/06/2013 1122
2-Butanone (MEK)	100	100		1	105	60-140	09/06/2013 1122
Carbon disulfide	50	50		1	99	60-140	09/06/2013 1122
Carbon tetrachloride	50	54		1	108	70-130	09/06/2013 1122
Chlorobenzene	50	52		1	103	70-130	09/06/2013 1122
Chloroethane	50	53		1	105	42-163	09/06/2013 1122
Chloroform	50	52		1	105	70-130	09/06/2013 1122
Chloromethane (Methyl chloride)	50	48		1	97	60-140	09/06/2013 1122
Cyclohexane	50	45		1	89	70-130	09/06/2013 1122
1,2-Dibromo-3-chloropropane (DBCP)	50	54		1	108	70-130	09/06/2013 1122
Dibromochloromethane	50	53		1	105	70-130	09/06/2013 1122
1,2-Dibromoethane (EDB)	50	52		1	104	70-130	09/06/2013 1122
1,4-Dichlorobenzene	50	52		1	103	70-130	09/06/2013 1122
1,3-Dichlorobenzene	50	53		1	107	70-130	09/06/2013 1122
1,2-Dichlorobenzene	50	52		1	105	70-130	09/06/2013 1122
Dichlorodifluoromethane	50	57		1	113	60-140	09/06/2013 1122
1,2-Dichloroethane	50	52		1	105	70-130	09/06/2013 1122
1,1-Dichloroethane	50	48		1	97	70-130	09/06/2013 1122
cis-1,2-Dichloroethene	50	51		1	103	70-130	09/06/2013 1122
trans-1,2-Dichloroethene	50	51		1	102	70-130	09/06/2013 1122
1,1-Dichloroethene	50	52		1	104	70-130	09/06/2013 1122
1,2-Dichloropropane	50	51		1	103	70-130	09/06/2013 1122
cis-1,3-Dichloropropene	50	52		1	104	70-130	09/06/2013 1122
trans-1,3-Dichloropropene	50	52		1	104	70-130	09/06/2013 1122
Ethylbenzene	50	51		1	102	70-130	09/06/2013 1122
2-Hexanone	100	110		1	109	60-140	09/06/2013 1122
Isopropylbenzene	50	54		1	109	70-130	09/06/2013 1122
Methyl acetate	50	50		1	100	70-130	09/06/2013 1122
Methyl tertiary butyl ether (MTBE)	50	53		1	106	70-130	09/06/2013 1122
4-Methyl-2-pentanone	100	110		1	109	60-140	09/06/2013 1122
Methylcyclohexane	50	50		1	100	70-130	09/06/2013 1122
Methylene chloride	50	53		1	107	70-130	09/06/2013 1122
Styrene	50	54		1	107	70-130	09/06/2013 1122
1,1,2,2-Tetrachloroethane	50	55		1	109	70-130	09/06/2013 1122
Tetrachloroethene	50	49		1	98	70-130	09/06/2013 1122
Toluene	50	51		1	102	70-130	09/06/2013 1122
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	97	70-130	09/06/2013 1122
1,2,4-Trichlorobenzene	50	53		1	107	70-130	09/06/2013 1122
1,1,1-Trichloroethane	50	51		1	102	70-130	09/06/2013 1122
1,1,2-Trichloroethane	50	49		1	98	70-130	09/06/2013 1122

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28870-002

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	49		1	97	70-130	09/06/2013 1122
Trichlorofluoromethane	50	55		1	111	70-130	09/06/2013 1122
Vinyl chloride	50	57		1	115	70-130	09/06/2013 1122
Xylenes (total)	100	100		1	104	70-130	09/06/2013 1122
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		104	70-130				
1,2-Dichloroethane-d4		99	70-130				
Toluene-d8		106	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28870-003

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	107	1.7	60-140	20	09/06/2013 1144
Benzene	50	52		1	104	2.5	70-130	20	09/06/2013 1144
Bromodichloromethane	50	51		1	103	0.025	70-130	20	09/06/2013 1144
Bromoform	50	49		1	98	0.66	70-130	20	09/06/2013 1144
Bromomethane (Methyl bromide)	50	42		1	84	8.8	60-140	20	09/06/2013 1144
2-Butanone (MEK)	100	100		1	100	4.5	60-140	20	09/06/2013 1144
Carbon disulfide	50	48		1	96	3.3	60-140	20	09/06/2013 1144
Carbon tetrachloride	50	54		1	108	0.16	70-130	20	09/06/2013 1144
Chlorobenzene	50	52		1	103	0.30	70-130	20	09/06/2013 1144
Chloroethane	50	51		1	102	3.6	42-163	20	09/06/2013 1144
Chloroform	50	52		1	105	0.13	70-130	20	09/06/2013 1144
Chloromethane (Methyl chloride)	50	50		1	100	3.1	60-140	20	09/06/2013 1144
Cyclohexane	50	45		1	91	1.5	70-130	20	09/06/2013 1144
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	105	2.2	70-130	20	09/06/2013 1144
Dibromochloromethane	50	54		1	108	2.6	70-130	20	09/06/2013 1144
1,2-Dibromoethane (EDB)	50	54		1	108	2.9	70-130	20	09/06/2013 1144
1,4-Dichlorobenzene	50	52		1	103	0.31	70-130	20	09/06/2013 1144
1,3-Dichlorobenzene	50	53		1	107	0.10	70-130	20	09/06/2013 1144
1,2-Dichlorobenzene	50	51		1	101	3.3	70-130	20	09/06/2013 1144
Dichlorodifluoromethane	50	53		1	106	6.9	60-140	20	09/06/2013 1144
1,2-Dichloroethane	50	51		1	103	1.9	70-130	20	09/06/2013 1144
1,1-Dichloroethane	50	48		1	96	0.59	70-130	20	09/06/2013 1144
cis-1,2-Dichloroethene	50	51		1	102	0.59	70-130	20	09/06/2013 1144
trans-1,2-Dichloroethene	50	50		1	100	2.7	70-130	20	09/06/2013 1144
1,1-Dichloroethene	50	51		1	101	2.5	70-130	20	09/06/2013 1144
1,2-Dichloropropane	50	50		1	101	2.0	70-130	20	09/06/2013 1144
cis-1,3-Dichloropropene	50	51		1	102	1.9	70-130	20	09/06/2013 1144
trans-1,3-Dichloropropene	50	52		1	104	0.29	70-130	20	09/06/2013 1144
Ethylbenzene	50	52		1	104	1.9	70-130	20	09/06/2013 1144
2-Hexanone	100	110		1	107	1.8	60-140	20	09/06/2013 1144
Isopropylbenzene	50	54		1	108	0.55	70-130	20	09/06/2013 1144
Methyl acetate	50	48		1	96	4.3	70-130	20	09/06/2013 1144
Methyl tertiary butyl ether (MTBE)	50	52		1	105	1.4	70-130	20	09/06/2013 1144
4-Methyl-2-pentanone	100	110		1	105	3.3	60-140	20	09/06/2013 1144
Methylcyclohexane	50	49		1	98	2.6	70-130	20	09/06/2013 1144
Methylene chloride	50	53		1	107	0.097	70-130	20	09/06/2013 1144
Styrene	50	54		1	108	1.0	70-130	20	09/06/2013 1144
1,1,2,2-Tetrachloroethane	50	53		1	106	2.7	70-130	20	09/06/2013 1144
Tetrachloroethene	50	49		1	98	0.29	70-130	20	09/06/2013 1144
Toluene	50	51		1	102	0.0039	70-130	20	09/06/2013 1144
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	48		1	96	0.80	70-130	20	09/06/2013 1144
1,2,4-Trichlorobenzene	50	52		1	104	3.0	70-130	20	09/06/2013 1144
1,1,1-Trichloroethane	50	51		1	102	0.039	70-130	20	09/06/2013 1144
1,1,2-Trichloroethane	50	49		1	98	0.33	70-130	20	09/06/2013 1144

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28870-003

Matrix: Aqueous

Batch: 28870

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	49		1	98	0.72	70-130	20	09/06/2013 1144
Trichlorofluoromethane	50	55		1	111	0.29	70-130	20	09/06/2013 1144
Vinyl chloride	50	57		1	115	0.070	70-130	20	09/06/2013 1144
Xylenes (total)	100	110		1	107	2.8	70-130	20	09/06/2013 1144
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		104	70-130						
1,2-Dichloroethane-d4		99	70-130						
Toluene-d8		104	70-130						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28963-001

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Benzene	ND		1	5.0	1.1	ug/kg	09/09/2013 1731
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
Bromoform	ND		1	5.0	0.70	ug/kg	09/09/2013 1731
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/09/2013 1731
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/09/2013 1731
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/09/2013 1731
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/09/2013 1731
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
Chloroethane	ND		1	5.0	1.3	ug/kg	09/09/2013 1731
Chloroform	ND		1	5.0	0.83	ug/kg	09/09/2013 1731
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/09/2013 1731
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/09/2013 1731
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/09/2013 1731
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/09/2013 1731
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/09/2013 1731
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/09/2013 1731
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/09/2013 1731
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/09/2013 1731
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/09/2013 1731
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/09/2013 1731
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/09/2013 1731
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/09/2013 1731
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
2-Hexanone	ND		1	10	1.3	ug/kg	09/09/2013 1731
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/09/2013 1731
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/09/2013 1731
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/09/2013 1731
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/09/2013 1731
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/09/2013 1731
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/09/2013 1731
Styrene	ND		1	5.0	1.1	ug/kg	09/09/2013 1731
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/09/2013 1731
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/09/2013 1731
Toluene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/09/2013 1731
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/09/2013 1731
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/09/2013 1731
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/09/2013 1731
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/09/2013 1731

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28963-001

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/09/2013 1731
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/09/2013 1731
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/09/2013 1731
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		97	47-138				
1,2-Dichloroethane-d4		96	53-142				
Toluene-d8		102	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28963-002

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	48		1	96	69-123	09/09/2013 1620
Bromodichloromethane	50	46		1	93	69-121	09/09/2013 1620
Bromoform	50	49		1	99	61-119	09/09/2013 1620
Bromomethane (Methyl bromide)	50	44		1	87	10-168	09/09/2013 1620
2-Butanone (MEK)	100	110		1	110	57-148	09/09/2013 1620
Carbon disulfide	50	49		1	99	58-122	09/09/2013 1620
Carbon tetrachloride	50	46		1	92	58-136	09/09/2013 1620
Chlorobenzene	50	49		1	98	59-129	09/09/2013 1620
Chloroethane	50	49		1	99	42-163	09/09/2013 1620
Chloroform	50	46		1	93	71-125	09/09/2013 1620
Chloromethane (Methyl chloride)	50	43		1	86	34-134	09/09/2013 1620
Cyclohexane	50	48		1	97	53-139	09/09/2013 1620
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	101	55-125	09/09/2013 1620
Dibromochloromethane	50	47		1	94	66-119	09/09/2013 1620
1,2-Dibromoethane (EDB)	50	49		1	98	74-124	09/09/2013 1620
1,2-Dichlorobenzene	50	49		1	98	57-131	09/09/2013 1620
1,4-Dichlorobenzene	50	50		1	101	52-133	09/09/2013 1620
1,3-Dichlorobenzene	50	50		1	100	51-134	09/09/2013 1620
Dichlorodifluoromethane	50	47		1	93	10-157	09/09/2013 1620
1,1-Dichloroethane	50	46		1	92	71-127	09/09/2013 1620
1,2-Dichloroethane	50	44		1	88	67-129	09/09/2013 1620
1,1-Dichloroethene	50	47		1	95	69-138	09/09/2013 1620
cis-1,2-Dichloroethene	50	49		1	98	70-122	09/09/2013 1620
trans-1,2-Dichloroethene	50	47		1	94	68-131	09/09/2013 1620
1,2-Dichloropropane	50	48		1	96	72-124	09/09/2013 1620
cis-1,3-Dichloropropene	50	51		1	102	70-126	09/09/2013 1620
trans-1,3-Dichloropropene	50	50		1	99	70-124	09/09/2013 1620
Ethylbenzene	50	51		1	102	59-128	09/09/2013 1620
2-Hexanone	100	110		1	112	54-137	09/09/2013 1620
Isopropylbenzene	50	56		1	112	50-136	09/09/2013 1620
Methyl acetate	50	46		1	92	59-137	09/09/2013 1620
Methyl tertiary butyl ether (MTBE)	50	48		1	97	70-130	09/09/2013 1620
4-Methyl-2-pentanone	100	110		1	110	60-134	09/09/2013 1620
Methylcyclohexane	50	51		1	103	41-144	09/09/2013 1620
Methylene chloride	50	44		1	88	70-130	09/09/2013 1620
Styrene	50	51		1	102	54-136	09/09/2013 1620
1,1,2,2-Tetrachloroethane	50	51		1	101	69-132	09/09/2013 1620
Tetrachloroethene	50	50		1	99	45-150	09/09/2013 1620
Toluene	50	50		1	100	61-129	09/09/2013 1620
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	94	49-136	09/09/2013 1620
1,2,4-Trichlorobenzene	50	51		1	101	34-145	09/09/2013 1620
1,1,2-Trichloroethane	50	49		1	98	55-128	09/09/2013 1620
1,1,1-Trichloroethane	50	46		1	93	63-128	09/09/2013 1620
Trichloroethene	50	51		1	103	62-126	09/09/2013 1620

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28963-002

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichlorofluoromethane	50	48		1	96	45-138	09/09/2013 1620
Vinyl chloride	50	52		1	104	42-132	09/09/2013 1620
Xylenes (total)	100	100		1	105	58-128	09/09/2013 1620
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		104	47-138				
1,2-Dichloroethane-d4		92	53-142				
Toluene-d8		106	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28963-003

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Benzene	50	47		1	94	1.6	69-123	20	09/09/2013 1644
Bromodichloromethane	50	45		1	90	2.6	69-121	20	09/09/2013 1644
Bromoform	50	47		1	95	4.0	61-119	20	09/09/2013 1644
Bromomethane (Methyl bromide)	50	43		1	86	2.2	10-168	20	09/09/2013 1644
2-Butanone (MEK)	100	100		1	104	5.5	57-148	20	09/09/2013 1644
Carbon disulfide	50	49		1	97	1.8	58-122	20	09/09/2013 1644
Carbon tetrachloride	50	45		1	90	1.6	58-136	20	09/09/2013 1644
Chlorobenzene	50	49		1	97	0.88	59-129	20	09/09/2013 1644
Chloroethane	50	49		1	99	0.26	42-163	20	09/09/2013 1644
Chloroform	50	46		1	92	1.0	71-125	20	09/09/2013 1644
Chloromethane (Methyl chloride)	50	42		1	84	1.7	34-134	20	09/09/2013 1644
Cyclohexane	50	48		1	96	1.0	53-139	20	09/09/2013 1644
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	95	6.4	55-125	20	09/09/2013 1644
Dibromochloromethane	50	47		1	95	0.52	66-119	20	09/09/2013 1644
1,2-Dibromoethane (EDB)	50	49		1	98	0.31	74-124	20	09/09/2013 1644
1,2-Dichlorobenzene	50	47		1	95	3.4	57-131	20	09/09/2013 1644
1,4-Dichlorobenzene	50	48		1	97	4.0	52-133	20	09/09/2013 1644
1,3-Dichlorobenzene	50	50		1	99	0.73	51-134	20	09/09/2013 1644
Dichlorodifluoromethane	50	47		1	94	1.3	10-157	20	09/09/2013 1644
1,1-Dichloroethane	50	46		1	93	0.18	71-127	20	09/09/2013 1644
1,2-Dichloroethane	50	44		1	89	0.32	67-129	20	09/09/2013 1644
1,1-Dichloroethene	50	47		1	94	0.70	69-138	20	09/09/2013 1644
cis-1,2-Dichloroethene	50	48		1	97	0.95	70-122	20	09/09/2013 1644
trans-1,2-Dichloroethene	50	47		1	94	0.46	68-131	20	09/09/2013 1644
1,2-Dichloropropane	50	47		1	94	2.1	72-124	20	09/09/2013 1644
cis-1,3-Dichloropropene	50	49		1	98	4.6	70-126	20	09/09/2013 1644
trans-1,3-Dichloropropene	50	50		1	101	1.1	70-124	20	09/09/2013 1644
Ethylbenzene	50	50		1	99	2.5	59-128	20	09/09/2013 1644
2-Hexanone	100	110		1	109	2.7	54-137	20	09/09/2013 1644
Isopropylbenzene	50	56		1	112	0.39	50-136	20	09/09/2013 1644
Methyl acetate	50	45		1	89	3.1	59-137	20	09/09/2013 1644
Methyl tertiary butyl ether (MTBE)	50	48		1	97	0.30	70-130	20	09/09/2013 1644
4-Methyl-2-pentanone	100	100		1	104	5.7	60-134	20	09/09/2013 1644
Methylcyclohexane	50	50		1	101	1.6	41-144	20	09/09/2013 1644
Methylene chloride	50	44		1	88	0.75	70-130	20	09/09/2013 1644
Styrene	50	49		1	98	3.5	54-136	20	09/09/2013 1644
1,1,2,2-Tetrachloroethane	50	51		1	101	0.055	69-132	20	09/09/2013 1644
Tetrachloroethene	50	51		1	102	2.6	45-150	20	09/09/2013 1644
Toluene	50	49		1	97	2.8	61-129	20	09/09/2013 1644
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	47		1	93	0.67	49-136	20	09/09/2013 1644
1,2,4-Trichlorobenzene	50	55		1	109	7.5	34-145	20	09/09/2013 1644
1,1,2-Trichloroethane	50	49		1	99	0.73	55-128	20	09/09/2013 1644
1,1,1-Trichloroethane	50	45		1	91	2.2	63-128	20	09/09/2013 1644
Trichloroethene	50	50		1	101	1.5	62-126	20	09/09/2013 1644

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28963-003

Matrix: Solid

Batch: 28963

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichlorofluoromethane	50	48		1	96	0.32	45-138	20	09/09/2013 1644
Vinyl chloride	50	51		1	103	1.4	42-132	20	09/09/2013 1644
Xylenes (total)	100	100		1	101	3.4	58-128	20	09/09/2013 1644
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		99	47-138						
1,2-Dichloroethane-d4		90	53-142						
Toluene-d8		103	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28977-001

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/10/2013 0132
Benzene	ND		1	5.0	1.1	ug/kg	09/10/2013 0132
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
Bromoform	ND		1	5.0	0.70	ug/kg	09/10/2013 0132
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/10/2013 0132
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/10/2013 0132
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/10/2013 0132
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/10/2013 0132
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
Chloroethane	ND		1	5.0	1.3	ug/kg	09/10/2013 0132
Chloroform	ND		1	5.0	0.83	ug/kg	09/10/2013 0132
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/10/2013 0132
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/10/2013 0132
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/10/2013 0132
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/10/2013 0132
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/10/2013 0132
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/10/2013 0132
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/10/2013 0132
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/10/2013 0132
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/10/2013 0132
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/10/2013 0132
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/10/2013 0132
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/10/2013 0132
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
2-Hexanone	ND		1	10	1.3	ug/kg	09/10/2013 0132
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/10/2013 0132
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/10/2013 0132
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/10/2013 0132
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/10/2013 0132
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/10/2013 0132
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/10/2013 0132
Styrene	ND		1	5.0	1.1	ug/kg	09/10/2013 0132
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/10/2013 0132
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/10/2013 0132
Toluene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/10/2013 0132
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 0132
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/10/2013 0132
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/10/2013 0132

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ28977-001

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/10/2013 0132
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/10/2013 0132
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/10/2013 0132
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/10/2013 0132
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		113	47-138				
1,2-Dichloroethane-d4		110	53-142				
Toluene-d8		113	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28977-002

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	120	60-140	09/10/2013 0000
Benzene	50	51		1	103	69-123	09/10/2013 0000
Bromodichloromethane	50	48		1	97	69-121	09/10/2013 0000
Bromoform	50	52		1	104	61-119	09/10/2013 0000
Bromomethane (Methyl bromide)	50	55		1	109	10-168	09/10/2013 0000
2-Butanone (MEK)	100	120		1	120	57-148	09/10/2013 0000
Carbon disulfide	50	61		1	122	58-122	09/10/2013 0000
Carbon tetrachloride	50	51		1	103	58-136	09/10/2013 0000
Chlorobenzene	50	50		1	101	59-129	09/10/2013 0000
Chloroethane	50	56		1	113	42-163	09/10/2013 0000
Chloroform	50	52		1	103	71-125	09/10/2013 0000
Chloromethane (Methyl chloride)	50	59		1	117	34-134	09/10/2013 0000
Cyclohexane	50	54		1	109	53-139	09/10/2013 0000
1,2-Dibromo-3-chloropropane (DBCP)	50	53		1	106	55-125	09/10/2013 0000
Dibromochloromethane	50	50		1	99	66-119	09/10/2013 0000
1,2-Dibromoethane (EDB)	50	51		1	102	74-124	09/10/2013 0000
1,4-Dichlorobenzene	50	52		1	104	52-133	09/10/2013 0000
1,3-Dichlorobenzene	50	51		1	103	51-134	09/10/2013 0000
1,2-Dichlorobenzene	50	51		1	101	57-131	09/10/2013 0000
Dichlorodifluoromethane	50	62		1	125	10-157	09/10/2013 0000
1,2-Dichloroethane	50	49		1	97	67-129	09/10/2013 0000
1,1-Dichloroethane	50	52		1	103	71-127	09/10/2013 0000
trans-1,2-Dichloroethene	50	54		1	107	68-131	09/10/2013 0000
cis-1,2-Dichloroethene	50	55		1	110	70-122	09/10/2013 0000
1,1-Dichloroethene	50	53		1	107	69-138	09/10/2013 0000
1,2-Dichloropropane	50	49		1	97	72-124	09/10/2013 0000
trans-1,3-Dichloropropene	50	50		1	101	70-124	09/10/2013 0000
cis-1,3-Dichloropropene	50	51		1	101	70-126	09/10/2013 0000
Ethylbenzene	50	52		1	103	59-128	09/10/2013 0000
2-Hexanone	100	110		1	112	54-137	09/10/2013 0000
Isopropylbenzene	50	58		1	115	50-136	09/10/2013 0000
Methyl acetate	50	53		1	107	59-137	09/10/2013 0000
Methyl tertiary butyl ether (MTBE)	50	56		1	111	70-130	09/10/2013 0000
4-Methyl-2-pentanone	100	110		1	114	60-134	09/10/2013 0000
Methylcyclohexane	50	56		1	113	41-144	09/10/2013 0000
Methylene chloride	50	50		1	100	70-130	09/10/2013 0000
Styrene	50	51		1	101	54-136	09/10/2013 0000
1,1,2,2-Tetrachloroethane	50	53		1	106	69-132	09/10/2013 0000
Tetrachloroethene	50	52		1	103	45-150	09/10/2013 0000
Toluene	50	50		1	99	61-129	09/10/2013 0000
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	54		1	108	49-136	09/10/2013 0000
1,2,4-Trichlorobenzene	50	51		1	101	34-145	09/10/2013 0000
1,1,2-Trichloroethane	50	51		1	103	55-128	09/10/2013 0000
1,1,1-Trichloroethane	50	52		1	105	63-128	09/10/2013 0000

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28977-002

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	107	62-126	09/10/2013 0000
Trichlorofluoromethane	50	58		1	115	45-138	09/10/2013 0000
Vinyl chloride	50	65		1	131	42-132	09/10/2013 0000
Xylenes (total)	100	110		1	107	58-128	09/10/2013 0000
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		102	47-138				
1,2-Dichloroethane-d4		96	53-142				
Toluene-d8		102	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ28977-003

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	105	14	60-140	20	09/10/2013 0023
Benzene	50	51		1	101	1.5	69-123	20	09/10/2013 0023
Bromodichloromethane	50	48		1	95	1.7	69-121	20	09/10/2013 0023
Bromoform	50	50		1	100	4.2	61-119	20	09/10/2013 0023
Bromomethane (Methyl bromide)	50	52		1	104	5.5	10-168	20	09/10/2013 0023
2-Butanone (MEK)	100	110		1	106	12	57-148	20	09/10/2013 0023
Carbon disulfide	50	58		1	116	4.5	58-122	20	09/10/2013 0023
Carbon tetrachloride	50	49		1	98	4.4	58-136	20	09/10/2013 0023
Chlorobenzene	50	51		1	102	1.2	59-129	20	09/10/2013 0023
Chloroethane	50	58		1	116	2.6	42-163	20	09/10/2013 0023
Chloroform	50	50		1	100	3.8	71-125	20	09/10/2013 0023
Chloromethane (Methyl chloride)	50	56		1	111	5.3	34-134	20	09/10/2013 0023
Cyclohexane	50	52		1	104	4.8	53-139	20	09/10/2013 0023
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	99	6.9	55-125	20	09/10/2013 0023
Dibromochloromethane	50	49		1	98	0.87	66-119	20	09/10/2013 0023
1,2-Dibromoethane (EDB)	50	51		1	102	0.21	74-124	20	09/10/2013 0023
1,4-Dichlorobenzene	50	51		1	102	1.5	52-133	20	09/10/2013 0023
1,3-Dichlorobenzene	50	51		1	103	0.053	51-134	20	09/10/2013 0023
1,2-Dichlorobenzene	50	51		1	101	0.19	57-131	20	09/10/2013 0023
Dichlorodifluoromethane	50	60		1	120	3.6	10-157	20	09/10/2013 0023
1,2-Dichloroethane	50	48		1	95	2.2	67-129	20	09/10/2013 0023
1,1-Dichloroethane	50	51		1	102	1.7	71-127	20	09/10/2013 0023
trans-1,2-Dichloroethene	50	52		1	104	3.0	68-131	20	09/10/2013 0023
cis-1,2-Dichloroethene	50	53		1	106	4.0	70-122	20	09/10/2013 0023
1,1-Dichloroethene	50	52		1	104	2.7	69-138	20	09/10/2013 0023
1,2-Dichloropropane	50	48		1	97	0.77	72-124	20	09/10/2013 0023
trans-1,3-Dichloropropene	50	51		1	101	0.79	70-124	20	09/10/2013 0023
cis-1,3-Dichloropropene	50	51		1	101	0.061	70-126	20	09/10/2013 0023
Ethylbenzene	50	51		1	102	1.7	59-128	20	09/10/2013 0023
2-Hexanone	100	100		1	104	8.0	54-137	20	09/10/2013 0023
Isopropylbenzene	50	58		1	116	0.14	50-136	20	09/10/2013 0023
Methyl acetate	50	47		1	94	13	59-137	20	09/10/2013 0023
Methyl tertiary butyl ether (MTBE)	50	54		1	108	3.0	70-130	20	09/10/2013 0023
4-Methyl-2-pentanone	100	100		1	104	8.8	60-134	20	09/10/2013 0023
Methylcyclohexane	50	54		1	107	5.1	41-144	20	09/10/2013 0023
Methylene chloride	50	50		1	100	0.76	70-130	20	09/10/2013 0023
Styrene	50	50		1	101	0.63	54-136	20	09/10/2013 0023
1,1,2,2-Tetrachloroethane	50	52		1	103	2.5	69-132	20	09/10/2013 0023
Tetrachloroethene	50	52		1	105	1.4	45-150	20	09/10/2013 0023
Toluene	50	50		1	99	0.020	61-129	20	09/10/2013 0023
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	53		1	105	2.4	49-136	20	09/10/2013 0023
1,2,4-Trichlorobenzene	50	51		1	102	1.1	34-145	20	09/10/2013 0023
1,1,2-Trichloroethane	50	50		1	101	2.0	55-128	20	09/10/2013 0023
1,1,1-Trichloroethane	50	50		1	101	3.9	63-128	20	09/10/2013 0023

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ28977-003

Matrix: Solid

Batch: 28977

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	52		1	105	1.7	62-126	20	09/10/2013 0023
Trichlorofluoromethane	50	54		1	108	6.2	45-138	20	09/10/2013 0023
Vinyl chloride	50	62		1	125	4.6	42-132	20	09/10/2013 0023
Xylenes (total)	100	110		1	106	0.12	58-128	20	09/10/2013 0023
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		98	47-138						
1,2-Dichloroethane-d4		91	53-142						
Toluene-d8		102	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29059-001

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/10/2013 1351
Benzene	ND		1	5.0	1.1	ug/kg	09/10/2013 1351
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
Bromoform	ND		1	5.0	0.70	ug/kg	09/10/2013 1351
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/10/2013 1351
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/10/2013 1351
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/10/2013 1351
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/10/2013 1351
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
Chloroethane	ND		1	5.0	1.3	ug/kg	09/10/2013 1351
Chloroform	ND		1	5.0	0.83	ug/kg	09/10/2013 1351
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/10/2013 1351
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/10/2013 1351
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/10/2013 1351
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/10/2013 1351
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/10/2013 1351
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/10/2013 1351
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/10/2013 1351
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/10/2013 1351
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/10/2013 1351
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/10/2013 1351
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/10/2013 1351
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/10/2013 1351
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
2-Hexanone	ND		1	10	1.3	ug/kg	09/10/2013 1351
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/10/2013 1351
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/10/2013 1351
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/10/2013 1351
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/10/2013 1351
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/10/2013 1351
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/10/2013 1351
Styrene	ND		1	5.0	1.1	ug/kg	09/10/2013 1351
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/10/2013 1351
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/10/2013 1351
Toluene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/10/2013 1351
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/10/2013 1351
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/10/2013 1351
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/10/2013 1351

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29059-001

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/10/2013 1351
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/10/2013 1351
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/10/2013 1351
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/10/2013 1351
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		97	47-138				
1,2-Dichloroethane-d4		101	53-142				
Toluene-d8		104	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29059-002

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	114	60-140	09/10/2013 1216
Benzene	50	50		1	101	69-123	09/10/2013 1216
Bromodichloromethane	50	50		1	99	69-121	09/10/2013 1216
Bromoform	50	53		1	107	61-119	09/10/2013 1216
Bromomethane (Methyl bromide)	50	52		1	103	10-168	09/10/2013 1216
2-Butanone (MEK)	100	120		1	120	57-148	09/10/2013 1216
Carbon disulfide	50	55		1	111	58-122	09/10/2013 1216
Carbon tetrachloride	50	50		1	100	58-136	09/10/2013 1216
Chlorobenzene	50	52		1	103	59-129	09/10/2013 1216
Chloroethane	50	56		1	112	42-163	09/10/2013 1216
Chloroform	50	50		1	99	71-125	09/10/2013 1216
Chloromethane (Methyl chloride)	50	56		1	112	34-134	09/10/2013 1216
Cyclohexane	50	53		1	106	53-139	09/10/2013 1216
1,2-Dibromo-3-chloropropane (DBCP)	50	54		1	108	55-125	09/10/2013 1216
Dibromochloromethane	50	51		1	102	66-119	09/10/2013 1216
1,2-Dibromoethane (EDB)	50	53		1	106	74-124	09/10/2013 1216
1,4-Dichlorobenzene	50	52		1	103	52-133	09/10/2013 1216
1,3-Dichlorobenzene	50	52		1	104	51-134	09/10/2013 1216
1,2-Dichlorobenzene	50	52		1	103	57-131	09/10/2013 1216
Dichlorodifluoromethane	50	60		1	121	10-157	09/10/2013 1216
1,2-Dichloroethane	50	49		1	98	67-129	09/10/2013 1216
1,1-Dichloroethane	50	50		1	101	71-127	09/10/2013 1216
trans-1,2-Dichloroethene	50	51		1	103	68-131	09/10/2013 1216
cis-1,2-Dichloroethene	50	52		1	105	70-122	09/10/2013 1216
1,1-Dichloroethene	50	50		1	101	69-138	09/10/2013 1216
1,2-Dichloropropane	50	51		1	102	72-124	09/10/2013 1216
trans-1,3-Dichloropropene	50	53		1	106	70-124	09/10/2013 1216
cis-1,3-Dichloropropene	50	53		1	107	70-126	09/10/2013 1216
Ethylbenzene	50	54		1	107	59-128	09/10/2013 1216
2-Hexanone	100	120		1	121	54-137	09/10/2013 1216
Isopropylbenzene	50	56		1	113	50-136	09/10/2013 1216
Methyl acetate	50	53		1	105	59-137	09/10/2013 1216
Methyl tertiary butyl ether (MTBE)	50	54		1	107	70-130	09/10/2013 1216
4-Methyl-2-pentanone	100	120		1	118	60-134	09/10/2013 1216
Methylcyclohexane	50	55		1	111	41-144	09/10/2013 1216
Methylene chloride	50	49		1	98	70-130	09/10/2013 1216
Styrene	50	54		1	108	54-136	09/10/2013 1216
1,1,2,2-Tetrachloroethane	50	55		1	110	69-132	09/10/2013 1216
Tetrachloroethene	50	53		1	106	45-150	09/10/2013 1216
Toluene	50	53		1	107	61-129	09/10/2013 1216
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	104	49-136	09/10/2013 1216
1,2,4-Trichlorobenzene	50	49		1	99	34-145	09/10/2013 1216
1,1,2-Trichloroethane	50	52		1	104	55-128	09/10/2013 1216
1,1,1-Trichloroethane	50	51		1	101	63-128	09/10/2013 1216

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29059-002

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	103	62-126	09/10/2013 1216
Trichlorofluoromethane	50	55		1	109	45-138	09/10/2013 1216
Vinyl chloride	50	62		1	123	42-132	09/10/2013 1216
Xylenes (total)	100	110		1	111	58-128	09/10/2013 1216
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		106	47-138				
1,2-Dichloroethane-d4		96	53-142				
Toluene-d8		108	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29059-003

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	111	2.7	60-140	20	09/10/2013 1240
Benzene	50	51		1	102	1.6	69-123	20	09/10/2013 1240
Bromodichloromethane	50	51		1	101	1.7	69-121	20	09/10/2013 1240
Bromoform	50	53		1	106	0.81	61-119	20	09/10/2013 1240
Bromomethane (Methyl bromide)	50	51		1	103	0.63	10-168	20	09/10/2013 1240
2-Butanone (MEK)	100	120		1	119	0.86	57-148	20	09/10/2013 1240
Carbon disulfide	50	56		1	112	0.75	58-122	20	09/10/2013 1240
Carbon tetrachloride	50	49		1	98	2.0	58-136	20	09/10/2013 1240
Chlorobenzene	50	52		1	103	0.39	59-129	20	09/10/2013 1240
Chloroethane	50	56		1	111	0.55	42-163	20	09/10/2013 1240
Chloroform	50	49		1	98	1.3	71-125	20	09/10/2013 1240
Chloromethane (Methyl chloride)	50	55		1	111	1.3	34-134	20	09/10/2013 1240
Cyclohexane	50	52		1	103	2.4	53-139	20	09/10/2013 1240
1,2-Dibromo-3-chloropropane (DBCP)	50	55		1	109	0.83	55-125	20	09/10/2013 1240
Dibromochloromethane	50	51		1	102	0.72	66-119	20	09/10/2013 1240
1,2-Dibromoethane (EDB)	50	53		1	105	0.44	74-124	20	09/10/2013 1240
1,4-Dichlorobenzene	50	51		1	103	0.89	52-133	20	09/10/2013 1240
1,3-Dichlorobenzene	50	52		1	104	0.094	51-134	20	09/10/2013 1240
1,2-Dichlorobenzene	50	52		1	104	0.90	57-131	20	09/10/2013 1240
Dichlorodifluoromethane	50	59		1	119	1.9	10-157	20	09/10/2013 1240
1,2-Dichloroethane	50	49		1	97	0.97	67-129	20	09/10/2013 1240
1,1-Dichloroethane	50	50		1	99	1.5	71-127	20	09/10/2013 1240
trans-1,2-Dichloroethene	50	51		1	101	1.4	68-131	20	09/10/2013 1240
cis-1,2-Dichloroethene	50	52		1	104	0.79	70-122	20	09/10/2013 1240
1,1-Dichloroethene	50	50		1	100	0.31	69-138	20	09/10/2013 1240
1,2-Dichloropropane	50	51		1	102	0.035	72-124	20	09/10/2013 1240
trans-1,3-Dichloropropene	50	53		1	106	0.64	70-124	20	09/10/2013 1240
cis-1,3-Dichloropropene	50	53		1	107	0.034	70-126	20	09/10/2013 1240
Ethylbenzene	50	52		1	105	2.3	59-128	20	09/10/2013 1240
2-Hexanone	100	120		1	117	3.5	54-137	20	09/10/2013 1240
Isopropylbenzene	50	57		1	113	0.78	50-136	20	09/10/2013 1240
Methyl acetate	50	51		1	102	2.9	59-137	20	09/10/2013 1240
Methyl tertiary butyl ether (MTBE)	50	53		1	106	0.96	70-130	20	09/10/2013 1240
4-Methyl-2-pentanone	100	120		1	116	1.8	60-134	20	09/10/2013 1240
Methylcyclohexane	50	55		1	109	1.2	41-144	20	09/10/2013 1240
Methylene chloride	50	49		1	98	0.049	70-130	20	09/10/2013 1240
Styrene	50	53		1	105	2.9	54-136	20	09/10/2013 1240
1,1,2,2-Tetrachloroethane	50	55		1	110	0.14	69-132	20	09/10/2013 1240
Tetrachloroethene	50	53		1	105	1.0	45-150	20	09/10/2013 1240
Toluene	50	52		1	104	2.0	61-129	20	09/10/2013 1240
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	51		1	102	2.1	49-136	20	09/10/2013 1240
1,2,4-Trichlorobenzene	50	49		1	97	1.9	34-145	20	09/10/2013 1240
1,1,2-Trichloroethane	50	53		1	105	1.1	55-128	20	09/10/2013 1240
1,1,1-Trichloroethane	50	50		1	100	1.9	63-128	20	09/10/2013 1240

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29059-003

Matrix: Solid

Batch: 29059

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	52		1	104	0.79	62-126	20	09/10/2013 1240
Trichlorofluoromethane	50	54		1	109	0.90	45-138	20	09/10/2013 1240
Vinyl chloride	50	60		1	120	2.5	42-132	20	09/10/2013 1240
Xylenes (total)	100	110		1	108	2.5	58-128	20	09/10/2013 1240
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		99	47-138						
1,2-Dichloroethane-d4		89	53-142						
Toluene-d8		103	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29060-001

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		50	1000	340	ug/kg	09/11/2013 0352
Benzene	ND		50	250	55	ug/kg	09/11/2013 0352
Bromodichloromethane	ND		50	250	85	ug/kg	09/11/2013 0352
Bromoform	ND		50	250	35	ug/kg	09/11/2013 0352
Bromomethane (Methyl bromide)	ND		50	250	90	ug/kg	09/11/2013 0352
2-Butanone (MEK)	ND		50	500	120	ug/kg	09/11/2013 0352
Carbon disulfide	ND		50	250	65	ug/kg	09/11/2013 0352
Carbon tetrachloride	ND		50	250	90	ug/kg	09/11/2013 0352
Chlorobenzene	ND		50	250	85	ug/kg	09/11/2013 0352
Chloroethane	ND		50	250	65	ug/kg	09/11/2013 0352
Chloroform	ND		50	250	42	ug/kg	09/11/2013 0352
Chloromethane (Methyl chloride)	ND		50	250	50	ug/kg	09/11/2013 0352
Cyclohexane	ND		50	250	34	ug/kg	09/11/2013 0352
1,2-Dibromo-3-chloropropane (DBCP)	ND		50	250	75	ug/kg	09/11/2013 0352
Dibromochloromethane	ND		50	250	85	ug/kg	09/11/2013 0352
1,2-Dibromoethane (EDB)	ND		50	250	43	ug/kg	09/11/2013 0352
1,4-Dichlorobenzene	ND		50	250	85	ug/kg	09/11/2013 0352
1,3-Dichlorobenzene	ND		50	250	85	ug/kg	09/11/2013 0352
1,2-Dichlorobenzene	ND		50	250	85	ug/kg	09/11/2013 0352
Dichlorodifluoromethane	ND		50	250	80	ug/kg	09/11/2013 0352
1,2-Dichloroethane	ND		50	250	50	ug/kg	09/11/2013 0352
1,1-Dichloroethane	ND		50	250	37	ug/kg	09/11/2013 0352
trans-1,2-Dichloroethene	ND		50	250	75	ug/kg	09/11/2013 0352
cis-1,2-Dichloroethene	ND		50	250	38	ug/kg	09/11/2013 0352
1,1-Dichloroethene	ND		50	250	85	ug/kg	09/11/2013 0352
1,2-Dichloropropane	ND		50	250	46	ug/kg	09/11/2013 0352
trans-1,3-Dichloropropene	ND		50	250	41	ug/kg	09/11/2013 0352
cis-1,3-Dichloropropene	ND		50	250	34	ug/kg	09/11/2013 0352
Ethylbenzene	ND		50	250	85	ug/kg	09/11/2013 0352
2-Hexanone	ND		50	500	65	ug/kg	09/11/2013 0352
Isopropylbenzene	ND		50	250	12	ug/kg	09/11/2013 0352
Methyl acetate	ND		50	250	49	ug/kg	09/11/2013 0352
Methyl tertiary butyl ether (MTBE)	ND		50	250	20	ug/kg	09/11/2013 0352
4-Methyl-2-pentanone	ND		50	500	75	ug/kg	09/11/2013 0352
Methylcyclohexane	ND		50	250	21	ug/kg	09/11/2013 0352
Methylene chloride	ND		50	250	130	ug/kg	09/11/2013 0352
Styrene	ND		50	250	55	ug/kg	09/11/2013 0352
1,1,2,2-Tetrachloroethane	ND		50	250	24	ug/kg	09/11/2013 0352
Tetrachloroethene	ND		50	250	25	ug/kg	09/11/2013 0352
Toluene	ND		50	250	85	ug/kg	09/11/2013 0352
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		50	250	32	ug/kg	09/11/2013 0352
1,2,4-Trichlorobenzene	ND		50	250	85	ug/kg	09/11/2013 0352
1,1,2-Trichloroethane	ND		50	250	40	ug/kg	09/11/2013 0352
1,1,1-Trichloroethane	ND		50	250	43	ug/kg	09/11/2013 0352

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29060-001

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		50	250	95	ug/kg	09/11/2013 0352
Trichlorofluoromethane	ND		50	250	75	ug/kg	09/11/2013 0352
Vinyl chloride	ND		50	250	43	ug/kg	09/11/2013 0352
Xylenes (total)	ND		50	250	150	ug/kg	09/11/2013 0352
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		98	47-138				
1,2-Dichloroethane-d4		107	53-142				
Toluene-d8		103	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29060-002

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	5000	3900		50	79	60-140	09/11/2013 0241
Benzene	2500	2700		50	107	69-123	09/11/2013 0241
Bromodichloromethane	2500	2500		50	101	69-121	09/11/2013 0241
Bromoform	2500	2500		50	101	61-119	09/11/2013 0241
Bromomethane (Methyl bromide)	2500	1700		50	67	10-168	09/11/2013 0241
2-Butanone (MEK)	5000	5900		50	117	57-148	09/11/2013 0241
Carbon disulfide	2500	2600		50	105	58-122	09/11/2013 0241
Carbon tetrachloride	2500	2500		50	100	58-136	09/11/2013 0241
Chlorobenzene	2500	2600		50	106	59-129	09/11/2013 0241
Chloroethane	2500	2100		50	83	42-163	09/11/2013 0241
Chloroform	2500	2600		50	103	71-125	09/11/2013 0241
Chloromethane (Methyl chloride)	2500	2100		50	85	34-134	09/11/2013 0241
Cyclohexane	2500	2600		50	105	53-139	09/11/2013 0241
1,2-Dibromo-3-chloropropane (DBCP)	2500	2700		50	106	55-125	09/11/2013 0241
Dibromochloromethane	2500	2600		50	104	66-119	09/11/2013 0241
1,2-Dibromoethane (EDB)	2500	2700		50	106	74-124	09/11/2013 0241
1,4-Dichlorobenzene	2500	2600		50	103	52-133	09/11/2013 0241
1,3-Dichlorobenzene	2500	2600		50	103	51-134	09/11/2013 0241
1,2-Dichlorobenzene	2500	2600		50	104	57-131	09/11/2013 0241
Dichlorodifluoromethane	2500	1600		50	65	10-157	09/11/2013 0241
1,2-Dichloroethane	2500	2500		50	99	67-129	09/11/2013 0241
1,1-Dichloroethane	2500	2600		50	103	71-127	09/11/2013 0241
trans-1,2-Dichloroethene	2500	2600		50	104	68-131	09/11/2013 0241
cis-1,2-Dichloroethene	2500	2700		50	106	70-122	09/11/2013 0241
1,1-Dichloroethene	2500	2600		50	103	69-138	09/11/2013 0241
1,2-Dichloropropane	2500	2700		50	108	72-124	09/11/2013 0241
trans-1,3-Dichloropropene	2500	2800		50	110	70-124	09/11/2013 0241
cis-1,3-Dichloropropene	2500	2700		50	110	70-126	09/11/2013 0241
Ethylbenzene	2500	2700		50	109	59-128	09/11/2013 0241
2-Hexanone	5000	5600		50	112	54-137	09/11/2013 0241
Isopropylbenzene	2500	2900		50	115	50-136	09/11/2013 0241
Methyl acetate	2500	2800		50	110	59-137	09/11/2013 0241
Methyl tertiary butyl ether (MTBE)	2500	2800		50	110	70-130	09/11/2013 0241
4-Methyl-2-pentanone	5000	5600		50	112	60-134	09/11/2013 0241
Methylcyclohexane	2500	2800		50	111	41-144	09/11/2013 0241
Methylene chloride	2500	2500		50	101	70-130	09/11/2013 0241
Styrene	2500	2700		50	108	54-136	09/11/2013 0241
1,1,2,2-Tetrachloroethane	2500	2800		50	111	69-132	09/11/2013 0241
Tetrachloroethene	2500	2700		50	107	45-150	09/11/2013 0241
Toluene	2500	2700		50	108	61-129	09/11/2013 0241
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2500		50	101	49-136	09/11/2013 0241
1,2,4-Trichlorobenzene	2500	2500		50	99	34-145	09/11/2013 0241
1,1,2-Trichloroethane	2500	2700		50	110	55-128	09/11/2013 0241
1,1,1-Trichloroethane	2500	2500		50	101	63-128	09/11/2013 0241

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29060-002

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	2500	2700		50	107	62-126	09/11/2013 0241
Trichlorofluoromethane	2500	2600		50	103	45-138	09/11/2013 0241
Vinyl chloride	2500	2500		50	102	42-132	09/11/2013 0241
Xylenes (total)	5000	5600		50	111	58-128	09/11/2013 0241
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		104	47-138				
1,2-Dichloroethane-d4		98	53-142				
Toluene-d8		105	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29060-003

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	5000	3000	+	50	60	26	60-140	20	09/11/2013 0305
Benzene	2500	2500		50	99	7.5	69-123	20	09/11/2013 0305
Bromodichloromethane	2500	2400		50	95	6.7	69-121	20	09/11/2013 0305
Bromoform	2500	2400		50	95	6.5	61-119	20	09/11/2013 0305
Bromomethane (Methyl bromide)	2500	1600		50	63	5.3	10-168	20	09/11/2013 0305
2-Butanone (MEK)	5000	5000		50	100	16	57-148	20	09/11/2013 0305
Carbon disulfide	2500	2300		50	93	12	58-122	20	09/11/2013 0305
Carbon tetrachloride	2500	2300		50	92	8.0	58-136	20	09/11/2013 0305
Chlorobenzene	2500	2400		50	97	8.7	59-129	20	09/11/2013 0305
Chloroethane	2500	1900		50	78	6.8	42-163	20	09/11/2013 0305
Chloroform	2500	2400		50	96	6.8	71-125	20	09/11/2013 0305
Chloromethane (Methyl chloride)	2500	2000		50	79	6.7	34-134	20	09/11/2013 0305
Cyclohexane	2500	2400		50	97	8.6	53-139	20	09/11/2013 0305
1,2-Dibromo-3-chloropropane (DBCP)	2500	2400		50	97	9.1	55-125	20	09/11/2013 0305
Dibromochloromethane	2500	2400		50	95	9.0	66-119	20	09/11/2013 0305
1,2-Dibromoethane (EDB)	2500	2500		50	100	6.1	74-124	20	09/11/2013 0305
1,4-Dichlorobenzene	2500	2500		50	98	4.9	52-133	20	09/11/2013 0305
1,3-Dichlorobenzene	2500	2400		50	96	7.2	51-134	20	09/11/2013 0305
1,2-Dichlorobenzene	2500	2400		50	97	7.0	57-131	20	09/11/2013 0305
Dichlorodifluoromethane	2500	1500		50	60	8.6	10-157	20	09/11/2013 0305
1,2-Dichloroethane	2500	2300		50	93	6.1	67-129	20	09/11/2013 0305
1,1-Dichloroethane	2500	2400		50	97	5.7	71-127	20	09/11/2013 0305
trans-1,2-Dichloroethene	2500	2400		50	98	6.5	68-131	20	09/11/2013 0305
cis-1,2-Dichloroethene	2500	2500		50	100	6.6	70-122	20	09/11/2013 0305
1,1-Dichloroethene	2500	2400		50	97	5.7	69-138	20	09/11/2013 0305
1,2-Dichloropropane	2500	2400		50	98	10	72-124	20	09/11/2013 0305
trans-1,3-Dichloropropene	2500	2500		50	101	9.0	70-124	20	09/11/2013 0305
cis-1,3-Dichloropropene	2500	2600		50	103	6.2	70-126	20	09/11/2013 0305
Ethylbenzene	2500	2500		50	101	7.7	59-128	20	09/11/2013 0305
2-Hexanone	5000	5000		50	99	13	54-137	20	09/11/2013 0305
Isopropylbenzene	2500	2700		50	107	7.1	50-136	20	09/11/2013 0305
Methyl acetate	2500	2400		50	94	16	59-137	20	09/11/2013 0305
Methyl tertiary butyl ether (MTBE)	2500	2500		50	102	7.9	70-130	20	09/11/2013 0305
4-Methyl-2-pentanone	5000	5000		50	101	11	60-134	20	09/11/2013 0305
Methylcyclohexane	2500	2500		50	100	11	41-144	20	09/11/2013 0305
Methylene chloride	2500	2400		50	96	5.8	70-130	20	09/11/2013 0305
Styrene	2500	2500		50	101	7.3	54-136	20	09/11/2013 0305
1,1,2,2-Tetrachloroethane	2500	2600		50	102	8.2	69-132	20	09/11/2013 0305
Tetrachloroethene	2500	2500		50	99	7.8	45-150	20	09/11/2013 0305
Toluene	2500	2500		50	99	8.7	61-129	20	09/11/2013 0305
1,1,2-Trichloro-1,2,2-Trifluoroethane	2500	2300		50	92	9.0	49-136	20	09/11/2013 0305
1,2,4-Trichlorobenzene	2500	2200		50	89	10	34-145	20	09/11/2013 0305
1,1,2-Trichloroethane	2500	2500		50	100	8.7	55-128	20	09/11/2013 0305
1,1,1-Trichloroethane	2500	2300		50	92	8.5	63-128	20	09/11/2013 0305

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29060-003

Matrix: Solid

Batch: 29060

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	2500	2500		50	101	5.7	62-126	20	09/11/2013 0305
Trichlorofluoromethane	2500	2200		50	89	15	45-138	20	09/11/2013 0305
Vinyl chloride	2500	2400		50	95	6.6	42-132	20	09/11/2013 0305
Xylenes (total)	5000	5100		50	103	7.7	58-128	20	09/11/2013 0305
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		105	47-138						
1,2-Dichloroethane-d4		100	53-142						
Toluene-d8		107	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29123-001

Matrix: Solid

Batch: 29123

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Tetrachloroethene	ND		50	250	25	ug/kg	09/11/2013 0352
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		98	47-138				
1,2-Dichloroethane-d4		107	53-142				
Toluene-d8		103	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29123-002

Matrix: Solid

Batch: 29123

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Tetrachloroethene	2500	2700		50	107	45-150	09/11/2013 0241
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		104	47-138				
1,2-Dichloroethane-d4		98	53-142				
Toluene-d8		105	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29123-003

Matrix: Solid

Batch: 29123

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Tetrachloroethene	2500	2500		50	99	7.8	45-150	20	09/11/2013 0305
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		105	47-138						
1,2-Dichloroethane-d4		100	53-142						
Toluene-d8		107	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29124-001

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/11/2013 1223
Benzene	ND		1	5.0	1.1	ug/kg	09/11/2013 1223
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Bromoform	ND		1	5.0	0.70	ug/kg	09/11/2013 1223
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/11/2013 1223
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/11/2013 1223
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/11/2013 1223
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/11/2013 1223
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Chloroethane	ND		1	5.0	1.3	ug/kg	09/11/2013 1223
Chloroform	ND		1	5.0	0.83	ug/kg	09/11/2013 1223
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/11/2013 1223
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/11/2013 1223
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/11/2013 1223
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/11/2013 1223
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/11/2013 1223
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/11/2013 1223
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/11/2013 1223
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/11/2013 1223
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/11/2013 1223
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/11/2013 1223
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
2-Hexanone	ND		1	10	1.3	ug/kg	09/11/2013 1223
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/11/2013 1223
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/11/2013 1223
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/11/2013 1223
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/11/2013 1223
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/11/2013 1223
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/11/2013 1223
Styrene	ND		1	5.0	1.1	ug/kg	09/11/2013 1223
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/11/2013 1223
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/11/2013 1223
Toluene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/11/2013 1223
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/11/2013 1223
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/11/2013 1223

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29124-001

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/11/2013 1223
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/11/2013 1223
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/11/2013 1223
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	47-138				
1,2-Dichloroethane-d4		107	53-142				
Toluene-d8		107	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29124-002

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	100	60-140	09/11/2013 1048
Benzene	50	47		1	93	69-123	09/11/2013 1048
Bromodichloromethane	50	45		1	90	69-121	09/11/2013 1048
Bromoform	50	43		1	86	61-119	09/11/2013 1048
Bromomethane (Methyl bromide)	50	44		1	88	10-168	09/11/2013 1048
2-Butanone (MEK)	100	98		1	98	57-148	09/11/2013 1048
Carbon disulfide	50	48		1	97	58-122	09/11/2013 1048
Carbon tetrachloride	50	45		1	89	58-136	09/11/2013 1048
Chlorobenzene	50	44		1	88	59-129	09/11/2013 1048
Chloroethane	50	48		1	95	42-163	09/11/2013 1048
Chloroform	50	45		1	91	71-125	09/11/2013 1048
Chloromethane (Methyl chloride)	50	45		1	91	34-134	09/11/2013 1048
Cyclohexane	50	44		1	87	53-139	09/11/2013 1048
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	55-125	09/11/2013 1048
Dibromochloromethane	50	43		1	86	66-119	09/11/2013 1048
1,2-Dibromoethane (EDB)	50	44		1	88	74-124	09/11/2013 1048
1,4-Dichlorobenzene	50	44		1	89	52-133	09/11/2013 1048
1,3-Dichlorobenzene	50	44		1	88	51-134	09/11/2013 1048
1,2-Dichlorobenzene	50	43		1	85	57-131	09/11/2013 1048
Dichlorodifluoromethane	50	43		1	85	10-157	09/11/2013 1048
1,2-Dichloroethane	50	45		1	89	67-129	09/11/2013 1048
1,1-Dichloroethane	50	45		1	90	71-127	09/11/2013 1048
trans-1,2-Dichloroethene	50	45		1	90	68-131	09/11/2013 1048
cis-1,2-Dichloroethene	50	46		1	92	70-122	09/11/2013 1048
1,1-Dichloroethene	50	44		1	87	69-138	09/11/2013 1048
1,2-Dichloropropane	50	45		1	90	72-124	09/11/2013 1048
trans-1,3-Dichloropropene	50	44		1	88	70-124	09/11/2013 1048
cis-1,3-Dichloropropene	50	45		1	89	70-126	09/11/2013 1048
Ethylbenzene	50	45		1	91	59-128	09/11/2013 1048
2-Hexanone	100	94		1	94	54-137	09/11/2013 1048
Isopropylbenzene	50	50		1	100	50-136	09/11/2013 1048
Methyl acetate	50	45		1	89	59-137	09/11/2013 1048
Methyl tertiary butyl ether (MTBE)	50	46		1	91	70-130	09/11/2013 1048
4-Methyl-2-pentanone	100	99		1	99	60-134	09/11/2013 1048
Methylcyclohexane	50	47		1	94	41-144	09/11/2013 1048
Methylene chloride	50	43		1	86	70-130	09/11/2013 1048
Styrene	50	45		1	90	54-136	09/11/2013 1048
1,1,2,2-Tetrachloroethane	50	46		1	91	69-132	09/11/2013 1048
Tetrachloroethene	50	44		1	89	45-150	09/11/2013 1048
Toluene	50	46		1	92	61-129	09/11/2013 1048
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	87	49-136	09/11/2013 1048
1,2,4-Trichlorobenzene	50	42		1	84	34-145	09/11/2013 1048
1,1,2-Trichloroethane	50	45		1	90	55-128	09/11/2013 1048
1,1,1-Trichloroethane	50	46		1	92	63-128	09/11/2013 1048

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29124-002

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	92	62-126	09/11/2013 1048
Trichlorofluoromethane	50	46		1	92	45-138	09/11/2013 1048
Vinyl chloride	50	52		1	105	42-132	09/11/2013 1048
Xylenes (total)	100	93		1	93	58-128	09/11/2013 1048
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		103	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		112	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29124-003

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	120		1	119	17	60-140	20	09/11/2013 1112
Benzene	50	43		1	86	7.8	69-123	20	09/11/2013 1112
Bromodichloromethane	50	43		1	85	4.8	69-121	20	09/11/2013 1112
Bromoform	50	43		1	85	1.1	61-119	20	09/11/2013 1112
Bromomethane (Methyl bromide)	50	44		1	88	0.098	10-168	20	09/11/2013 1112
2-Butanone (MEK)	100	100		1	105	6.6	57-148	20	09/11/2013 1112
Carbon disulfide	50	47		1	94	2.6	58-122	20	09/11/2013 1112
Carbon tetrachloride	50	43		1	85	4.9	58-136	20	09/11/2013 1112
Chlorobenzene	50	42		1	85	3.8	59-129	20	09/11/2013 1112
Chloroethane	50	47		1	94	1.9	42-163	20	09/11/2013 1112
Chloroform	50	44		1	88	3.7	71-125	20	09/11/2013 1112
Chloromethane (Methyl chloride)	50	43		1	87	4.6	34-134	20	09/11/2013 1112
Cyclohexane	50	42		1	84	4.3	53-139	20	09/11/2013 1112
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	87	2.8	55-125	20	09/11/2013 1112
Dibromochloromethane	50	43		1	85	0.33	66-119	20	09/11/2013 1112
1,2-Dibromoethane (EDB)	50	44		1	87	1.1	74-124	20	09/11/2013 1112
1,4-Dichlorobenzene	50	41		1	83	7.1	52-133	20	09/11/2013 1112
1,3-Dichlorobenzene	50	42		1	84	5.2	51-134	20	09/11/2013 1112
1,2-Dichlorobenzene	50	41		1	82	3.6	57-131	20	09/11/2013 1112
Dichlorodifluoromethane	50	41		1	83	2.9	10-157	20	09/11/2013 1112
1,2-Dichloroethane	50	44		1	87	2.1	67-129	20	09/11/2013 1112
1,1-Dichloroethane	50	44		1	87	2.9	71-127	20	09/11/2013 1112
trans-1,2-Dichloroethene	50	44		1	87	3.5	68-131	20	09/11/2013 1112
cis-1,2-Dichloroethene	50	44		1	89	3.0	70-122	20	09/11/2013 1112
1,1-Dichloroethene	50	42		1	84	3.8	69-138	20	09/11/2013 1112
1,2-Dichloropropane	50	43		1	86	4.2	72-124	20	09/11/2013 1112
trans-1,3-Dichloropropene	50	44		1	89	0.31	70-124	20	09/11/2013 1112
cis-1,3-Dichloropropene	50	44		1	88	1.8	70-126	20	09/11/2013 1112
Ethylbenzene	50	42		1	84	7.7	59-128	20	09/11/2013 1112
2-Hexanone	100	100		1	101	7.2	54-137	20	09/11/2013 1112
Isopropylbenzene	50	45		1	89	11	50-136	20	09/11/2013 1112
Methyl acetate	50	48		1	96	7.4	59-137	20	09/11/2013 1112
Methyl tertiary butyl ether (MTBE)	50	47		1	95	3.9	70-130	20	09/11/2013 1112
4-Methyl-2-pentanone	100	100		1	102	3.2	60-134	20	09/11/2013 1112
Methylcyclohexane	50	44		1	87	7.3	41-144	20	09/11/2013 1112
Methylene chloride	50	42		1	83	3.7	70-130	20	09/11/2013 1112
Styrene	50	42		1	85	5.6	54-136	20	09/11/2013 1112
1,1,2,2-Tetrachloroethane	50	46		1	91	0.026	69-132	20	09/11/2013 1112
Tetrachloroethene	50	42		1	84	5.9	45-150	20	09/11/2013 1112
Toluene	50	43		1	86	7.3	61-129	20	09/11/2013 1112
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	43		1	85	2.3	49-136	20	09/11/2013 1112
1,2,4-Trichlorobenzene	50	41		1	83	1.9	34-145	20	09/11/2013 1112
1,1,2-Trichloroethane	50	44		1	87	3.6	55-128	20	09/11/2013 1112
1,1,1-Trichloroethane	50	44		1	87	4.9	63-128	20	09/11/2013 1112

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29124-003

Matrix: Solid

Batch: 29124

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	43		1	86	6.3	62-126	20	09/11/2013 1112
Trichlorofluoromethane	50	44		1	88	3.6	45-138	20	09/11/2013 1112
Vinyl chloride	50	50		1	99	5.4	42-132	20	09/11/2013 1112
Xylenes (total)	100	88		1	88	6.4	58-128	20	09/11/2013 1112
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		104	47-138						
1,2-Dichloroethane-d4		103	53-142						
Toluene-d8		109	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number 31569

Client TPC		Report to Contact DAN MADISON/TERRY HERTZ		Sampler (Printed Name) Bill Medlin		Quote No.		
Address 30 Patwood Dr		Telephone No. / Fax No. / Email 864 281-0030		Waybill No.		Page 1 of 3		
City Greenville	State SC	Zip Code 29615	Preservative 1. Ujires. 4. HMO3 7. NaOH 2. NaOH/Zn 5. HCL 3. H2SO4 6. Na Tho.		Bottle (See instructions on back) Preservative		Number of Containers	
Project Name WPH-Clinson		P.O. Number		Analysis		Lot No. 0705031		
Project Number 205809.0000.0001	Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Matrix	Analysis	Remarks / Cooler ID		
	SB-164/0-1	9-3-13	1040	G	VOC's	PPM 30.4		
	SB-164/20-21	9-3-13	1050	G	VOC's	PPM 113		
	SB-163/0-1	9-3-13	1125	G	Moisture	PPM 167		
	SB-163/19-20	9-3-13	1130	G	VOC's	PPM 13.2		
	SB-162/20-21	9-3-13	1215	G	VOC's			
	SB-162/21-22	9-3-13	1220	G	VOC's			
	SB-154/14-15	9-3-13	1340	G	VOC's			
	SB-154/21-22	9-3-13	1345	G	VOC's			
TRBLK-13310								

Turn Around Time Required (Prior lab approval required for expedited TAT)		Sample Disposal		Possible Hazard Identification				
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush (Please Specify)	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison	<input type="checkbox"/> Unknown
1. Relinquished by / Sampler Bill Medlin	Date 9-4-13	Time 1450	1. Received by Bill Medlin	Date 9/4/13	Time 1450			
2. Relinquished by	Date	Time	2. Received by	Date	Time			
3. Relinquished by	Date	Time	3. Received by	Date	Time			
4. Relinquished by C. P. ...	Date 9/4/13	Time 1755	4. Laboratory Received by C. P. ...	Date 9/4/13	Time 1755			

LAB USE ONLY
 Received on ice (Check) No Yes Ice Pack Recal Temp. 1.0 °C
 Temp. Blank Y / N

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number **31568**

Client TRC	Report to Contact Dan Madison/Terry Hertz	Sampler (Printed Name) Bill Madole	Quote No.	
Address 30 Patwood Dr	Telephone No. / Fax No. / Email 864 281-0030	Waybill No.	Page 2 of 3	
City Greenville	State SC	Zip Code 29615	Number of Containers	
Project Name WPH - Clemson	Preservative		Bottles (See instructions on back)	
Project Number 205809.0000.0001	P.O. Number		Lot No.	0105031
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Remarks / Cooler ID	
SB-176/ 4-5	9-3-13	1235	PPM 0.8	
SB-176/ 20-21	9-3-13	1240	PPM 1.5	
SB-155/ 0-1	9-3-13	1635	PPM 0.5	
SB-155/ 19-20	9-3-13	1640	PPM 9.5	
SB-156/ 6-7	9-4-13	0800	PPM 6.2	
SB-156/ 18-19	9-4-13	0805		
SB-157/ 19-20	9-4-13	0855		
SB-157/ 20-21	9-4-13	0900		
SB-149/ 14-15	9-4-13	0945		
SB-149/ 17-18	9-4-13	0950		

Turn Around Time Required (Prior lab approval required for expedited "AT") Standard <input type="checkbox"/> Rush (Please Specify) <input type="checkbox"/>	Possible Hazard Identification Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown <input type="checkbox"/>
Relinquished by: Bill Madole Relinquished by: _____ Relinquished by: _____ Relinquished by: Feen	QC Requirements (Specify) 1. Received by: 9/4/13 Time: 1436 2. Received by: _____ Time: _____ 3. Received by: _____ Time: _____ 4. Laboratory Received by: Chilton Date: 9/4/13 Time: 1755

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record



Number 31580

Client TRC		Report to Contact Daw Madison/Terry Hertz		Sampler (Printed Name) B. J. Medlin		Quote No.
Address 30 Patowood Dr		Telephone No. / Fax No. / Email 864 281-0030		Waybill No.		Page 3 of 3
City Greenville	State SC	Zip Code 29615	Preservative 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Tho.		Number of Containers Bottle (See Instructions on back)	
Project Name WPH - Clemson		P.O. Number 205809-0000-0001		Lot No. 0105031		Preservative
Sample ID / Description (Containers for each sample may be combined on one line)		Date		Time		
SB-148/3-4		9-4-13		1030		Remarks / Cooler ID PPM - 23.4
SB-149/16-17		9-4-13		1035		
SB-147/9-10		9-4-13		1215		
SB-147/20-21		9-4-13		1220		
SB-146/15-16		9-4-13		1400		
SB-146/19-20		9-4-13		1405		PPM - 8.0

Turn Around Time Required (Prior lab approval required for expedited TAT)	Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab
1. Relinquished by Sampler <i>[Signature]</i>	Date 9-4-13	Time 1416
2. Relinquished by	Date	Time
3. Relinquished by	Date	Time
4. Relinquished by <i>[Signature]</i>	Date 9/4/13	Time 1758

Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown	
QC Requirements (Specify)	Date/Time
1. Received by <i>[Signature]</i>	9/4/13 1456
2. Received by	Date/Time
3. Received by	Date/Time
4. Laboratory Received by <i>[Signature]</i>	Date/Time 9/4/13 1755
LAB USE ONLY Received on us (Check) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Ice Pack <input type="checkbox"/> Receipt Temp. 1.0 °C	Temp. Blank <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: CMT / 9/5/13 Lot #: 0105031

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt <u>NA</u> °C / <u>NA</u> °C / <u>NA</u> °C / <u>NA</u> °C			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ . (For coolers received via commercial courier, PMs are to be notified immediately.
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	16. Were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/phenol			
Sample labels verified by: <u>KWP</u> Date: <u>9/5/13</u>			

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee: _____

Date of response: _____

Comments:

Data Quality Review Notes

WestpointHome – Clemson, SC

Project #: 205809.0000.0001

Shealy Environmental Services Laboratory Data Package: OI06066

VOCs - TCLP

Surrogates – Recoveries OK.

Method Blank –No target analytes detected in method blank.

LCS – LCS recoveries are OK.

MS – MS analyses performed on DRUMSOIL sample. MS recoveries OK.

SVOCs - TCLP

Surrogates – Recoveries OK.

Method Blank –No target analytes detected in method blank.

LCS – LCS recoveries are OK.

MS – MS analyses performed on DRUMSOIL sample. MS recoveries OK.

HERBICIDES - TCLP

Surrogates – Recoveries OK.

Method Blank –No target analytes detected in method blank.

LCS – LCS recoveries are OK.

MS – MS analyses performed on DRUMSOIL sample. MS recoveries OK.

PESTICIDES - TCLP

Surrogates – Recoveries OK.

Method Blank –No target analytes detected in method blank.

LCS – LCS recoveries are OK.

MS – MS analyses performed on DRUMSOIL sample. MS recoveries OK.

A “P” flag was assigned by the laboratory to Chlordane in the DRUMSOIL sample indicating that the RPD between the two GC columns exceeded QC limits. The dual column RPD for chlordane and chlordane retention times on the two GC columns were requested from the lab. The chlordane RPD was 56%. A comparison of the chlordane retention times in the DRUMSOIL sample vs calibration standards did not indicate an incorrect identification of the analyte. The reported concentration has a laboratory “J” flag. The elevated RPD may be the result of a small absolute difference in concentration between the two GC columns which have a higher percentage difference. No data review flag was assigned.

Data Quality Review Notes
WestpointHome – Clemson, SC
Project #: 205809.0000.0001
Shealy Environmental Services Laboratory Data Package: OI06066

Chain-of-Custody signed
Sample temperature upon arrival at lab – OK
Analytical Hold Times - OK

VOCs

Surrogates – Recoveries OK.

Method Blank – Six analytical method blanks were analyzed. No target analytes detected in method blanks.

Trip Blank – TBLK-13311. No target analytes were detected in this trip blank.

LCS/LCSD – Five LCS/LCSD pairs plus an additional LCS were analyzed. LCS and LCSD recoveries are OK. LCS/LCSD RPDs are OK.

MS/MSD – MS/MSD analyses were not performed.

Field Duplicates – No field duplicates were collected.

The Case Narrative notes that samples SB-204/5-6 and S B-205/7-8 have internal standard areas outside of QC limits. Internal standard (IS) areas were requested from the lab to evaluate for false negatives.

- For SB-204/5-6, three ISs had acceptable areas and one IS was nominally low (47% vs lower QC limit of 50%). No target analytes were detected in SB-204/5-6. No flags were assigned.
- For SB-205/7-8, two ISs had acceptable areas and two ISs were nominally low (32% and 12% vs lower QC limit of 50%).
- **An “r” flag designating that the data is unusable is assigned to the following analytes in SB-205/7-8: Tetrachloroethene, dibromochloromethane, chlorobenzene, ethylbenzene, xylenes (total), styrene, bromoform, isopropylbenzene, 2-hexanone, 1,1,2,2-tetrachloroethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,2-dibromoethane, trans-1,3-dichloropropene, 1,1,2-trichloroethane, 1,4-dichlorobenzene, 1,2-dibromo-3-chloropropane, and 1,2,4-trichlorobenzene.**

Data Quality Review Notes

WestpointHome – Clemson, SC

Project #: 205809.0000.0001

Shealy Environmental Services Laboratory Data Package: OI06066

METALS – TCLP

Method Blank – Arsenic was detected in the method blank at 0.051 J mg/L. Arsenic was detected in the DRUMSOIL sample at 0.036 BJ mg/L.

A “u” flag is assigned to arsenic in the DRUMSOIL sample because the reported concentration was less than the concentration in the method blank.

LCS/LCSD – An LCS/LCSD pair was analyzed. LCS and LCSD recoveries are OK. LCS/LCSD RPDs are OK.

MS – An MS analyses was performed for mercury using the DRUMSOIL sample. MS recovery OK.

Miscellaneous parameters

pH – Lab duplicate – RPD OK

Validated by Terry Hertz 9/20/2013

Report of Analysis

TRC Companies, Inc.
Patewood Plaza One, Suite 100
30 Patewood Drive
Greenville, SC 29615-3535
Attention: Dan Madison

Project Name: WPH-Clemson

Project Number: 205809.0000.0001

Lot Number: OI06066

Date Completed: 09/17/2013



Lucas Odom
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

* OI 06066 *

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative TRC Companies, Inc. Lot Number: OI06066

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

GC/MS VOC

Samples -038 and -041 failed internal standards due to matrix interferences. An additional analysis was performed on each sample yielding similar internal standard recoveries further indicating matrix interferences are causing the failures. The best runs have been reported.

TCLP Pesticides

Sample -042 was qualified with a "P" for Chlordane as the relative percent difference (RPD) between the two GC columns exceeded method criteria. Per the method the higher of the two values has been reported. The reported value is potentially high biased or could be a false positive.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary TRC Companies, Inc. Lot Number: OI06066

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	SB-137/1-2	Solid	09/05/2013 0830	09/06/2013
002	SB-137/19-20	Solid	09/05/2013 0835	09/06/2013
003	SB-138/5-6	Solid	09/05/2013 0920	09/06/2013
004	SB-138/22-23	Solid	09/05/2013 0925	09/06/2013
005	SB-139/0-1	Solid	09/05/2013 1005	09/06/2013
006	SB-139/19-20	Solid	09/05/2013 1010	09/06/2013
007	SB-140/14-15	Solid	09/05/2013 1045	09/06/2013
008	SB-140/19-20	Solid	09/05/2013 1050	09/06/2013
009	SB-141/15-16	Solid	09/05/2013 1135	09/06/2013
010	SB-141/17-18	Solid	09/05/2013 1140	09/06/2013
011	SB-211/8-9	Solid	09/05/2013 1310	09/06/2013
012	SB-211/13-14	Solid	09/05/2013 1315	09/06/2013
013	SB-212/14-15	Solid	09/05/2013 1345	09/06/2013
014	SB-212/16-17	Solid	09/05/2013 1350	09/06/2013
015	SB-213/9-10	Solid	09/05/2013 1425	09/06/2013
016	SB-213/19-20	Solid	09/05/2013 1430	09/06/2013
017	SB-214/9-10	Solid	09/05/2013 1500	09/06/2013
018	SB-214/19-20	Solid	09/05/2013 1505	09/06/2013
019	SB-215/3-4	Solid	09/05/2013 1600	09/06/2013
020	SB-215/19-20	Solid	09/05/2013 1605	09/06/2013
021	SB-210/7-8	Solid	09/05/2013 1645	09/06/2013
022	SB-210/10-11	Solid	09/05/2013 1650	09/06/2013
023	SB-209/8-9	Solid	09/06/2013 0745	09/06/2013
024	SB-209/13-14	Solid	09/06/2013 0750	09/06/2013
025	SB-208/14-15	Solid	09/06/2013 0805	09/06/2013
026	SB-208/19-20	Solid	09/06/2013 0810	09/06/2013
027	SB-207/12-13	Solid	09/06/2013 0825	09/06/2013
028	SB-207/13-14	Solid	09/06/2013 0830	09/06/2013
029	TBLK-13311	Aqueous	09/06/2013	09/06/2013
030	SB-206/0-1	Solid	09/06/2013 0840	09/06/2013
031	SB-206/13-14	Solid	09/06/2013 0845	09/06/2013
032	SB-201/8-9	Solid	09/06/2013 0935	09/06/2013
033	SB-201/10-11	Solid	09/06/2013 0940	09/06/2013
034	SB-202/14-15	Solid	09/06/2013 1000	09/06/2013
035	SB-202/16-17	Solid	09/06/2013 1005	09/06/2013
036	SB-203/18-19	Solid	09/06/2013 1035	09/06/2013
037	SB-203/19-20	Solid	09/06/2013 1040	09/06/2013
038	SB-204/5-6	Solid	09/06/2013 1050	09/06/2013
039	SB-204/10-11	Solid	09/06/2013 1055	09/06/2013
040	SB-205/0-1	Solid	09/06/2013 1110	09/06/2013
041	SB-205/7-8	Solid	09/06/2013 1115	09/06/2013
042	DRUMSOIL	Solid	09/06/2013 1145	09/06/2013

(42 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary TRC Companies, Inc. Lot Number: OI06066

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
002	SB-137/19-20	Solid	Chloroform	8260B	5.2	J	ug/kg	7
002	SB-137/19-20	Solid	Tetrachloroethene	8260B	4.4	J	ug/kg	7
003	SB-138/5-6	Solid	Tetrachloroethene	8260B	1.4	J	ug/kg	9
004	SB-138/22-23	Solid	Chloroform	8260B	1.3	J	ug/kg	11
004	SB-138/22-23	Solid	Tetrachloroethene	8260B	5.8	J	ug/kg	11
004	SB-138/22-23	Solid	Trichlorofluoromethane	8260B	3.2	J	ug/kg	12
005	SB-139/0-1	Solid	Acetone	8260B	21	J	ug/kg	13
007	SB-140/14-15	Solid	Tetrachloroethene	8260B	12		ug/kg	17
008	SB-140/19-20	Solid	Tetrachloroethene	8260B	39		ug/kg	19
009	SB-141/15-16	Solid	Acetone	8260B	12	J	ug/kg	21
009	SB-141/15-16	Solid	Carbon disulfide	8260B	1.7	J	ug/kg	21
009	SB-141/15-16	Solid	Tetrachloroethene	8260B	95		ug/kg	21
010	SB-141/17-18	Solid	Tetrachloroethene	8260B	66		ug/kg	23
013	SB-212/14-15	Solid	Acetone	8260B	11	J	ug/kg	29
014	SB-212/16-17	Solid	cis-1,2-Dichloroethene	8260B	2.2	J	ug/kg	31
014	SB-212/16-17	Solid	Tetrachloroethene	8260B	6.3		ug/kg	31
030	SB-206/0-1	Solid	Acetone	8260B	25		ug/kg	63
034	SB-202/14-15	Solid	Acetone	8260B	19	J	ug/kg	71
037	SB-203/19-20	Solid	Tetrachloroethene	8260B	1.3	J	ug/kg	77
039	SB-204/10-11	Solid	Acetone	8260B	24		ug/kg	81
040	SB-205/0-1	Solid	Acetone	8260B	99		ug/kg	83
040	SB-205/0-1	Solid	2-Hexanone	8260B	1.7	J	ug/kg	83
041	SB-205/7-8	Solid	Acetone	8260B	110		ug/kg	85
041	SB-205/7-8	Solid	Methylcyclohexane	8260B	3.4	J	ug/kg	85
042	DRUMSOIL	Solid	Ignitability (Pensky-Martens Closed-	1010A	>140		° F	87
042	DRUMSOIL	Solid	Chlordane	8081B	0.0018	JP	mg/L	88
042	DRUMSOIL	Solid	Arsenic	6010C	0.036	BJ	mg/L	89
042	DRUMSOIL	Solid	Barium	6010C	0.36		mg/L	89

(28 detections)

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0416	JJG		29063	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.1	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.1	0.84	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.1	0.68	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.86	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.74	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.77	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.92	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.83	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.1	0.99	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.1	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.1	0.51	ug/kg	1
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0416	JJG		29063	6.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.64	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.86	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.80	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.1	0.87	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.1	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	53-142
Bromofluorobenzene		100	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0439	JJG		29063	5.45
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		27	9.0	ug/kg	1
Benzene	71-43-2	8260B	ND		6.7	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.7	2.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.7	0.94	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.7	2.4	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		13	3.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.7	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.7	2.4	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.7	2.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.7	1.8	ug/kg	1
Chloroform	67-66-3	8260B	5.2	J	6.7	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.7	1.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.7	0.91	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.7	2.0	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.7	2.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.7	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.7	2.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.7	2.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.7	2.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.7	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.7	0.98	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.7	1.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.7	2.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.7	1.0	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.7	2.0	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.7	1.2	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.7	0.92	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.7	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.7	2.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		13	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.7	0.31	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.7	1.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.7	0.54	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		13	2.0	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.7	0.55	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.7	3.5	ug/kg	1
Styrene	100-42-5	8260B	ND		6.7	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.7	0.63	ug/kg	1
Tetrachloroethene	127-18-4	8260B	4.4	J	6.7	0.67	ug/kg	1
Toluene	108-88-3	8260B	ND		6.7	2.3	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0439	JJG		29063	5.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.7	0.85	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.7	2.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.7	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.7	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.7	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.7	2.0	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.7	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.7	3.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		98	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0503	JJG		29063	6.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.4	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.5	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.8	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.79	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.95	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.64	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.81	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.95	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.87	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.65	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.78	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.93	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.4	J	4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0503	JJG		29063	6.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.60	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.81	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.75	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.82	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	53-142
Bromofluorobenzene		100	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0526	JJG		29063	5.84
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		25	8.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.2	1.4	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.2	2.1	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.2	0.87	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.2	2.2	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	3.0	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.2	1.6	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.2	2.2	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.2	2.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.2	1.6	ug/kg	1
Chloroform	67-66-3	8260B	1.3	J	6.2	1.0	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.2	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.2	0.84	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.2	1.9	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.2	2.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.2	1.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.2	2.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.2	2.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.2	2.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.2	2.0	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.2	0.91	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.2	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.2	2.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.2	0.94	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.2	1.9	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.2	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.2	0.84	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.2	1.0	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.2	2.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.6	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.2	0.29	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.2	1.2	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.2	0.50	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.9	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.2	0.51	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.2	3.2	ug/kg	1
Styrene	100-42-5	8260B	ND		6.2	1.4	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.2	0.58	ug/kg	1
Tetrachloroethene	127-18-4	8260B	5.8	J	6.2	0.62	ug/kg	1
Toluene	108-88-3	8260B	ND		6.2	2.1	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0526	JJG		29063	5.84

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.2	0.78	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.2	2.1	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.2	1.1	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.2	0.98	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.2	2.4	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	3.2	J	6.2	1.9	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.2	1.1	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.2	3.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		101	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/11/2013 1457	AAC		29125	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	21	J	22	7.5	ug/kg	2
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.6	0.78	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.6	0.75	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.95	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.81	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.85	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.91	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	2
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.52	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.6	0.56	ug/kg	2
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/11/2013 1457	AAC		29125	4.85

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.70	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.95	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.88	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.6	0.96	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.2	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	53-142
Bromofluorobenzene		85	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0613	JJG		29063	6.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.8	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.71	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.84	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.68	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.86	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.74	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.77	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.92	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.69	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.83	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.99	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0613	JJG		29063	6.13

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.64	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.86	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.80	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.87	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0636	JJG		29063	5.87
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.87	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	12		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0636	JJG		29063	5.87

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		99	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0723	JJG		29063	5.16
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		28	9.3	ug/kg	1
Benzene	71-43-2	8260B	ND		6.9	1.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		6.9	2.4	ug/kg	1
Bromoform	75-25-2	8260B	ND		6.9	0.97	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		6.9	2.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		14	3.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		6.9	1.8	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		6.9	2.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		6.9	2.4	ug/kg	1
Chloroethane	75-00-3	8260B	ND		6.9	1.8	ug/kg	1
Chloroform	67-66-3	8260B	ND		6.9	1.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		6.9	1.4	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		6.9	0.93	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		6.9	2.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		6.9	2.4	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		6.9	1.2	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		6.9	2.4	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		6.9	2.4	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		6.9	2.4	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		6.9	2.2	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		6.9	1.0	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		6.9	1.4	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		6.9	2.4	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		6.9	1.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		6.9	2.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		6.9	1.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		6.9	0.94	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		6.9	1.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		6.9	2.4	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		14	1.8	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		6.9	0.32	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		6.9	1.4	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		6.9	0.55	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		14	2.1	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		6.9	0.57	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		6.9	3.6	ug/kg	1
Styrene	100-42-5	8260B	ND		6.9	1.5	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		6.9	0.65	ug/kg	1
Tetrachloroethene	127-18-4	8260B	39		6.9	0.69	ug/kg	1
Toluene	108-88-3	8260B	ND		6.9	2.4	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0723	JJG		29063	5.16

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		6.9	0.87	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		6.9	2.4	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		6.9	1.2	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		6.9	1.1	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		6.9	2.6	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		6.9	2.1	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		6.9	1.2	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		6.9	4.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0746	JJG		29063	6.41
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	12	J	19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	1.7	J	4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.69	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.72	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.86	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.38	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.39	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	95		4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 0746	JJG		29063	6.41

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.81	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		108	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		102	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1632	AAC		29125	5.93
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.8	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.8	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.8	0.81	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.8	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		12	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.8	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.8	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.8	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.8	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.8	0.96	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.8	1.2	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.8	0.78	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.8	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.8	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.8	0.98	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.8	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.8	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.8	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.8	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.8	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.8	1.2	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.8	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.8	0.88	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.8	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.8	1.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.8	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.8	0.95	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.8	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		12	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.8	0.27	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.8	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.8	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		12	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.8	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.8	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.8	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.8	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	66		5.8	0.58	ug/kg	1
Toluene	108-88-3	8260B	ND		5.8	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1632	AAC		29125	5.93

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.8	0.73	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.8	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.8	0.98	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.8	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.8	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.8	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.8	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.8	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		101	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1656	AAC		29125	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.83	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.85	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.73	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.76	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.91	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.82	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.98	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1656	AAC		29125	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.85	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.79	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.86	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1719	AAC		29125	6.14
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.88	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.90	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.87	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1719	AAC		29125	6.14

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.90	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1743	AAC		29125	6.06
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	11	J	21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1743	AAC		29125	6.06

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1807	AAC		29125	6.04
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.88	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.90	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	2.2	J	5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.87	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	6.3		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1807	AAC		29125	6.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.90	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	53-142
Bromofluorobenzene		94	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1830	AAC		29125	6.04
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.70	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.9	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.99	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.99	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.90	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.81	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.97	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1830	AAC		29125	6.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	53-142
Bromofluorobenzene		99	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1854	AAC		29125	6.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.66	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.71	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.85	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1854	AAC		29125	6.40

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.81	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1918	AAC		29125	6.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		18	6.1	ug/kg	1
Benzene	71-43-2	8260B	ND		4.6	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.6	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.6	0.64	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	1.6	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.1	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.6	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.6	1.6	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.6	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.6	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.6	0.76	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	0.91	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.6	0.61	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.6	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	0.78	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	0.67	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	0.91	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	0.69	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	0.83	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	0.62	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	0.75	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.6	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.1	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.6	0.21	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.6	0.89	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	0.36	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.1	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.6	0.37	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.6	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.6	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	0.43	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.6	0.46	ug/kg	1
Toluene	108-88-3	8260B	ND		4.6	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1918	AAC		29125	6.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	0.57	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	0.78	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	0.72	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.6	1.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.6	0.78	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.6	2.6	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1941	AAC		29125	6.12
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 1941	AAC		29125	6.12

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		91	47-138
Toluene-d8		104	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 2005	AAC		29125	6.01
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.1	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.74	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.77	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.96	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.72	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 2005	AAC		29125	6.01

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.91	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 2029	AAC		29125	5.96
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	1
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.83	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	1
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/11/2013 2029	AAC		29125	5.96

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.5	0.94	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		118	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		110	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1600	AAC		29414	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.5	ug/kg	2
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	2
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		9.8	2.3	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	2
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	2
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.98	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.98	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.66	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		9.8	1.3	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.8	1.5	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	2
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	2
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1600	AAC		29414	6.37

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.62	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		100	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0339	JJG		29147	6.46

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0339	JJG		29147	6.46

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0402	JJG		29147	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.79	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0402	JJG		29147	5.88

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.82	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		109	53-142
Bromofluorobenzene		80	47-138
Toluene-d8		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0426	JJG		29147	6.36
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.6	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.9	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.99	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.99	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.90	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.67	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.81	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.97	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0426	JJG		29147	6.36

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.62	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	53-142
Bromofluorobenzene		94	47-138
Toluene-d8		110	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0450	JJG		29147	6.41
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.9	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.9	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.9	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.9	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.7	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.9	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.9	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.9	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.9	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.9	0.81	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.9	0.97	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.9	0.66	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.9	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.9	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.9	0.83	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.9	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.9	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.9	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.9	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.9	0.71	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.9	0.97	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.9	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.9	0.74	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.9	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.9	0.89	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.9	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.9	0.80	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.9	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.7	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.9	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.9	0.96	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.9	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.7	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.9	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.9	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.9	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.9	0.46	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.9	0.49	ug/kg	1
Toluene	108-88-3	8260B	ND		4.9	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0450	JJG		29147	6.41

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.9	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.9	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.9	0.83	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.9	0.77	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.9	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.9	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.9	0.84	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.9	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		110	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0513	JJG		29147	6.35
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.5	ug/kg	1
Benzene	71-43-2	8260B	ND		5.6	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.6	1.9	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.6	0.78	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.6	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.7	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.6	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.6	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.6	1.9	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.6	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.6	0.93	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.6	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.6	0.76	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.6	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.6	1.9	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.6	0.95	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.6	1.9	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.6	1.9	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.6	1.9	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.6	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.6	0.82	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.6	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.6	1.9	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.6	0.85	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.6	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.6	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.6	0.76	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.6	0.92	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.6	1.9	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.6	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.6	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.6	0.45	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.6	0.46	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.6	2.9	ug/kg	1
Styrene	100-42-5	8260B	ND		5.6	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.6	0.53	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.6	0.56	ug/kg	1
Toluene	108-88-3	8260B	ND		5.6	1.9	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0513	JJG		29147	6.35

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.6	0.71	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.6	1.9	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.6	0.95	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.6	0.88	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.6	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.6	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.6	0.96	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.6	3.2	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		113	53-142
Bromofluorobenzene		93	47-138
Toluene-d8		111	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0537	JJG		29147	5.67
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		23	7.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.7	1.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.7	2.0	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.7	0.80	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.7	2.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.8	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.7	1.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.7	2.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.7	2.0	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.7	1.5	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.7	0.95	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.7	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.7	0.77	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.7	1.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.7	2.0	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.7	0.98	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.7	2.0	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.7	2.0	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.7	2.0	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.7	1.8	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.7	0.84	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.7	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.7	2.0	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.7	0.87	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.7	1.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.7	1.0	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.7	0.78	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.7	0.94	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.7	2.0	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.7	0.26	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.7	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.7	0.46	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.7	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.7	0.47	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.7	3.0	ug/kg	1
Styrene	100-42-5	8260B	ND		5.7	1.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.7	0.54	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.7	0.57	ug/kg	1
Toluene	108-88-3	8260B	ND		5.7	2.0	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0537	JJG		29147	5.67

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.7	0.72	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.7	2.0	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.7	0.98	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.7	0.91	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.7	2.2	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.7	1.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.7	0.99	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.7	3.3	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		102	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0601	JJG		29147	6.04
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.3	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	2.0	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	2.0	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.99	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.74	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0601	JJG		29147	6.04

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.86	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		118	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		109	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch			
1	5030B	8260B	1	09/07/2013 1557	RGB		28899			
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run		
Acetone	67-64-1	8260B	ND		20	6.7	ug/L	1		
Benzene	71-43-2	8260B	ND		5.0	0.20	ug/L	1		
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/L	1		
Bromoform	75-25-2	8260B	ND		5.0	0.40	ug/L	1		
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	0.80	ug/L	1		
2-Butanone (MEK)	78-93-3	8260B	ND		10	1.8	ug/L	1		
Carbon disulfide	75-15-0	8260B	ND		5.0	0.30	ug/L	1		
Carbon tetrachloride	56-23-5	8260B	ND		5.0	0.40	ug/L	1		
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/L	1		
Chloroethane	75-00-3	8260B	ND		5.0	0.50	ug/L	1		
Chloroform	67-66-3	8260B	ND		5.0	1.7	ug/L	1		
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.30	ug/L	1		
Cyclohexane	110-82-7	8260B	ND		5.0	0.98	ug/L	1		
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	0.60	ug/L	1		
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/L	1		
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/L	1		
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/L	1		
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/L	1		
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	0.20	ug/L	1		
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.30	ug/L	1		
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.30	ug/L	1		
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	0.50	ug/L	1		
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.20	ug/L	1		
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	0.40	ug/L	1		
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.30	ug/L	1		
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.30	ug/L	1		
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.30	ug/L	1		
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/L	1		
2-Hexanone	591-78-6	8260B	ND		10	1.0	ug/L	1		
Isopropylbenzene	98-82-8	8260B	ND		5.0	1.0	ug/L	1		
Methyl acetate	79-20-9	8260B	ND		5.0	0.72	ug/L	1		
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/L	1		
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.80	ug/L	1		
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.95	ug/L	1		
Methylene chloride	75-09-2	8260B	ND		5.0	1.7	ug/L	1		
Styrene	100-42-5	8260B	ND		5.0	0.10	ug/L	1		
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.40	ug/L	1		
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.40	ug/L	1		
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/L	1		

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch				
1	5030B	8260B	1	09/07/2013 1557	RGB		28899				
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run			
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.30	ug/L	1			
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/L	1			
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.20	ug/L	1			
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.30	ug/L	1			
Trichloroethene	79-01-6	8260B	ND		5.0	0.30	ug/L	1			
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	0.30	ug/L	1			
Vinyl chloride	75-01-4	8260B	ND		2.0	0.10	ug/L	1			
Xylenes (total)	1330-20-7	8260B	ND		5.0	1.7	ug/L	1			
Surrogate	Q	Run 1 % Recovery	Acceptance Limits								
1,2-Dichloroethane-d4		89	70-130								
Bromofluorobenzene		87	70-130								
Toluene-d8		91	70-130								

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0624	JJG		29147	6.60
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	25		19	6.3	ug/kg	1
Benzene	71-43-2	8260B	ND		4.7	1.0	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	0.65	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.4	2.2	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	1.2	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	1.2	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	0.78	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	0.94	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	0.63	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	0.80	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	0.68	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	0.94	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	0.71	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	0.85	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	0.64	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	0.77	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.4	1.2	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	0.92	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	0.37	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.4	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	0.38	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	2.4	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	1.0	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	0.44	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	0.47	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0624	JJG		29147	6.60

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	0.59	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	0.80	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	0.74	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.7	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.7	0.80	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.7	2.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0648	JJG		29147	6.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.76	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.90	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.89	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0648	JJG		29147	6.51

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.1	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		114	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		108	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0711	JJG		29147	6.17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		20	6.7	ug/kg	1
Benzene	71-43-2	8260B	ND		5.0	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.0	1.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.0	0.69	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.0	1.8	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.9	2.4	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.0	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.0	1.8	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.0	1.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.0	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.0	0.82	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.0	0.99	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.0	0.67	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.0	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.0	1.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.0	0.84	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.0	1.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.0	1.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.0	1.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.0	1.6	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.0	0.72	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.0	0.99	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.0	1.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.0	0.75	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.0	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.0	0.90	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.0	0.68	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.0	0.81	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.0	1.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.9	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.0	0.23	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.0	0.97	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.0	0.40	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.9	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	0.41	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.0	2.6	ug/kg	1
Styrene	100-42-5	8260B	ND		5.0	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.0	0.47	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.0	0.50	ug/kg	1
Toluene	108-88-3	8260B	ND		5.0	1.7	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0711	JJG		29147	6.17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.0	0.63	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.0	1.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.0	0.84	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.0	0.78	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.0	1.9	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.0	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.0	0.85	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.0	2.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	53-142
Bromofluorobenzene		94	47-138
Toluene-d8		103	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0735	JJG		29147	5.83

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.4	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.4	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.4	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.4	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.4	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.4	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.4	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.4	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.4	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.4	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.4	0.73	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.4	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.4	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.4	0.92	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.4	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.4	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.4	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.4	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.4	0.79	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.4	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.4	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.4	0.82	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.4	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.4	0.98	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.4	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.4	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.4	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.4	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.4	1.1	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.4	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.4	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.4	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.4	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.4	0.51	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.4	0.54	ug/kg	1
Toluene	108-88-3	8260B	ND		5.4	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 0735	JJG		29147	5.83

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.4	0.68	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.4	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.4	0.92	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.4	0.85	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.4	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.4	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.4	0.93	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.4	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1342	AAC		29204	6.08
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	19	J	21	7.0	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.73	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.87	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.71	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.89	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.76	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.80	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.95	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.71	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.86	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.42	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.43	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.49	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1342	AAC		29204	6.08

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.66	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.89	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.83	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.90	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		107	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1405	AAC		29204	6.54

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		19	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.67	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.6	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.8	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.80	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.96	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.65	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.82	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.96	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.73	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.88	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.79	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.6	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.94	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.6	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1405	AAC		29204	6.54

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.82	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.76	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.83	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142
Bromofluorobenzene		95	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1429	AAC		29204	6.17
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	6.9	ug/kg	1
Benzene	71-43-2	8260B	ND		5.2	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.2	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.2	0.72	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.2	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.2	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.2	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.2	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.2	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.2	0.86	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.2	1.0	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.2	0.70	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.2	1.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.2	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.2	0.88	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.2	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.2	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.2	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.2	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.2	0.75	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.2	1.0	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.2	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.2	0.78	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.2	1.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.2	0.94	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.2	0.70	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.2	0.85	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.2	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		10	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.2	0.24	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.2	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.2	0.41	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.2	0.42	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.2	2.7	ug/kg	1
Styrene	100-42-5	8260B	ND		5.2	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.2	0.48	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.2	0.52	ug/kg	1
Toluene	108-88-3	8260B	ND		5.2	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1429	AAC		29204	6.17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.2	0.65	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.2	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.2	0.88	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.2	0.81	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.2	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.2	1.5	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.2	0.89	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.2	3.0	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		115	53-142
Bromofluorobenzene		97	47-138
Toluene-d8		108	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1520	AAC		29204	5.99
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		21	7.2	ug/kg	1
Benzene	71-43-2	8260B	ND		5.3	1.2	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	1.8	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	0.75	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	1.9	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	1.4	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	1.9	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	1.8	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	1.4	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	0.89	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	1.1	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	0.72	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	1.6	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	1.8	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	0.91	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	1.8	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	1.8	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	1.8	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	1.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	0.78	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	1.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	1.8	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	0.81	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	1.6	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	0.97	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	0.73	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	0.88	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	1.8	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		5.3	0.25	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		5.3	1.0	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	0.43	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	0.44	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	2.8	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	1.2	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	0.50	ug/kg	1
Tetrachloroethene	127-18-4	8260B	1.3	J	5.3	0.53	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	1.8	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1520	AAC		29204	5.99

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	0.67	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	1.8	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	0.91	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	0.84	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		5.3	2.0	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	1.6	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	0.92	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		5.3	3.1	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		111	53-142
Bromofluorobenzene		96	47-138
Toluene-d8		105	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1624	AAC		29414	5.64
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	ND		22	7.4	ug/kg	2
Benzene	71-43-2	8260B	ND		5.5	1.2	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.5	1.9	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.5	0.77	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.5	2.0	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		11	2.6	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.5	1.4	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.5	2.0	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.5	1.9	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.5	1.4	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.5	0.91	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.5	1.1	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.5	0.74	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.5	1.6	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.5	1.9	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.5	0.93	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.5	1.9	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.5	1.9	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.5	1.9	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.5	1.8	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.5	0.80	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.5	1.1	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.5	1.9	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.5	0.84	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.5	1.6	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.5	1.0	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.5	0.75	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.5	0.90	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.5	1.9	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		11	1.4	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.5	0.25	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.5	1.1	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.5	0.44	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	1.6	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.5	0.45	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.5	2.9	ug/kg	2
Styrene	100-42-5	8260B	ND		5.5	1.2	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.5	0.52	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.5	0.55	ug/kg	2
Toluene	108-88-3	8260B	ND		5.5	1.9	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1624	AAC		29414	5.64

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.5	0.69	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.5	1.9	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.5	0.93	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.5	0.87	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.5	2.1	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.5	1.6	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.5	0.95	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.5	3.2	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		119	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		114	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1608	AAC		29204	6.62
Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	24		19	6.5	ug/kg	1
Benzene	71-43-2	8260B	ND		4.8	1.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.8	1.6	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.8	0.68	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.8	1.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		9.7	2.3	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.8	1.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.8	1.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.8	1.6	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.8	1.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.8	0.80	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.8	0.97	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.8	0.65	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.8	1.4	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.8	1.6	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.8	0.82	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.8	1.6	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.8	1.6	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.8	1.6	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.8	1.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.8	0.70	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.8	0.97	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.8	1.6	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.8	0.73	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.8	1.4	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.8	0.88	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.8	0.66	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.8	0.79	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.8	1.6	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.7	1.3	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.8	0.22	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.8	0.95	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.8	0.39	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.7	1.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.8	0.40	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.8	2.5	ug/kg	1
Styrene	100-42-5	8260B	ND		4.8	1.1	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.8	0.45	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.8	0.48	ug/kg	1
Toluene	108-88-3	8260B	ND		4.8	1.6	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	09/12/2013 1608	AAC		29204	6.62

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.8	0.61	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.8	1.6	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.8	0.82	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.8	0.76	ug/kg	1
Trichloroethene	79-01-6	8260B	ND		4.8	1.8	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		4.8	1.4	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		4.8	0.83	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		4.8	2.8	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		112	53-142
Bromofluorobenzene		88	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1711	AAC		29414	5.94

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	99		20	6.9	ug/kg	2
Benzene	71-43-2	8260B	ND		5.1	1.1	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		5.1	1.7	ug/kg	2
Bromoform	75-25-2	8260B	ND		5.1	0.72	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.1	1.8	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.5	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		5.1	1.3	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		5.1	1.8	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		5.1	1.7	ug/kg	2
Chloroethane	75-00-3	8260B	ND		5.1	1.3	ug/kg	2
Chloroform	67-66-3	8260B	ND		5.1	0.85	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.1	1.0	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		5.1	0.69	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.1	1.5	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		5.1	1.7	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.1	0.87	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.1	1.7	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.1	1.7	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.1	1.7	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		5.1	1.6	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		5.1	0.75	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		5.1	1.0	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		5.1	1.7	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.1	0.78	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.1	1.5	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		5.1	0.93	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.1	0.70	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.1	0.84	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		5.1	1.7	ug/kg	2
2-Hexanone	591-78-6	8260B	1.7	J	10	1.3	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		5.1	0.24	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		5.1	1.0	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.1	0.41	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	1.5	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		5.1	0.42	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		5.1	2.7	ug/kg	2
Styrene	100-42-5	8260B	ND		5.1	1.1	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.1	0.48	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		5.1	0.51	ug/kg	2
Toluene	108-88-3	8260B	ND		5.1	1.7	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1711	AAC		29414	5.94

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.1	0.65	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.1	1.7	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.1	0.87	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.1	0.81	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		5.1	1.9	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		5.1	1.5	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		5.1	0.88	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		5.1	3.0	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	53-142
Bromofluorobenzene		98	47-138
Toluene-d8		106	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1648	AAC		29414	4.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	110		52	17	ug/kg	2
Benzene	71-43-2	8260B	ND		13	2.9	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		13	4.4	ug/kg	2
Bromoform	75-25-2	8260B	ND		13	1.8	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		13	4.7	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		26	6.3	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		13	3.4	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		13	4.7	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		13	4.4	ug/kg	2
Chloroethane	75-00-3	8260B	ND		13	3.4	ug/kg	2
Chloroform	67-66-3	8260B	ND		13	2.2	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		13	2.6	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		13	1.8	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		13	3.9	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		13	4.4	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		13	2.2	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		13	4.4	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		13	4.4	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		13	4.4	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		13	4.2	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		13	1.9	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		13	2.6	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		13	4.4	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		13	2.0	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		13	3.9	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		13	2.4	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		13	1.8	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		13	2.1	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		13	4.4	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		26	3.4	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		13	0.60	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		13	2.6	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		13	1.0	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		26	3.9	ug/kg	2
Methylcyclohexane	108-87-2	8260B	3.4	J	13	1.1	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		13	6.8	ug/kg	2
Styrene	100-42-5	8260B	ND		13	2.9	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		13	1.2	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		13	1.3	ug/kg	2
Toluene	108-88-3	8260B	ND		13	4.4	ug/kg	2

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	09/16/2013 1648	AAC		29414	4.15

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		13	1.6	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		13	4.4	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		13	2.2	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		13	2.1	ug/kg	2
Trichloroethene	79-01-6	8260B	ND		13	4.9	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		13	3.9	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		13	2.2	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		13	7.6	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		122	53-142
Bromofluorobenzene		49	47-138
Toluene-d8		85	68-124

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		(Ignitability) 1010A	1	09/12/2013 1450	HBB		29218
1		(pH) 9045D	1	09/13/2013 1027	RLF		29287
1		(Reactive Cya) 7.3.3	1	09/12/2013 1650	HBB	09/11/2013 1408	
1		(Reactive Sul) 7.3.4	1	09/12/2013 1035	MML	09/11/2013 1408	

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Ignitability (Pensky-Martens Closed-Cup)		1010A	>140		140	0	° F	1
pH		9045D	9.36				su	1
Reactive Cyanide		7.3.3	ND		50		mg/kg	1
Reactive Sulfide		7.3.4	ND		50		mg/kg	1

TCLP Volatiles

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/5030B	8260B	10	09/12/2013 2350	JJG		29245	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Benzene	71-43-2	8260B	ND		0.050	0.0020	mg/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		0.10	0.018	mg/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.050	0.0040	mg/L	1
Chlorobenzene	108-90-7	8260B	ND		0.050	0.0020	mg/L	1
Chloroform	67-66-3	8260B	ND		0.050	0.0030	mg/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.050	0.0030	mg/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.050	0.0050	mg/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.050	0.0040	mg/L	1
Trichloroethene	79-01-6	8260B	ND		0.050	0.0030	mg/L	1
Vinyl chloride	75-01-4	8260B	ND		0.010	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		98	70-130

TCLP Semivolatiles

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8270D	1	09/12/2013 1149	DRB1	09/10/2013 1642	29029	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
1,4-Dichlorobenzene	106-46-7	8270D	ND		0.050	0.0030	mg/L	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		0.10	0.011	mg/L	1
Hexachlorobenzene	118-74-1	8270D	ND		0.050	0.0012	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

TCLP Semivolatiles

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8270D	1	09/12/2013 1149	DRB1	09/10/2013 1642	29029	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Hexachlorobutadiene	87-68-3	8270D	ND		0.050	0.0030	mg/L	1
Hexachloroethane	67-72-1	8270D	ND		0.050	0.0030	mg/L	1
2-Methylphenol	95-48-7	8270D	ND		0.050	0.0040	mg/L	1
3 & 4-Methylphenol	106-44-5	8270D	ND		0.10	0.010	mg/L	1
Nitrobenzene	98-95-3	8270D	ND		0.050	0.0030	mg/L	1
Pentachlorophenol	87-86-5	8270D	ND		0.25	0.018	mg/L	1
Pyridine	110-86-1	8270D	ND		0.050	0.016	mg/L	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		0.050	0.0060	mg/L	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		0.050	0.0050	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		89	41-144
2-Fluorobiphenyl		93	37-129
2-Fluorophenol		86	24-127
Nitrobenzene-d5		94	38-127
Phenol-d5		87	28-128
Terphenyl-d14		95	10-148

TCLP Herbicides

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/8151A	8151A	1	09/12/2013 1954	AMY	09/11/2013 1000	29076	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
2,4-D	94-75-7	8151A	ND		0.020	0.0040	mg/L	1
2,4,5-TP (Silvex)	93-72-1	8151A	ND		0.0050	0.0010	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
DCAA		79	62-117

TCLP Pesticides

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	09/12/2013 0010	PMS	09/10/2013 1642	29028	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.00050	0.000022	mg/L	1
Chlordane	57-74-9	8081B	0.0018	JP	0.0025	0.00011	mg/L	1
Endrin	72-20-8	8081B	ND		0.00050	0.0000020	mg/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the MDL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: TRC Companies, Inc.
 Description: DRUMSOIL
 Date Sampled: 09/06/2013 1145
 Date Received: 09/06/2013

Laboratory ID: OI06066-042
 Matrix: Solid
 % Solids: 81.3 09/09/2013 2122

TCLP Pesticides

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/3520C	8081B	1	09/12/2013 0010	PMS	09/10/2013 1642	29028	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Heptachlor	76-44-8	8081B	ND		0.00050	0.000026	mg/L	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.00050	0.0000040	mg/L	1
Methoxychlor	72-43-5	8081B	ND		0.0020	0.000040	mg/L	1
Toxaphene	8001-35-2	8081B	ND		0.0050	0.00022	mg/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		65	20-131
Tetrachloro-m-xylene		75	26-132

TCLP Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Leachate Date
1	1311/7470A	7470A	1	09/10/2013 2243	FCJ	09/10/2013 1846	29036	09/09/2013 1845
1	1311/3010A	6010C	10	09/11/2013 2250	CDF	09/10/2013 1603	29027	09/09/2013 1845

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010C	0.036	BJ	0.10	0.023	mg/L	1
Barium	7440-39-3	6010C	0.36		0.25	0.023	mg/L	1
Cadmium	7440-43-9	6010C	ND		0.020	0.0030	mg/L	1
Chromium	7440-47-3	6010C	ND		0.050	0.014	mg/L	1
Lead	7439-92-1	6010C	ND		0.10	0.017	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00020	0.000053	mg/L	1
Selenium	7782-49-2	6010C	ND		0.10	0.032	mg/L	1
Silver	7440-22-4	6010C	ND		0.050	0.0090	mg/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the MDL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: QQ29287-001

Matrix: Solid

Batch: 29287

Analytical Method: 9045D

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
pH	6.04		1	0.000	0.000	su	09/13/2013 1027

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - Duplicate

Sample ID: OI06066-042DU

Matrix: Solid

Batch: 29287

Analytical Method: 9045D

Parameter	Sample Amount (su)	Result	Q	Dil	% RPD	% RPD Limit	Analysis Date
pH	9.36	9.45		1	0.96	20	09/13/2013 1027

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28899-001

Matrix: Aqueous

Batch: 28899

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/L	09/07/2013 1534
Benzene	ND		1	5.0	0.20	ug/L	09/07/2013 1534
Bromodichloromethane	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Bromoform	ND		1	5.0	0.40	ug/L	09/07/2013 1534
Bromomethane (Methyl bromide)	ND		1	5.0	0.80	ug/L	09/07/2013 1534
2-Butanone (MEK)	ND		1	10	1.8	ug/L	09/07/2013 1534
Carbon disulfide	ND		1	5.0	0.30	ug/L	09/07/2013 1534
Carbon tetrachloride	ND		1	5.0	0.40	ug/L	09/07/2013 1534
Chlorobenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Chloroethane	ND		1	5.0	0.50	ug/L	09/07/2013 1534
Chloroform	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Chloromethane (Methyl chloride)	ND		1	5.0	0.30	ug/L	09/07/2013 1534
Cyclohexane	ND		1	5.0	0.98	ug/L	09/07/2013 1534
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	0.60	ug/L	09/07/2013 1534
Dibromochloromethane	ND		1	5.0	1.7	ug/L	09/07/2013 1534
1,2-Dibromoethane (EDB)	ND		1	5.0	0.30	ug/L	09/07/2013 1534
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Dichlorodifluoromethane	ND		1	5.0	0.20	ug/L	09/07/2013 1534
1,1-Dichloroethane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
1,2-Dichloroethane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
cis-1,2-Dichloroethene	ND		1	5.0	0.20	ug/L	09/07/2013 1534
1,1-Dichloroethene	ND		1	5.0	0.50	ug/L	09/07/2013 1534
trans-1,2-Dichloroethene	ND		1	5.0	0.40	ug/L	09/07/2013 1534
1,2-Dichloropropane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
trans-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/07/2013 1534
cis-1,3-Dichloropropene	ND		1	5.0	0.30	ug/L	09/07/2013 1534
Ethylbenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
2-Hexanone	ND		1	10	1.0	ug/L	09/07/2013 1534
Isopropylbenzene	ND		1	5.0	1.0	ug/L	09/07/2013 1534
Methyl acetate	ND		1	5.0	0.72	ug/L	09/07/2013 1534
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/L	09/07/2013 1534
4-Methyl-2-pentanone	ND		1	10	0.80	ug/L	09/07/2013 1534
Methylcyclohexane	ND		1	5.0	0.95	ug/L	09/07/2013 1534
Methylene chloride	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Styrene	ND		1	5.0	0.10	ug/L	09/07/2013 1534
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.40	ug/L	09/07/2013 1534
Tetrachloroethene	ND		1	5.0	0.40	ug/L	09/07/2013 1534
Toluene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/L	09/07/2013 1534
1,1,2-Trichloroethane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
1,1,1-Trichloroethane	ND		1	5.0	0.20	ug/L	09/07/2013 1534

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ28899-001

Matrix: Aqueous

Batch: 28899

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	0.30	ug/L	09/07/2013 1534
Trichlorofluoromethane	ND		1	5.0	0.30	ug/L	09/07/2013 1534
Vinyl chloride	ND		1	2.0	0.10	ug/L	09/07/2013 1534
Xylenes (total)	ND		1	5.0	1.7	ug/L	09/07/2013 1534
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		89	70-130				
1,2-Dichloroethane-d4		90	70-130				
Toluene-d8		91	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ28899-002

Matrix: Aqueous

Batch: 28899

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	104	60-140	09/07/2013 1400
Benzene	50	47		1	94	70-130	09/07/2013 1400
Bromodichloromethane	50	49		1	99	70-130	09/07/2013 1400
Bromoform	50	53		1	106	70-130	09/07/2013 1400
Bromomethane (Methyl bromide)	50	51		1	103	60-140	09/07/2013 1400
2-Butanone (MEK)	100	110		1	111	60-140	09/07/2013 1400
Carbon disulfide	50	46		1	92	60-140	09/07/2013 1400
Carbon tetrachloride	50	51		1	102	70-130	09/07/2013 1400
Chlorobenzene	50	48		1	95	70-130	09/07/2013 1400
Chloroethane	50	52		1	105	42-163	09/07/2013 1400
Chloroform	50	49		1	98	70-130	09/07/2013 1400
Chloromethane (Methyl chloride)	50	50		1	100	60-140	09/07/2013 1400
Cyclohexane	50	48		1	96	70-130	09/07/2013 1400
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	94	70-130	09/07/2013 1400
Dibromochloromethane	50	52		1	104	70-130	09/07/2013 1400
1,2-Dibromoethane (EDB)	50	52		1	105	70-130	09/07/2013 1400
1,2-Dichlorobenzene	50	45		1	91	70-130	09/07/2013 1400
1,4-Dichlorobenzene	50	47		1	94	70-130	09/07/2013 1400
1,3-Dichlorobenzene	50	47		1	94	70-130	09/07/2013 1400
Dichlorodifluoromethane	50	66		1	132	60-140	09/07/2013 1400
1,1-Dichloroethane	50	49		1	97	70-130	09/07/2013 1400
1,2-Dichloroethane	50	49		1	98	70-130	09/07/2013 1400
cis-1,2-Dichloroethene	50	49		1	98	70-130	09/07/2013 1400
1,1-Dichloroethene	50	49		1	98	70-130	09/07/2013 1400
trans-1,2-Dichloroethene	50	48		1	96	70-130	09/07/2013 1400
1,2-Dichloropropane	50	50		1	100	70-130	09/07/2013 1400
trans-1,3-Dichloropropene	50	52		1	104	70-130	09/07/2013 1400
cis-1,3-Dichloropropene	50	51		1	103	70-130	09/07/2013 1400
Ethylbenzene	50	48		1	96	70-130	09/07/2013 1400
2-Hexanone	100	110		1	107	60-140	09/07/2013 1400
Isopropylbenzene	50	51		1	102	70-130	09/07/2013 1400
Methyl acetate	50	49		1	97	70-130	09/07/2013 1400
Methyl tertiary butyl ether (MTBE)	50	52		1	104	70-130	09/07/2013 1400
4-Methyl-2-pentanone	100	100		1	104	60-140	09/07/2013 1400
Methylcyclohexane	50	54		1	108	70-130	09/07/2013 1400
Methylene chloride	50	48		1	96	70-130	09/07/2013 1400
Styrene	50	51		1	101	70-130	09/07/2013 1400
1,1,2,2-Tetrachloroethane	50	53		1	106	70-130	09/07/2013 1400
Tetrachloroethene	50	49		1	98	70-130	09/07/2013 1400
Toluene	50	48		1	96	70-130	09/07/2013 1400
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	54		1	108	70-130	09/07/2013 1400
1,2,4-Trichlorobenzene	50	37		1	73	70-130	09/07/2013 1400
1,1,2-Trichloroethane	50	50		1	100	70-130	09/07/2013 1400
1,1,1-Trichloroethane	50	49		1	99	70-130	09/07/2013 1400

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ28899-002

Matrix: Aqueous

Batch: 28899

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	48		1	97	70-130	09/07/2013 1400
Trichlorofluoromethane	50	58		1	116	70-130	09/07/2013 1400
Vinyl chloride	50	60		1	121	70-130	09/07/2013 1400
Xylenes (total)	100	96		1	96	70-130	09/07/2013 1400
Surrogate	Q	% Rec			Acceptance Limit		
Bromofluorobenzene		89			70-130		
1,2-Dichloroethane-d4		88			70-130		
Toluene-d8		92			70-130		

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29063-001

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/11/2013 0043
Benzene	ND		1	5.0	1.1	ug/kg	09/11/2013 0043
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
Bromoform	ND		1	5.0	0.70	ug/kg	09/11/2013 0043
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/11/2013 0043
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/11/2013 0043
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/11/2013 0043
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/11/2013 0043
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
Chloroethane	ND		1	5.0	1.3	ug/kg	09/11/2013 0043
Chloroform	ND		1	5.0	0.83	ug/kg	09/11/2013 0043
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/11/2013 0043
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/11/2013 0043
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/11/2013 0043
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/11/2013 0043
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/11/2013 0043
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/11/2013 0043
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/11/2013 0043
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/11/2013 0043
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/11/2013 0043
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/11/2013 0043
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/11/2013 0043
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/11/2013 0043
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
2-Hexanone	ND		1	10	1.3	ug/kg	09/11/2013 0043
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/11/2013 0043
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/11/2013 0043
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/11/2013 0043
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/11/2013 0043
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/11/2013 0043
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/11/2013 0043
Styrene	ND		1	5.0	1.1	ug/kg	09/11/2013 0043
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/11/2013 0043
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/11/2013 0043
Toluene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/11/2013 0043
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 0043
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/11/2013 0043
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/11/2013 0043

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29063-001

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/11/2013 0043
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/11/2013 0043
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/11/2013 0043
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/11/2013 0043
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	47-138				
1,2-Dichloroethane-d4		102	53-142				
Toluene-d8		103	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29063-002

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	112	60-140	09/10/2013 2309
Benzene	50	51		1	102	69-123	09/10/2013 2309
Bromodichloromethane	50	49		1	98	69-121	09/10/2013 2309
Bromoform	50	51		1	103	61-119	09/10/2013 2309
Bromomethane (Methyl bromide)	50	49		1	99	10-168	09/10/2013 2309
2-Butanone (MEK)	100	120		1	120	57-148	09/10/2013 2309
Carbon disulfide	50	56		1	113	58-122	09/10/2013 2309
Carbon tetrachloride	50	47		1	94	58-136	09/10/2013 2309
Chlorobenzene	50	51		1	101	59-129	09/10/2013 2309
Chloroethane	50	56		1	112	42-163	09/10/2013 2309
Chloroform	50	49		1	98	71-125	09/10/2013 2309
Chloromethane (Methyl chloride)	50	53		1	106	34-134	09/10/2013 2309
Cyclohexane	50	51		1	101	53-139	09/10/2013 2309
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	102	55-125	09/10/2013 2309
Dibromochloromethane	50	49		1	97	66-119	09/10/2013 2309
1,2-Dibromoethane (EDB)	50	51		1	103	74-124	09/10/2013 2309
1,4-Dichlorobenzene	50	50		1	100	52-133	09/10/2013 2309
1,3-Dichlorobenzene	50	52		1	104	51-134	09/10/2013 2309
1,2-Dichlorobenzene	50	50		1	99	57-131	09/10/2013 2309
Dichlorodifluoromethane	50	59		1	118	10-157	09/10/2013 2309
1,2-Dichloroethane	50	46		1	93	67-129	09/10/2013 2309
1,1-Dichloroethane	50	49		1	99	71-127	09/10/2013 2309
trans-1,2-Dichloroethene	50	51		1	102	68-131	09/10/2013 2309
cis-1,2-Dichloroethene	50	52		1	104	70-122	09/10/2013 2309
1,1-Dichloroethene	50	51		1	101	69-138	09/10/2013 2309
1,2-Dichloropropane	50	50		1	101	72-124	09/10/2013 2309
trans-1,3-Dichloropropene	50	51		1	102	70-124	09/10/2013 2309
cis-1,3-Dichloropropene	50	52		1	104	70-126	09/10/2013 2309
Ethylbenzene	50	51		1	102	59-128	09/10/2013 2309
2-Hexanone	100	120		1	120	54-137	09/10/2013 2309
Isopropylbenzene	50	56		1	113	50-136	09/10/2013 2309
Methyl acetate	50	52		1	105	59-137	09/10/2013 2309
Methyl tertiary butyl ether (MTBE)	50	53		1	105	70-130	09/10/2013 2309
4-Methyl-2-pentanone	100	120		1	119	60-134	09/10/2013 2309
Methylcyclohexane	50	54		1	109	41-144	09/10/2013 2309
Methylene chloride	50	49		1	98	70-130	09/10/2013 2309
Styrene	50	52		1	104	54-136	09/10/2013 2309
1,1,2,2-Tetrachloroethane	50	55		1	111	69-132	09/10/2013 2309
Tetrachloroethene	50	51		1	102	45-150	09/10/2013 2309
Toluene	50	51		1	103	61-129	09/10/2013 2309
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	50		1	100	49-136	09/10/2013 2309
1,2,4-Trichlorobenzene	50	49		1	99	34-145	09/10/2013 2309
1,1,2-Trichloroethane	50	52		1	104	55-128	09/10/2013 2309
1,1,1-Trichloroethane	50	49		1	98	63-128	09/10/2013 2309

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29063-002

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	53		1	106	62-126	09/10/2013 2309
Trichlorofluoromethane	50	53		1	107	45-138	09/10/2013 2309
Vinyl chloride	50	59		1	118	42-132	09/10/2013 2309
Xylenes (total)	100	110		1	105	58-128	09/10/2013 2309
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		116	47-138				
1,2-Dichloroethane-d4		106	53-142				
Toluene-d8		119	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29063-003

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	120		1	116	2.9	60-140	20	09/10/2013 2332
Benzene	50	50		1	100	2.2	69-123	20	09/10/2013 2332
Bromodichloromethane	50	48		1	95	2.4	69-121	20	09/10/2013 2332
Bromoform	50	50		1	99	3.3	61-119	20	09/10/2013 2332
Bromomethane (Methyl bromide)	50	50		1	99	0.57	10-168	20	09/10/2013 2332
2-Butanone (MEK)	100	120		1	116	3.4	57-148	20	09/10/2013 2332
Carbon disulfide	50	55		1	111	1.8	58-122	20	09/10/2013 2332
Carbon tetrachloride	50	47		1	95	0.73	58-136	20	09/10/2013 2332
Chlorobenzene	50	50		1	100	0.80	59-129	20	09/10/2013 2332
Chloroethane	50	56		1	113	1.2	42-163	20	09/10/2013 2332
Chloroform	50	48		1	97	1.4	71-125	20	09/10/2013 2332
Chloromethane (Methyl chloride)	50	54		1	107	1.6	34-134	20	09/10/2013 2332
Cyclohexane	50	51		1	102	0.62	53-139	20	09/10/2013 2332
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	95	7.2	55-125	20	09/10/2013 2332
Dibromochloromethane	50	49		1	98	0.44	66-119	20	09/10/2013 2332
1,2-Dibromoethane (EDB)	50	51		1	102	0.76	74-124	20	09/10/2013 2332
1,4-Dichlorobenzene	50	51		1	103	2.7	52-133	20	09/10/2013 2332
1,3-Dichlorobenzene	50	51		1	103	1.1	51-134	20	09/10/2013 2332
1,2-Dichlorobenzene	50	51		1	101	2.5	57-131	20	09/10/2013 2332
Dichlorodifluoromethane	50	58		1	115	1.9	10-157	20	09/10/2013 2332
1,2-Dichloroethane	50	46		1	92	1.1	67-129	20	09/10/2013 2332
1,1-Dichloroethane	50	49		1	98	1.2	71-127	20	09/10/2013 2332
trans-1,2-Dichloroethene	50	50		1	101	1.4	68-131	20	09/10/2013 2332
cis-1,2-Dichloroethene	50	51		1	103	0.96	70-122	20	09/10/2013 2332
1,1-Dichloroethene	50	50		1	101	0.67	69-138	20	09/10/2013 2332
1,2-Dichloropropane	50	50		1	99	1.7	72-124	20	09/10/2013 2332
trans-1,3-Dichloropropene	50	51		1	103	0.53	70-124	20	09/10/2013 2332
cis-1,3-Dichloropropene	50	51		1	103	1.2	70-126	20	09/10/2013 2332
Ethylbenzene	50	52		1	104	2.2	59-128	20	09/10/2013 2332
2-Hexanone	100	120		1	115	4.0	54-137	20	09/10/2013 2332
Isopropylbenzene	50	58		1	117	3.5	50-136	20	09/10/2013 2332
Methyl acetate	50	49		1	98	6.3	59-137	20	09/10/2013 2332
Methyl tertiary butyl ether (MTBE)	50	52		1	104	1.6	70-130	20	09/10/2013 2332
4-Methyl-2-pentanone	100	110		1	113	4.6	60-134	20	09/10/2013 2332
Methylcyclohexane	50	53		1	107	1.9	41-144	20	09/10/2013 2332
Methylene chloride	50	48		1	97	0.87	70-130	20	09/10/2013 2332
Styrene	50	52		1	103	1.1	54-136	20	09/10/2013 2332
1,1,2,2-Tetrachloroethane	50	54		1	108	2.1	69-132	20	09/10/2013 2332
Tetrachloroethene	50	52		1	105	2.7	45-150	20	09/10/2013 2332
Toluene	50	52		1	103	0.69	61-129	20	09/10/2013 2332
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	101	0.88	49-136	20	09/10/2013 2332
1,2,4-Trichlorobenzene	50	49		1	98	1.0	34-145	20	09/10/2013 2332
1,1,2-Trichloroethane	50	52		1	104	0.16	55-128	20	09/10/2013 2332
1,1,1-Trichloroethane	50	48		1	96	1.7	63-128	20	09/10/2013 2332

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29063-003

Matrix: Solid

Batch: 29063

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	52		1	104	1.3	62-126	20	09/10/2013 2332
Trichlorofluoromethane	50	53		1	106	0.67	45-138	20	09/10/2013 2332
Vinyl chloride	50	58		1	116	1.6	42-132	20	09/10/2013 2332
Xylenes (total)	100	110		1	105	0.015	58-128	20	09/10/2013 2332
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		100	47-138						
1,2-Dichloroethane-d4		88	53-142						
Toluene-d8		104	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29125-001

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/11/2013 1223
Benzene	ND		1	5.0	1.1	ug/kg	09/11/2013 1223
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Bromoform	ND		1	5.0	0.70	ug/kg	09/11/2013 1223
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/11/2013 1223
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/11/2013 1223
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/11/2013 1223
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/11/2013 1223
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Chloroethane	ND		1	5.0	1.3	ug/kg	09/11/2013 1223
Chloroform	ND		1	5.0	0.83	ug/kg	09/11/2013 1223
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/11/2013 1223
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/11/2013 1223
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/11/2013 1223
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/11/2013 1223
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/11/2013 1223
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/11/2013 1223
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/11/2013 1223
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/11/2013 1223
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/11/2013 1223
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/11/2013 1223
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
2-Hexanone	ND		1	10	1.3	ug/kg	09/11/2013 1223
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/11/2013 1223
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/11/2013 1223
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/11/2013 1223
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/11/2013 1223
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/11/2013 1223
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/11/2013 1223
Styrene	ND		1	5.0	1.1	ug/kg	09/11/2013 1223
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/11/2013 1223
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/11/2013 1223
Toluene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/11/2013 1223
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/11/2013 1223
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/11/2013 1223
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/11/2013 1223

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29125-001

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/11/2013 1223
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/11/2013 1223
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/11/2013 1223
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/11/2013 1223
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		99	47-138				
1,2-Dichloroethane-d4		107	53-142				
Toluene-d8		107	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29125-002

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	100	60-140	09/11/2013 1048
Benzene	50	47		1	93	69-123	09/11/2013 1048
Bromodichloromethane	50	45		1	90	69-121	09/11/2013 1048
Bromoform	50	43		1	86	61-119	09/11/2013 1048
Bromomethane (Methyl bromide)	50	44		1	88	10-168	09/11/2013 1048
2-Butanone (MEK)	100	98		1	98	57-148	09/11/2013 1048
Carbon disulfide	50	48		1	97	58-122	09/11/2013 1048
Carbon tetrachloride	50	45		1	89	58-136	09/11/2013 1048
Chlorobenzene	50	44		1	88	59-129	09/11/2013 1048
Chloroethane	50	48		1	95	42-163	09/11/2013 1048
Chloroform	50	45		1	91	71-125	09/11/2013 1048
Chloromethane (Methyl chloride)	50	45		1	91	34-134	09/11/2013 1048
Cyclohexane	50	44		1	87	53-139	09/11/2013 1048
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	55-125	09/11/2013 1048
Dibromochloromethane	50	43		1	86	66-119	09/11/2013 1048
1,2-Dibromoethane (EDB)	50	44		1	88	74-124	09/11/2013 1048
1,4-Dichlorobenzene	50	44		1	89	52-133	09/11/2013 1048
1,3-Dichlorobenzene	50	44		1	88	51-134	09/11/2013 1048
1,2-Dichlorobenzene	50	43		1	85	57-131	09/11/2013 1048
Dichlorodifluoromethane	50	43		1	85	10-157	09/11/2013 1048
1,2-Dichloroethane	50	45		1	89	67-129	09/11/2013 1048
1,1-Dichloroethane	50	45		1	90	71-127	09/11/2013 1048
trans-1,2-Dichloroethene	50	45		1	90	68-131	09/11/2013 1048
cis-1,2-Dichloroethene	50	46		1	92	70-122	09/11/2013 1048
1,1-Dichloroethene	50	44		1	87	69-138	09/11/2013 1048
1,2-Dichloropropane	50	45		1	90	72-124	09/11/2013 1048
trans-1,3-Dichloropropene	50	44		1	88	70-124	09/11/2013 1048
cis-1,3-Dichloropropene	50	45		1	89	70-126	09/11/2013 1048
Ethylbenzene	50	45		1	91	59-128	09/11/2013 1048
2-Hexanone	100	94		1	94	54-137	09/11/2013 1048
Isopropylbenzene	50	50		1	100	50-136	09/11/2013 1048
Methyl acetate	50	45		1	89	59-137	09/11/2013 1048
Methyl tertiary butyl ether (MTBE)	50	46		1	91	70-130	09/11/2013 1048
4-Methyl-2-pentanone	100	99		1	99	60-134	09/11/2013 1048
Methylcyclohexane	50	47		1	94	41-144	09/11/2013 1048
Methylene chloride	50	43		1	86	70-130	09/11/2013 1048
Styrene	50	45		1	90	54-136	09/11/2013 1048
1,1,2,2-Tetrachloroethane	50	46		1	91	69-132	09/11/2013 1048
Tetrachloroethene	50	44		1	89	45-150	09/11/2013 1048
Toluene	50	46		1	92	61-129	09/11/2013 1048
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	87	49-136	09/11/2013 1048
1,2,4-Trichlorobenzene	50	42		1	84	34-145	09/11/2013 1048
1,1,2-Trichloroethane	50	45		1	90	55-128	09/11/2013 1048
1,1,1-Trichloroethane	50	46		1	92	63-128	09/11/2013 1048

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29125-002

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	92	62-126	09/11/2013 1048
Trichlorofluoromethane	50	46		1	92	45-138	09/11/2013 1048
Vinyl chloride	50	52		1	105	42-132	09/11/2013 1048
Xylenes (total)	100	93		1	93	58-128	09/11/2013 1048
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		103	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		112	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29125-003

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	120		1	119	17	60-140	20	09/11/2013 1112
Benzene	50	43		1	86	7.8	69-123	20	09/11/2013 1112
Bromodichloromethane	50	43		1	85	4.8	69-121	20	09/11/2013 1112
Bromoform	50	43		1	85	1.1	61-119	20	09/11/2013 1112
Bromomethane (Methyl bromide)	50	44		1	88	0.098	10-168	20	09/11/2013 1112
2-Butanone (MEK)	100	100		1	105	6.6	57-148	20	09/11/2013 1112
Carbon disulfide	50	47		1	94	2.6	58-122	20	09/11/2013 1112
Carbon tetrachloride	50	43		1	85	4.9	58-136	20	09/11/2013 1112
Chlorobenzene	50	42		1	85	3.8	59-129	20	09/11/2013 1112
Chloroethane	50	47		1	94	1.9	42-163	20	09/11/2013 1112
Chloroform	50	44		1	88	3.7	71-125	20	09/11/2013 1112
Chloromethane (Methyl chloride)	50	43		1	87	4.6	34-134	20	09/11/2013 1112
Cyclohexane	50	42		1	84	4.3	53-139	20	09/11/2013 1112
1,2-Dibromo-3-chloropropane (DBCP)	50	43		1	87	2.8	55-125	20	09/11/2013 1112
Dibromochloromethane	50	43		1	85	0.33	66-119	20	09/11/2013 1112
1,2-Dibromoethane (EDB)	50	44		1	87	1.1	74-124	20	09/11/2013 1112
1,4-Dichlorobenzene	50	41		1	83	7.1	52-133	20	09/11/2013 1112
1,3-Dichlorobenzene	50	42		1	84	5.2	51-134	20	09/11/2013 1112
1,2-Dichlorobenzene	50	41		1	82	3.6	57-131	20	09/11/2013 1112
Dichlorodifluoromethane	50	41		1	83	2.9	10-157	20	09/11/2013 1112
1,2-Dichloroethane	50	44		1	87	2.1	67-129	20	09/11/2013 1112
1,1-Dichloroethane	50	44		1	87	2.9	71-127	20	09/11/2013 1112
trans-1,2-Dichloroethene	50	44		1	87	3.5	68-131	20	09/11/2013 1112
cis-1,2-Dichloroethene	50	44		1	89	3.0	70-122	20	09/11/2013 1112
1,1-Dichloroethene	50	42		1	84	3.8	69-138	20	09/11/2013 1112
1,2-Dichloropropane	50	43		1	86	4.2	72-124	20	09/11/2013 1112
trans-1,3-Dichloropropene	50	44		1	89	0.31	70-124	20	09/11/2013 1112
cis-1,3-Dichloropropene	50	44		1	88	1.8	70-126	20	09/11/2013 1112
Ethylbenzene	50	42		1	84	7.7	59-128	20	09/11/2013 1112
2-Hexanone	100	100		1	101	7.2	54-137	20	09/11/2013 1112
Isopropylbenzene	50	45		1	89	11	50-136	20	09/11/2013 1112
Methyl acetate	50	48		1	96	7.4	59-137	20	09/11/2013 1112
Methyl tertiary butyl ether (MTBE)	50	47		1	95	3.9	70-130	20	09/11/2013 1112
4-Methyl-2-pentanone	100	100		1	102	3.2	60-134	20	09/11/2013 1112
Methylcyclohexane	50	44		1	87	7.3	41-144	20	09/11/2013 1112
Methylene chloride	50	42		1	83	3.7	70-130	20	09/11/2013 1112
Styrene	50	42		1	85	5.6	54-136	20	09/11/2013 1112
1,1,2,2-Tetrachloroethane	50	46		1	91	0.026	69-132	20	09/11/2013 1112
Tetrachloroethene	50	42		1	84	5.9	45-150	20	09/11/2013 1112
Toluene	50	43		1	86	7.3	61-129	20	09/11/2013 1112
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	43		1	85	2.3	49-136	20	09/11/2013 1112
1,2,4-Trichlorobenzene	50	41		1	83	1.9	34-145	20	09/11/2013 1112
1,1,2-Trichloroethane	50	44		1	87	3.6	55-128	20	09/11/2013 1112
1,1,1-Trichloroethane	50	44		1	87	4.9	63-128	20	09/11/2013 1112

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29125-003

Matrix: Solid

Batch: 29125

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	43		1	86	6.3	62-126	20	09/11/2013 1112
Trichlorofluoromethane	50	44		1	88	3.6	45-138	20	09/11/2013 1112
Vinyl chloride	50	50		1	99	5.4	42-132	20	09/11/2013 1112
Xylenes (total)	100	88		1	88	6.4	58-128	20	09/11/2013 1112
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		104	47-138						
1,2-Dichloroethane-d4		103	53-142						
Toluene-d8		109	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29147-001

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/12/2013 0105
Benzene	ND		1	5.0	1.1	ug/kg	09/12/2013 0105
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
Bromoform	ND		1	5.0	0.70	ug/kg	09/12/2013 0105
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/12/2013 0105
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/12/2013 0105
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/12/2013 0105
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/12/2013 0105
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
Chloroethane	ND		1	5.0	1.3	ug/kg	09/12/2013 0105
Chloroform	ND		1	5.0	0.83	ug/kg	09/12/2013 0105
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/12/2013 0105
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/12/2013 0105
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/12/2013 0105
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/12/2013 0105
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/12/2013 0105
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/12/2013 0105
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/12/2013 0105
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/12/2013 0105
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/12/2013 0105
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/12/2013 0105
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/12/2013 0105
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/12/2013 0105
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
2-Hexanone	ND		1	10	1.3	ug/kg	09/12/2013 0105
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/12/2013 0105
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/12/2013 0105
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/12/2013 0105
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/12/2013 0105
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/12/2013 0105
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/12/2013 0105
Styrene	ND		1	5.0	1.1	ug/kg	09/12/2013 0105
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/12/2013 0105
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/12/2013 0105
Toluene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/12/2013 0105
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 0105
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/12/2013 0105
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/12/2013 0105

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29147-001

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/12/2013 0105
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/12/2013 0105
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/12/2013 0105
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/12/2013 0105
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		95	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		105	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29147-002

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	123	60-140	09/11/2013 2354
Benzene	50	53		1	106	69-123	09/11/2013 2354
Bromodichloromethane	50	53		1	105	69-121	09/11/2013 2354
Bromoform	50	54		1	108	61-119	09/11/2013 2354
Bromomethane (Methyl bromide)	50	54		1	107	10-168	09/11/2013 2354
2-Butanone (MEK)	100	120		1	118	57-148	09/11/2013 2354
Carbon disulfide	50	58		1	117	58-122	09/11/2013 2354
Carbon tetrachloride	50	53		1	106	58-136	09/11/2013 2354
Chlorobenzene	50	52		1	105	59-129	09/11/2013 2354
Chloroethane	50	54		1	108	42-163	09/11/2013 2354
Chloroform	50	53		1	106	71-125	09/11/2013 2354
Chloromethane (Methyl chloride)	50	53		1	106	34-134	09/11/2013 2354
Cyclohexane	50	57		1	113	53-139	09/11/2013 2354
1,2-Dibromo-3-chloropropane (DBCP)	50	51		1	102	55-125	09/11/2013 2354
Dibromochloromethane	50	53		1	105	66-119	09/11/2013 2354
1,2-Dibromoethane (EDB)	50	54		1	108	74-124	09/11/2013 2354
1,3-Dichlorobenzene	50	51		1	102	51-134	09/11/2013 2354
1,2-Dichlorobenzene	50	50		1	101	57-131	09/11/2013 2354
1,4-Dichlorobenzene	50	51		1	102	52-133	09/11/2013 2354
Dichlorodifluoromethane	50	48		1	95	10-157	09/11/2013 2354
1,1-Dichloroethane	50	53		1	105	71-127	09/11/2013 2354
1,2-Dichloroethane	50	53		1	106	67-129	09/11/2013 2354
trans-1,2-Dichloroethene	50	54		1	108	68-131	09/11/2013 2354
cis-1,2-Dichloroethene	50	54		1	108	70-122	09/11/2013 2354
1,1-Dichloroethene	50	54		1	108	69-138	09/11/2013 2354
1,2-Dichloropropane	50	53		1	106	72-124	09/11/2013 2354
cis-1,3-Dichloropropene	50	54		1	108	70-126	09/11/2013 2354
trans-1,3-Dichloropropene	50	55		1	109	70-124	09/11/2013 2354
Ethylbenzene	50	54		1	108	59-128	09/11/2013 2354
2-Hexanone	100	120		1	120	54-137	09/11/2013 2354
Isopropylbenzene	50	56		1	113	50-136	09/11/2013 2354
Methyl acetate	50	56		1	112	59-137	09/11/2013 2354
Methyl tertiary butyl ether (MTBE)	50	56		1	113	70-130	09/11/2013 2354
4-Methyl-2-pentanone	100	120		1	124	60-134	09/11/2013 2354
Methylcyclohexane	50	56		1	113	41-144	09/11/2013 2354
Methylene chloride	50	52		1	103	70-130	09/11/2013 2354
Styrene	50	54		1	107	54-136	09/11/2013 2354
1,1,2,2-Tetrachloroethane	50	54		1	109	69-132	09/11/2013 2354
Tetrachloroethene	50	52		1	105	45-150	09/11/2013 2354
Toluene	50	55		1	110	61-129	09/11/2013 2354
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	102	49-136	09/11/2013 2354
1,2,4-Trichlorobenzene	50	45		1	91	34-145	09/11/2013 2354
1,1,1-Trichloroethane	50	54		1	107	63-128	09/11/2013 2354
1,1,2-Trichloroethane	50	54		1	108	55-128	09/11/2013 2354

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29147-002

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	54		1	107	62-126	09/11/2013 2354
Trichlorofluoromethane	50	52		1	105	45-138	09/11/2013 2354
Vinyl chloride	50	58		1	117	42-132	09/11/2013 2354
Xylenes (total)	100	110		1	111	58-128	09/11/2013 2354
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		108	47-138				
1,2-Dichloroethane-d4		104	53-142				
Toluene-d8		112	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29147-003

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	130		1	133	7.4	60-140	20	09/12/2013 0018
Benzene	50	54		1	108	1.1	69-123	20	09/12/2013 0018
Bromodichloromethane	50	53		1	105	0.038	69-121	20	09/12/2013 0018
Bromoform	50	53		1	106	1.4	61-119	20	09/12/2013 0018
Bromomethane (Methyl bromide)	50	53		1	107	0.23	10-168	20	09/12/2013 0018
2-Butanone (MEK)	100	120		1	121	2.9	57-148	20	09/12/2013 0018
Carbon disulfide	50	58		1	115	1.5	58-122	20	09/12/2013 0018
Carbon tetrachloride	50	53		1	107	0.93	58-136	20	09/12/2013 0018
Chlorobenzene	50	53		1	106	1.0	59-129	20	09/12/2013 0018
Chloroethane	50	54		1	109	0.74	42-163	20	09/12/2013 0018
Chloroform	50	54		1	108	1.5	71-125	20	09/12/2013 0018
Chloromethane (Methyl chloride)	50	56		1	112	5.0	34-134	20	09/12/2013 0018
Cyclohexane	50	55		1	110	2.8	53-139	20	09/12/2013 0018
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	2.0	55-125	20	09/12/2013 0018
Dibromochloromethane	50	53		1	106	0.51	66-119	20	09/12/2013 0018
1,2-Dibromoethane (EDB)	50	54		1	108	0.0074	74-124	20	09/12/2013 0018
1,3-Dichlorobenzene	50	51		1	102	0.36	51-134	20	09/12/2013 0018
1,2-Dichlorobenzene	50	49		1	98	2.7	57-131	20	09/12/2013 0018
1,4-Dichlorobenzene	50	50		1	101	0.98	52-133	20	09/12/2013 0018
Dichlorodifluoromethane	50	47		1	93	1.8	10-157	20	09/12/2013 0018
1,1-Dichloroethane	50	54		1	108	2.0	71-127	20	09/12/2013 0018
1,2-Dichloroethane	50	54		1	108	2.1	67-129	20	09/12/2013 0018
trans-1,2-Dichloroethene	50	55		1	109	1.7	68-131	20	09/12/2013 0018
cis-1,2-Dichloroethene	50	55		1	110	2.1	70-122	20	09/12/2013 0018
1,1-Dichloroethene	50	54		1	108	0.072	69-138	20	09/12/2013 0018
1,2-Dichloropropane	50	54		1	108	1.3	72-124	20	09/12/2013 0018
cis-1,3-Dichloropropene	50	55		1	110	1.9	70-126	20	09/12/2013 0018
trans-1,3-Dichloropropene	50	55		1	109	0.017	70-124	20	09/12/2013 0018
Ethylbenzene	50	53		1	106	1.8	59-128	20	09/12/2013 0018
2-Hexanone	100	120		1	124	3.5	54-137	20	09/12/2013 0018
Isopropylbenzene	50	58		1	116	3.0	50-136	20	09/12/2013 0018
Methyl acetate	50	55		1	110	1.4	59-137	20	09/12/2013 0018
Methyl tertiary butyl ether (MTBE)	50	57		1	115	1.5	70-130	20	09/12/2013 0018
4-Methyl-2-pentanone	100	120		1	122	1.4	60-134	20	09/12/2013 0018
Methylcyclohexane	50	55		1	110	2.6	41-144	20	09/12/2013 0018
Methylene chloride	50	52		1	104	1.0	70-130	20	09/12/2013 0018
Styrene	50	53		1	106	0.75	54-136	20	09/12/2013 0018
1,1,2,2-Tetrachloroethane	50	54		1	108	0.55	69-132	20	09/12/2013 0018
Tetrachloroethene	50	52		1	103	1.3	45-150	20	09/12/2013 0018
Toluene	50	55		1	110	0.0091	61-129	20	09/12/2013 0018
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	51		1	102	0.15	49-136	20	09/12/2013 0018
1,2,4-Trichlorobenzene	50	46		1	91	0.74	34-145	20	09/12/2013 0018
1,1,1-Trichloroethane	50	54		1	108	0.73	63-128	20	09/12/2013 0018
1,1,2-Trichloroethane	50	54		1	108	0.16	55-128	20	09/12/2013 0018

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29147-003

Matrix: Solid

Batch: 29147

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	55		1	109	2.2	62-126	20	09/12/2013 0018
Trichlorofluoromethane	50	52		1	104	0.82	45-138	20	09/12/2013 0018
Vinyl chloride	50	59		1	118	1.4	42-132	20	09/12/2013 0018
Xylenes (total)	100	110		1	110	0.72	58-128	20	09/12/2013 0018
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		103	47-138						
1,2-Dichloroethane-d4		98	53-142						
Toluene-d8		109	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29204-001

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/12/2013 1245
Benzene	ND		1	5.0	1.1	ug/kg	09/12/2013 1245
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
Bromoform	ND		1	5.0	0.70	ug/kg	09/12/2013 1245
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/12/2013 1245
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/12/2013 1245
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/12/2013 1245
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/12/2013 1245
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
Chloroethane	ND		1	5.0	1.3	ug/kg	09/12/2013 1245
Chloroform	ND		1	5.0	0.83	ug/kg	09/12/2013 1245
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/12/2013 1245
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/12/2013 1245
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/12/2013 1245
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/12/2013 1245
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/12/2013 1245
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/12/2013 1245
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/12/2013 1245
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/12/2013 1245
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/12/2013 1245
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/12/2013 1245
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/12/2013 1245
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/12/2013 1245
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
2-Hexanone	ND		1	10	1.3	ug/kg	09/12/2013 1245
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/12/2013 1245
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/12/2013 1245
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/12/2013 1245
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/12/2013 1245
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/12/2013 1245
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/12/2013 1245
Styrene	ND		1	5.0	1.1	ug/kg	09/12/2013 1245
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/12/2013 1245
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/12/2013 1245
Toluene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/12/2013 1245
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/12/2013 1245
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/12/2013 1245
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/12/2013 1245

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29204-001

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/12/2013 1245
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/12/2013 1245
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/12/2013 1245
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/12/2013 1245
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	47-138				
1,2-Dichloroethane-d4		110	53-142				
Toluene-d8		107	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29204-002

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	115	60-140	09/12/2013 1110
Benzene	50	49		1	97	69-123	09/12/2013 1110
Bromodichloromethane	50	47		1	93	69-121	09/12/2013 1110
Bromoform	50	48		1	95	61-119	09/12/2013 1110
Bromomethane (Methyl bromide)	50	52		1	104	10-168	09/12/2013 1110
2-Butanone (MEK)	100	120		1	115	57-148	09/12/2013 1110
Carbon disulfide	50	54		1	109	58-122	09/12/2013 1110
Carbon tetrachloride	50	51		1	101	58-136	09/12/2013 1110
Chlorobenzene	50	46		1	92	59-129	09/12/2013 1110
Chloroethane	50	50		1	100	42-163	09/12/2013 1110
Chloroform	50	50		1	100	71-125	09/12/2013 1110
Chloromethane (Methyl chloride)	50	53		1	105	34-134	09/12/2013 1110
Cyclohexane	50	52		1	105	53-139	09/12/2013 1110
1,2-Dibromo-3-chloropropane (DBCP)	50	45		1	91	55-125	09/12/2013 1110
Dibromochloromethane	50	46		1	92	66-119	09/12/2013 1110
1,2-Dibromoethane (EDB)	50	47		1	94	74-124	09/12/2013 1110
1,3-Dichlorobenzene	50	47		1	93	51-134	09/12/2013 1110
1,4-Dichlorobenzene	50	46		1	92	52-133	09/12/2013 1110
1,2-Dichlorobenzene	50	44		1	88	57-131	09/12/2013 1110
Dichlorodifluoromethane	50	44		1	88	10-157	09/12/2013 1110
1,1-Dichloroethane	50	49		1	99	71-127	09/12/2013 1110
1,2-Dichloroethane	50	50		1	100	67-129	09/12/2013 1110
cis-1,2-Dichloroethene	50	50		1	100	70-122	09/12/2013 1110
1,1-Dichloroethene	50	50		1	99	69-138	09/12/2013 1110
trans-1,2-Dichloroethene	50	51		1	102	68-131	09/12/2013 1110
1,2-Dichloropropane	50	47		1	93	72-124	09/12/2013 1110
trans-1,3-Dichloropropene	50	47		1	93	70-124	09/12/2013 1110
cis-1,3-Dichloropropene	50	47		1	94	70-126	09/12/2013 1110
Ethylbenzene	50	47		1	95	59-128	09/12/2013 1110
2-Hexanone	100	100		1	105	54-137	09/12/2013 1110
Isopropylbenzene	50	51		1	101	50-136	09/12/2013 1110
Methyl acetate	50	53		1	105	59-137	09/12/2013 1110
Methyl tertiary butyl ether (MTBE)	50	52		1	104	70-130	09/12/2013 1110
4-Methyl-2-pentanone	100	110		1	109	60-134	09/12/2013 1110
Methylcyclohexane	50	50		1	101	41-144	09/12/2013 1110
Methylene chloride	50	48		1	96	70-130	09/12/2013 1110
Styrene	50	48		1	95	54-136	09/12/2013 1110
1,1,2,2-Tetrachloroethane	50	49		1	98	69-132	09/12/2013 1110
Tetrachloroethene	50	48		1	96	45-150	09/12/2013 1110
Toluene	50	48		1	97	61-129	09/12/2013 1110
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	95	49-136	09/12/2013 1110
1,2,4-Trichlorobenzene	50	42		1	84	34-145	09/12/2013 1110
1,1,1-Trichloroethane	50	51		1	102	63-128	09/12/2013 1110
1,1,2-Trichloroethane	50	47		1	95	55-128	09/12/2013 1110

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29204-002

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	48		1	96	62-126	09/12/2013 1110
Trichlorofluoromethane	50	48		1	95	45-138	09/12/2013 1110
Vinyl chloride	50	57		1	113	42-132	09/12/2013 1110
Xylenes (total)	100	97		1	97	58-128	09/12/2013 1110
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		104	47-138				
1,2-Dichloroethane-d4		106	53-142				
Toluene-d8		110	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29204-003

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	114	0.57	60-140	20	09/12/2013 1134
Benzene	50	49		1	99	1.5	69-123	20	09/12/2013 1134
Bromodichloromethane	50	48		1	95	2.2	69-121	20	09/12/2013 1134
Bromoform	50	48		1	95	0.088	61-119	20	09/12/2013 1134
Bromomethane (Methyl bromide)	50	43		1	87	18	10-168	20	09/12/2013 1134
2-Butanone (MEK)	100	120		1	115	0.29	57-148	20	09/12/2013 1134
Carbon disulfide	50	51		1	102	6.1	58-122	20	09/12/2013 1134
Carbon tetrachloride	50	47		1	95	6.8	58-136	20	09/12/2013 1134
Chlorobenzene	50	46		1	93	1.1	59-129	20	09/12/2013 1134
Chloroethane	50	48		1	96	4.0	42-163	20	09/12/2013 1134
Chloroform	50	48		1	95	4.5	71-125	20	09/12/2013 1134
Chloromethane (Methyl chloride)	50	47		1	95	11	34-134	20	09/12/2013 1134
Cyclohexane	50	50		1	101	3.9	53-139	20	09/12/2013 1134
1,2-Dibromo-3-chloropropane (DBCP)	50	50		1	100	10	55-125	20	09/12/2013 1134
Dibromochloromethane	50	46		1	92	0.32	66-119	20	09/12/2013 1134
1,2-Dibromoethane (EDB)	50	48		1	96	2.3	74-124	20	09/12/2013 1134
1,3-Dichlorobenzene	50	47		1	93	0.19	51-134	20	09/12/2013 1134
1,4-Dichlorobenzene	50	46		1	92	0.35	52-133	20	09/12/2013 1134
1,2-Dichlorobenzene	50	46		1	92	3.5	57-131	20	09/12/2013 1134
Dichlorodifluoromethane	50	42		1	84	5.1	10-157	20	09/12/2013 1134
1,1-Dichloroethane	50	48		1	96	2.5	71-127	20	09/12/2013 1134
1,2-Dichloroethane	50	49		1	99	1.1	67-129	20	09/12/2013 1134
cis-1,2-Dichloroethene	50	49		1	98	2.2	70-122	20	09/12/2013 1134
1,1-Dichloroethene	50	49		1	97	2.2	69-138	20	09/12/2013 1134
trans-1,2-Dichloroethene	50	49		1	98	4.7	68-131	20	09/12/2013 1134
1,2-Dichloropropane	50	49		1	97	4.1	72-124	20	09/12/2013 1134
trans-1,3-Dichloropropene	50	48		1	96	2.7	70-124	20	09/12/2013 1134
cis-1,3-Dichloropropene	50	49		1	98	3.8	70-126	20	09/12/2013 1134
Ethylbenzene	50	47		1	93	1.3	59-128	20	09/12/2013 1134
2-Hexanone	100	110		1	111	5.4	54-137	20	09/12/2013 1134
Isopropylbenzene	50	51		1	102	0.29	50-136	20	09/12/2013 1134
Methyl acetate	50	52		1	103	1.9	59-137	20	09/12/2013 1134
Methyl tertiary butyl ether (MTBE)	50	51		1	102	1.8	70-130	20	09/12/2013 1134
4-Methyl-2-pentanone	100	110		1	114	4.7	60-134	20	09/12/2013 1134
Methylcyclohexane	50	51		1	102	1.3	41-144	20	09/12/2013 1134
Methylene chloride	50	46		1	92	4.3	70-130	20	09/12/2013 1134
Styrene	50	48		1	96	0.33	54-136	20	09/12/2013 1134
1,1,2,2-Tetrachloroethane	50	49		1	99	0.79	69-132	20	09/12/2013 1134
Tetrachloroethene	50	47		1	94	1.9	45-150	20	09/12/2013 1134
Toluene	50	49		1	98	1.4	61-129	20	09/12/2013 1134
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	47		1	93	2.4	49-136	20	09/12/2013 1134
1,2,4-Trichlorobenzene	50	44		1	88	4.9	34-145	20	09/12/2013 1134
1,1,1-Trichloroethane	50	48		1	97	5.2	63-128	20	09/12/2013 1134
1,1,2-Trichloroethane	50	48		1	96	1.4	55-128	20	09/12/2013 1134

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29204-003

Matrix: Solid

Batch: 29204

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	48		1	96	0.10	62-126	20	09/12/2013 1134
Trichlorofluoromethane	50	46		1	91	4.6	45-138	20	09/12/2013 1134
Vinyl chloride	50	54		1	107	5.5	42-132	20	09/12/2013 1134
Xylenes (total)	100	98		1	98	1.0	58-128	20	09/12/2013 1134
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		104	47-138						
1,2-Dichloroethane-d4		104	53-142						
Toluene-d8		112	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MB

Sample ID: OQ29245-001

Matrix: Solid

Batch: 29245

Prep Method: 1311/5030B

Analytical Method: 8260B

Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Benzene	ND		10	0.050	0.0020	mg/L	09/12/2013 2327
2-Butanone (MEK)	ND		10	0.10	0.018	mg/L	09/12/2013 2327
Carbon tetrachloride	ND		10	0.050	0.0040	mg/L	09/12/2013 2327
Chlorobenzene	ND		10	0.050	0.0020	mg/L	09/12/2013 2327
Chloroform	ND		10	0.050	0.0030	mg/L	09/12/2013 2327
1,2-Dichloroethane	ND		10	0.050	0.0030	mg/L	09/12/2013 2327
1,1-Dichloroethene	ND		10	0.050	0.0050	mg/L	09/12/2013 2327
Tetrachloroethene	ND		10	0.050	0.0040	mg/L	09/12/2013 2327
Trichloroethene	ND		10	0.050	0.0030	mg/L	09/12/2013 2327
Vinyl chloride	ND		10	0.010	0.0010	mg/L	09/12/2013 2327
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		94	70-130				
1,2-Dichloroethane-d4		93	70-130				
Toluene-d8		99	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - LCS

Sample ID: QQ29245-002

Matrix: Solid

Batch: 29245

Prep Method: 1311/5030B

Analytical Method: 8260B

Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	0.50	0.50		10	100	72-127	09/13/2013 0036
2-Butanone (MEK)	1.0	1.1		10	108	60-140	09/13/2013 0036
Carbon tetrachloride	0.50	0.51		10	102	37-166	09/13/2013 0036
Chlorobenzene	0.50	0.50		10	99	78-129	09/13/2013 0036
Chloroform	0.50	0.50		10	99	63-123	09/13/2013 0036
1,2-Dichloroethane	0.50	0.50		10	99	59-143	09/13/2013 0036
1,1-Dichloroethene	0.50	0.49		10	98	50-132	09/13/2013 0036
Tetrachloroethene	0.50	0.49		10	99	70-130	09/13/2013 0036
Trichloroethene	0.50	0.51		10	101	73-124	09/13/2013 0036
Vinyl chloride	0.50	0.51		10	101	29-159	09/13/2013 0036
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		98	70-130				
1,2-Dichloroethane-d4		89	70-130				
Toluene-d8		100	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Volatiles - MS

Sample ID: OI06066-042MS

Matrix: Solid

Batch: 29245

Prep Method: 1311/5030B

Analytical Method: 8260B

Leachate Date: 09/09/2013 1845

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	ND	0.50	0.54		10	108	70-127	09/13/2013 0013
2-Butanone (MEK)	ND	1.0	1.2		10	115	60-140	09/13/2013 0013
Carbon tetrachloride	ND	0.50	0.56		10	113	37-166	09/13/2013 0013
Chlorobenzene	ND	0.50	0.51		10	103	78-129	09/13/2013 0013
Chloroform	ND	0.50	0.52		10	105	63-123	09/13/2013 0013
1,2-Dichloroethane	ND	0.50	0.51		10	102	59-143	09/13/2013 0013
1,1-Dichloroethene	ND	0.50	0.54		10	108	50-132	09/13/2013 0013
Tetrachloroethene	ND	0.50	0.53		10	105	70-130	09/13/2013 0013
Trichloroethene	ND	0.50	0.54		10	108	73-124	09/13/2013 0013
Vinyl chloride	ND	0.50	0.58		10	116	29-159	09/13/2013 0013
Surrogate	Q	% Rec	Acceptance Limit					
1,2-Dichloroethane-d4		89	70-130					
Bromofluorobenzene		111	70-130					
Toluene-d8		98	70-130					

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: OQ29414-001

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Acetone	ND		1	20	6.7	ug/kg	09/16/2013 1143
Benzene	ND		1	5.0	1.1	ug/kg	09/16/2013 1143
Bromodichloromethane	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
Bromoform	ND		1	5.0	0.70	ug/kg	09/16/2013 1143
Bromomethane (Methyl bromide)	ND		1	5.0	1.8	ug/kg	09/16/2013 1143
2-Butanone (MEK)	ND		1	10	2.4	ug/kg	09/16/2013 1143
Carbon disulfide	ND		1	5.0	1.3	ug/kg	09/16/2013 1143
Carbon tetrachloride	ND		1	5.0	1.8	ug/kg	09/16/2013 1143
Chlorobenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
Chloroethane	ND		1	5.0	1.3	ug/kg	09/16/2013 1143
Chloroform	ND		1	5.0	0.83	ug/kg	09/16/2013 1143
Chloromethane (Methyl chloride)	ND		1	5.0	1.0	ug/kg	09/16/2013 1143
Cyclohexane	ND		1	5.0	0.67	ug/kg	09/16/2013 1143
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	1.5	ug/kg	09/16/2013 1143
Dibromochloromethane	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,2-Dibromoethane (EDB)	ND		1	5.0	0.85	ug/kg	09/16/2013 1143
1,4-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,3-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,2-Dichlorobenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
Dichlorodifluoromethane	ND		1	5.0	1.6	ug/kg	09/16/2013 1143
1,2-Dichloroethane	ND		1	5.0	1.0	ug/kg	09/16/2013 1143
1,1-Dichloroethane	ND		1	5.0	0.73	ug/kg	09/16/2013 1143
trans-1,2-Dichloroethene	ND		1	5.0	1.5	ug/kg	09/16/2013 1143
cis-1,2-Dichloroethene	ND		1	5.0	0.76	ug/kg	09/16/2013 1143
1,1-Dichloroethene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,2-Dichloropropane	ND		1	5.0	0.91	ug/kg	09/16/2013 1143
trans-1,3-Dichloropropene	ND		1	5.0	0.82	ug/kg	09/16/2013 1143
cis-1,3-Dichloropropene	ND		1	5.0	0.68	ug/kg	09/16/2013 1143
Ethylbenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
2-Hexanone	ND		1	10	1.3	ug/kg	09/16/2013 1143
Isopropylbenzene	ND		1	5.0	0.23	ug/kg	09/16/2013 1143
Methyl acetate	ND		1	5.0	0.98	ug/kg	09/16/2013 1143
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	0.40	ug/kg	09/16/2013 1143
4-Methyl-2-pentanone	ND		1	10	1.5	ug/kg	09/16/2013 1143
Methylcyclohexane	ND		1	5.0	0.41	ug/kg	09/16/2013 1143
Methylene chloride	ND		1	5.0	2.6	ug/kg	09/16/2013 1143
Styrene	ND		1	5.0	1.1	ug/kg	09/16/2013 1143
1,1,2,2-Tetrachloroethane	ND		1	5.0	0.47	ug/kg	09/16/2013 1143
Tetrachloroethene	ND		1	5.0	0.50	ug/kg	09/16/2013 1143
Toluene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	0.63	ug/kg	09/16/2013 1143
1,2,4-Trichlorobenzene	ND		1	5.0	1.7	ug/kg	09/16/2013 1143
1,1,2-Trichloroethane	ND		1	5.0	0.79	ug/kg	09/16/2013 1143
1,1,1-Trichloroethane	ND		1	5.0	0.85	ug/kg	09/16/2013 1143

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ29414-001

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Trichloroethene	ND		1	5.0	1.9	ug/kg	09/16/2013 1143
Trichlorofluoromethane	ND		1	5.0	1.5	ug/kg	09/16/2013 1143
Vinyl chloride	ND		1	5.0	0.86	ug/kg	09/16/2013 1143
Xylenes (total)	ND		1	5.0	2.9	ug/kg	09/16/2013 1143
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		91	47-138				
1,2-Dichloroethane-d4		88	53-142				
Toluene-d8		99	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: OQ29414-002

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	111	60-140	09/16/2013 1032
Benzene	50	43		1	86	69-123	09/16/2013 1032
Bromodichloromethane	50	41		1	82	69-121	09/16/2013 1032
Bromoform	50	46		1	92	61-119	09/16/2013 1032
Bromomethane (Methyl bromide)	50	42		1	84	10-168	09/16/2013 1032
2-Butanone (MEK)	100	110		1	110	57-148	09/16/2013 1032
Carbon disulfide	50	50		1	101	58-122	09/16/2013 1032
Carbon tetrachloride	50	43		1	86	58-136	09/16/2013 1032
Chlorobenzene	50	43		1	85	59-129	09/16/2013 1032
Chloroethane	50	42		1	85	42-163	09/16/2013 1032
Chloroform	50	43		1	86	71-125	09/16/2013 1032
Chloromethane (Methyl chloride)	50	40		1	79	34-134	09/16/2013 1032
Cyclohexane	50	45		1	91	53-139	09/16/2013 1032
1,2-Dibromo-3-chloropropane (DBCP)	50	46		1	91	55-125	09/16/2013 1032
Dibromochloromethane	50	41		1	83	66-119	09/16/2013 1032
1,2-Dibromoethane (EDB)	50	44		1	88	74-124	09/16/2013 1032
1,4-Dichlorobenzene	50	43		1	86	52-133	09/16/2013 1032
1,3-Dichlorobenzene	50	42		1	84	51-134	09/16/2013 1032
1,2-Dichlorobenzene	50	43		1	85	57-131	09/16/2013 1032
Dichlorodifluoromethane	50	38		1	75	10-157	09/16/2013 1032
1,2-Dichloroethane	50	42		1	84	67-129	09/16/2013 1032
1,1-Dichloroethane	50	43		1	86	71-127	09/16/2013 1032
trans-1,2-Dichloroethene	50	46		1	91	68-131	09/16/2013 1032
cis-1,2-Dichloroethene	50	47		1	93	70-122	09/16/2013 1032
1,1-Dichloroethene	50	46		1	93	69-138	09/16/2013 1032
1,2-Dichloropropane	50	42		1	83	72-124	09/16/2013 1032
trans-1,3-Dichloropropene	50	43		1	86	70-124	09/16/2013 1032
cis-1,3-Dichloropropene	50	44		1	88	70-126	09/16/2013 1032
Ethylbenzene	50	43		1	86	59-128	09/16/2013 1032
2-Hexanone	100	97		1	97	54-137	09/16/2013 1032
Isopropylbenzene	50	44		1	88	50-136	09/16/2013 1032
Methyl acetate	50	48		1	97	59-137	09/16/2013 1032
Methyl tertiary butyl ether (MTBE)	50	48		1	95	70-130	09/16/2013 1032
4-Methyl-2-pentanone	100	100		1	101	60-134	09/16/2013 1032
Methylcyclohexane	50	46		1	93	41-144	09/16/2013 1032
Methylene chloride	50	44		1	87	70-130	09/16/2013 1032
Styrene	50	44		1	88	54-136	09/16/2013 1032
1,1,2,2-Tetrachloroethane	50	44		1	88	69-132	09/16/2013 1032
Tetrachloroethene	50	45		1	89	45-150	09/16/2013 1032
Toluene	50	44		1	88	61-129	09/16/2013 1032
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	89	49-136	09/16/2013 1032
1,2,4-Trichlorobenzene	50	45		1	89	34-145	09/16/2013 1032
1,1,2-Trichloroethane	50	43		1	87	55-128	09/16/2013 1032
1,1,1-Trichloroethane	50	45		1	89	63-128	09/16/2013 1032

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ29414-002

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	45		1	90	62-126	09/16/2013 1032
Trichlorofluoromethane	50	44		1	87	45-138	09/16/2013 1032
Vinyl chloride	50	45		1	91	42-132	09/16/2013 1032
Xylenes (total)	100	91		1	91	58-128	09/16/2013 1032
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		110	47-138				
1,2-Dichloroethane-d4		100	53-142				
Toluene-d8		113	68-124				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: OQ29414-003

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acetone	100	110		1	111	0.38	60-140	20	09/16/2013 1056
Benzene	50	44		1	89	3.3	69-123	20	09/16/2013 1056
Bromodichloromethane	50	41		1	82	0.65	69-121	20	09/16/2013 1056
Bromoform	50	45		1	90	2.4	61-119	20	09/16/2013 1056
Bromomethane (Methyl bromide)	50	43		1	85	1.1	10-168	20	09/16/2013 1056
2-Butanone (MEK)	100	100		1	103	6.9	57-148	20	09/16/2013 1056
Carbon disulfide	50	51		1	102	1.1	58-122	20	09/16/2013 1056
Carbon tetrachloride	50	44		1	89	3.2	58-136	20	09/16/2013 1056
Chlorobenzene	50	43		1	85	0.068	59-129	20	09/16/2013 1056
Chloroethane	50	46		1	93	9.0	42-163	20	09/16/2013 1056
Chloroform	50	44		1	88	1.8	71-125	20	09/16/2013 1056
Chloromethane (Methyl chloride)	50	39		1	79	0.94	34-134	20	09/16/2013 1056
Cyclohexane	50	47		1	94	3.8	53-139	20	09/16/2013 1056
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	84	8.6	55-125	20	09/16/2013 1056
Dibromochloromethane	50	42		1	84	1.1	66-119	20	09/16/2013 1056
1,2-Dibromoethane (EDB)	50	43		1	85	3.3	74-124	20	09/16/2013 1056
1,4-Dichlorobenzene	50	42		1	84	2.5	52-133	20	09/16/2013 1056
1,3-Dichlorobenzene	50	42		1	84	0.36	51-134	20	09/16/2013 1056
1,2-Dichlorobenzene	50	42		1	84	1.1	57-131	20	09/16/2013 1056
Dichlorodifluoromethane	50	38		1	77	2.2	10-157	20	09/16/2013 1056
1,2-Dichloroethane	50	42		1	83	0.71	67-129	20	09/16/2013 1056
1,1-Dichloroethane	50	45		1	90	4.3	71-127	20	09/16/2013 1056
trans-1,2-Dichloroethene	50	48		1	95	4.3	68-131	20	09/16/2013 1056
cis-1,2-Dichloroethene	50	48		1	95	2.3	70-122	20	09/16/2013 1056
1,1-Dichloroethene	50	48		1	97	3.9	69-138	20	09/16/2013 1056
1,2-Dichloropropane	50	43		1	87	4.0	72-124	20	09/16/2013 1056
trans-1,3-Dichloropropene	50	43		1	87	0.70	70-124	20	09/16/2013 1056
cis-1,3-Dichloropropene	50	46		1	91	3.7	70-126	20	09/16/2013 1056
Ethylbenzene	50	44		1	88	3.2	59-128	20	09/16/2013 1056
2-Hexanone	100	94		1	94	2.8	54-137	20	09/16/2013 1056
Isopropylbenzene	50	43		1	86	2.0	50-136	20	09/16/2013 1056
Methyl acetate	50	46		1	92	4.9	59-137	20	09/16/2013 1056
Methyl tertiary butyl ether (MTBE)	50	48		1	96	1.1	70-130	20	09/16/2013 1056
4-Methyl-2-pentanone	100	100		1	100	0.86	60-134	20	09/16/2013 1056
Methylcyclohexane	50	49		1	98	6.1	41-144	20	09/16/2013 1056
Methylene chloride	50	45		1	89	1.8	70-130	20	09/16/2013 1056
Styrene	50	44		1	88	0.79	54-136	20	09/16/2013 1056
1,1,2,2-Tetrachloroethane	50	42		1	84	4.6	69-132	20	09/16/2013 1056
Tetrachloroethene	50	45		1	90	0.84	45-150	20	09/16/2013 1056
Toluene	50	46		1	92	5.2	61-129	20	09/16/2013 1056
1,1,2-Trichloro-1,1,2-Trifluoroethane	50	45		1	90	1.8	49-136	20	09/16/2013 1056
1,2,4-Trichlorobenzene	50	45		1	90	1.5	34-145	20	09/16/2013 1056
1,1,2-Trichloroethane	50	43		1	86	0.39	55-128	20	09/16/2013 1056
1,1,1-Trichloroethane	50	46		1	91	2.1	63-128	20	09/16/2013 1056

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCSD

Sample ID: QQ29414-003

Matrix: Solid

Batch: 29414

Prep Method: 5035

Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Trichloroethene	50	47		1	94	4.2	62-126	20	09/16/2013 1056
Trichlorofluoromethane	50	45		1	90	3.2	45-138	20	09/16/2013 1056
Vinyl chloride	50	45		1	91	0.23	42-132	20	09/16/2013 1056
Xylenes (total)	100	92		1	92	1.0	58-128	20	09/16/2013 1056
Surrogate	Q	% Rec	Acceptance Limit						
Bromofluorobenzene		110	47-138						
1,2-Dichloroethane-d4		96	53-142						
Toluene-d8		110	68-124						

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Semivolatiles - MB

Sample ID: OQ29029-001

Matrix: Solid

Batch: 29029

Prep Method: 1311/3520C

Analytical Method: 8270D

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
1,4-Dichlorobenzene	ND		1	0.050	0.0030	mg/L	09/12/2013 1056
2,4,5-Trichlorophenol	ND		1	0.050	0.0060	mg/L	09/12/2013 1056
2,4,6-Trichlorophenol	ND		1	0.050	0.0050	mg/L	09/12/2013 1056
2,4-Dinitrotoluene	ND		1	0.10	0.011	mg/L	09/12/2013 1056
2-Methylphenol	ND		1	0.050	0.0040	mg/L	09/12/2013 1056
3 & 4-Methylphenol	ND		1	0.10	0.010	mg/L	09/12/2013 1056
Hexachlorobenzene	ND		1	0.050	0.0012	mg/L	09/12/2013 1056
Hexachlorobutadiene	ND		1	0.050	0.0030	mg/L	09/12/2013 1056
Hexachloroethane	ND		1	0.050	0.0030	mg/L	09/12/2013 1056
Nitrobenzene	ND		1	0.050	0.0030	mg/L	09/12/2013 1056
Pentachlorophenol	ND		1	0.25	0.018	mg/L	09/12/2013 1056
Pyridine	ND		1	0.050	0.016	mg/L	09/12/2013 1056
Surrogate	Q	% Rec	Acceptance Limit				
2,4,6-Tribromophenol		90	41-144				
2-Fluorobiphenyl		92	37-129				
2-Fluorophenol		85	24-127				
Nitrobenzene-d5		92	38-127				
Phenol-d5		86	28-128				
Terphenyl-d14		94	10-148				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Semivolatiles - LCS

Sample ID: OQ29029-002

Matrix: Solid

Batch: 29029

Prep Method: 1311/3520C

Analytical Method: 8270D

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,4-Dichlorobenzene	1.0	0.96		1	96	30-130	09/12/2013 1123
2,4,5-Trichlorophenol	1.0	0.88		1	88	30-130	09/12/2013 1123
2,4,6-Trichlorophenol	1.0	0.90		1	90	30-130	09/12/2013 1123
2,4-Dinitrotoluene	1.0	0.81		1	81	30-130	09/12/2013 1123
2-Methylphenol	1.0	0.90		1	90	30-130	09/12/2013 1123
3 & 4-Methylphenol	2.0	2.1		1	103	30-130	09/12/2013 1123
Hexachlorobenzene	1.0	0.85		1	85	30-130	09/12/2013 1123
Hexachlorobutadiene	1.0	0.90		1	90	30-130	09/12/2013 1123
Hexachloroethane	1.0	0.96		1	96	30-130	09/12/2013 1123
Nitrobenzene	1.0	1.0		1	100	30-130	09/12/2013 1123
Pentachlorophenol	1.0	0.95		1	95	30-130	09/12/2013 1123
Pyridine	1.0	0.68		1	68	30-130	09/12/2013 1123
Surrogate	Q	% Rec	Acceptance Limit				
2,4,6-Tribromophenol		91	41-144				
2-Fluorobiphenyl		94	37-129				
2-Fluorophenol		88	24-127				
Nitrobenzene-d5		104	38-127				
Phenol-d5		92	28-128				
Terphenyl-d14		97	10-148				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Semivolatiles - MS

Sample ID: OI06066-042MS

Matrix: Solid

Batch: 29029

Prep Method: 1311/3520C

Analytical Method: 8270D

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,4-Dichlorobenzene	ND	1.0	0.95		1	95	30-130	09/12/2013 1215
2,4-Dinitrotoluene	ND	1.0	0.79		1	79	30-130	09/12/2013 1215
Hexachlorobenzene	ND	1.0	0.85		1	85	30-130	09/12/2013 1215
Hexachlorobutadiene	ND	1.0	0.91		1	91	30-130	09/12/2013 1215
Hexachloroethane	ND	1.0	0.95		1	95	30-130	09/12/2013 1215
2-Methylphenol	ND	1.0	0.89		1	89	30-130	09/12/2013 1215
3 & 4-Methylphenol	ND	2.0	2.0		1	101	30-130	09/12/2013 1215
Nitrobenzene	ND	1.0	0.99		1	99	30-130	09/12/2013 1215
Pentachlorophenol	ND	1.0	1.0		1	101	30-130	09/12/2013 1215
Pyridine	ND	1.0	0.67		1	67	30-130	09/12/2013 1215
2,4,5-Trichlorophenol	ND	1.0	0.90		1	90	30-130	09/12/2013 1215
2,4,6-Trichlorophenol	ND	1.0	0.87		1	87	30-130	09/12/2013 1215
Surrogate	Q	% Rec	Acceptance Limit					
2,4,6-Tribromophenol		91	41-144					
2-Fluorobiphenyl		90	37-129					
2-Fluorophenol		86	24-127					
Nitrobenzene-d5		94	38-127					
Phenol-d5		90	28-128					
Terphenyl-d14		95	10-148					

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - MB

Sample ID: OQ29028-001

Matrix: Solid

Batch: 29028

Prep Method: 1311/3520C

Analytical Method: 8081B

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Chlordane	ND		1	0.0025	0.00011	mg/L	09/11/2013 2341
Endrin	ND		1	0.00050	0.0000020	mg/L	09/11/2013 2341
gamma-BHC (Lindane)	ND		1	0.00050	0.000022	mg/L	09/11/2013 2341
Heptachlor	ND		1	0.00050	0.000026	mg/L	09/11/2013 2341
Heptachlor epoxide	ND		1	0.00050	0.0000040	mg/L	09/11/2013 2341
Methoxychlor	ND		1	0.0020	0.000040	mg/L	09/11/2013 2341
Toxaphene	ND		1	0.0050	0.00022	mg/L	09/11/2013 2341
Surrogate	Q	% Rec	Acceptance Limit				
Decachlorobiphenyl		73	20-131				
Tetrachloro-m-xylene		92	26-132				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - LCS

Sample ID: OQ29028-002

Matrix: Solid

Batch: 29028

Prep Method: 1311/3520C

Analytical Method: 8081B

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Chlordane	0.0080	0.0075		1	94	70-130	09/11/2013 2356
Endrin	0.0080	0.0074		1	93	70-130	09/11/2013 2356
gamma-BHC (Lindane)	0.0080	0.0084		1	105	70-130	09/11/2013 2356
Heptachlor	0.0080	0.0075		1	94	70-130	09/11/2013 2356
Heptachlor epoxide	0.0080	0.0077		1	96	70-130	09/11/2013 2356
Methoxychlor	0.0080	0.0081		1	101	70-130	09/11/2013 2356
Toxaphene	0.016	0.016		1	98	70-130	09/11/2013 2356
Surrogate	Q	% Rec			Acceptance Limit		
Decachlorobiphenyl		78			20-131		
Tetrachloro-m-xylene		90			26-132		

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Pesticides - MS

Sample ID: OI06066-042MS

Matrix: Solid

Batch: 29028

Prep Method: 1311/3520C

Analytical Method: 8081B

Prep Date: 09/10/2013 1642 Leachate Date: 09/09/2013 1845

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
gamma-BHC (Lindane)	ND	0.0080	0.0087		1	109	70-130	09/12/2013 0025
Chlordane	0.0018	0.0080	0.012		1	129	70-130	09/12/2013 0025
Endrin	ND	0.0080	0.0075		1	94	70-130	09/12/2013 0025
Heptachlor	ND	0.0080	0.0077		1	96	70-130	09/12/2013 0025
Heptachlor epoxide	ND	0.0080	0.0079		1	99	70-130	09/12/2013 0025
Methoxychlor	ND	0.0080	0.0086		1	108	70-130	09/12/2013 0025
Toxaphene	ND	0.016	0.018		1	112	70-130	09/12/2013 0025
Surrogate	Q	% Rec	Acceptance Limit					
Decachlorobiphenyl		80	20-131					
Tetrachloro-m-xylene		93	26-132					

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Herbicides - MB

Sample ID: OQ29076-001

Matrix: Solid

Batch: 29076

Prep Method: 1311/8151A

Analytical Method: 8151A

Prep Date: 09/11/2013 1000 Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
2,4,5-TP (Silvex)	ND		1	0.0050	0.0010	mg/L	09/12/2013 1908
2,4-D	ND		1	0.020	0.0040	mg/L	09/12/2013 1908
Surrogate	Q	% Rec	Acceptance Limit				
DCAA		81	62-117				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Herbicides - LCS

Sample ID: QQ29076-002

Matrix: Solid

Batch: 29076

Prep Method: 1311/8151A

Analytical Method: 8151A

Prep Date: 09/11/2013 1000 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4,5-TP (Silvex)	0.20	0.20		1	98	56-132	09/12/2013 1931
2,4-D	0.20	0.16		1	82	59-139	09/12/2013 1931
Surrogate	Q	% Rec	Acceptance Limit				
DCAA	81		62-117				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Herbicides - MS

Sample ID: OI06066-042MS

Matrix: Solid

Batch: 29076

Prep Method: 1311/8151A

Analytical Method: 8151A

Prep Date: 09/11/2013 1000 Leachate Date: 09/09/2013 1845

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
2,4-D	ND	0.20	0.17		1	87	59-139	09/12/2013 2017
2,4,5-TP (Silvex)	ND	0.20	0.21		1	105	56-132	09/12/2013 2017
Surrogate	Q	% Rec	Acceptance Limit					
DCAA		83	62-117					

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: QQ29027-001

Matrix: Solid

Batch: 29027

Prep Method: 1311/3010A

Analytical Method: 6010C

Prep Date: 09/10/2013 1603 Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Arsenic	0.051	J	10	0.10	0.023	mg/L	09/11/2013 2235
Barium	ND		10	0.25	0.023	mg/L	09/11/2013 2235
Cadmium	ND		10	0.020	0.0030	mg/L	09/11/2013 2235
Chromium	ND		10	0.050	0.014	mg/L	09/11/2013 2235
Lead	ND		10	0.10	0.017	mg/L	09/11/2013 2235
Selenium	ND		10	0.10	0.032	mg/L	09/11/2013 2235
Silver	ND		10	0.050	0.0090	mg/L	09/11/2013 2235

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCS

Sample ID: QQ29027-002

Matrix: Solid

Batch: 29027

Prep Method: 1311/3010A

Analytical Method: 6010C

Prep Date: 09/10/2013 1603 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Arsenic	5.0	5.0		10	101	80-120	09/11/2013 2239
Barium	10	9.8		10	98	80-120	09/11/2013 2239
Cadmium	1.0	0.92		10	92	80-120	09/11/2013 2239
Chromium	5.0	4.9		10	98	80-120	09/11/2013 2239
Lead	5.0	4.9		10	99	80-120	09/11/2013 2239
Selenium	1.0	1.0		10	104	80-120	09/11/2013 2239
Silver	5.0	4.8		10	96	80-120	09/11/2013 2239

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: QQ29027-003

Matrix: Solid

Batch: 29027

Prep Method: 1311/3010A

Analytical Method: 6010C

Prep Date: 09/10/2013 1603 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Arsenic	5.0	4.8		10	97	3.7	80-120	20	09/11/2013 2243
Barium	10	9.3		10	93	5.1	80-120	20	09/11/2013 2243
Cadmium	1.0	0.88		10	88	4.4	80-120	20	09/11/2013 2243
Chromium	5.0	4.6		10	93	5.9	80-120	20	09/11/2013 2243
Lead	5.0	4.7		10	94	5.0	80-120	20	09/11/2013 2243
Selenium	1.0	0.99		10	99	4.9	80-120	20	09/11/2013 2243
Silver	5.0	4.5		10	91	5.7	80-120	20	09/11/2013 2243

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MB

Sample ID: QQ29036-001

Batch: 29036

Analytical Method: 7470A

Matrix: Solid

Prep Method: 1311/7470A

Prep Date: 09/10/2013 1846 Leachate Date: 09/09/2013 1845

Parameter	Result	Q	Dil	PQL	MDL	Units	Analysis Date
Mercury	ND		1	0.00020	0.000053	mg/L	09/10/2013 2232

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Page: 142 of 145
Level 1 Report v2.1

TCLP Metals - LCS

Sample ID: QQ29036-002

Matrix: Solid

Batch: 29036

Prep Method: 1311/7470A

Analytical Method: 7470A

Prep Date: 09/10/2013 1846 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.0020	0.0020		1	100	85-115	09/10/2013 2235

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - LCSD

Sample ID: QQ29036-003

Matrix: Solid

Batch: 29036

Prep Method: 1311/7470A

Analytical Method: 7470A

Prep Date: 09/10/2013 1846 Leachate Date: 09/09/2013 1845

Parameter	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	0.0020	0.0020		1	100	0.00	85-115	20	09/10/2013 2238

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TCLP Metals - MS

Sample ID: OI06066-042MS

Matrix: Solid

Batch: 29036

Prep Method: 1311/7470A

Analytical Method: 7470A

Prep Date: 09/10/2013 1846 Leachate Date: 09/09/2013 1845

Parameter	Sample Amount (mg/L)	Spike Amount (mg/L)	Result (mg/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.0020	0.0020		1	101	85-115	09/10/2013 2245

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody Record **Number 31571**

Shealy Environmental Services, Inc.
106 Vantage Point Drive
West Columbia, South Carolina 29172
Telephone No. (803) 791-9700 Fax No. (803) 791-9111
www.shealylab.com



Client <i>TRC</i>		Report to Contact <i>Dan Madison/Terry Hertz</i>		Sampler (Printed Name) <i>Bill Madhu</i>		Quote No.
Address <i>30 Patwood Dr</i>		Telephone No. / Fax No. / Email <i>864 387-0030</i>		Waybill No.		Page <i>1 of 5</i>
City <i>Greenville</i>	State <i>SC</i>	Zip Code <i>29615</i>	Preservative 1. Ungres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SD4 6. Na Thio.	Analysis		Number of Containers Bottle (See Instructions on back)
Project Name <i>WPH - Clumson</i>	P.O. Number	Date	Time	Matrix		Preservative Lot No.
Project Number <i>20589-0000-0001</i>	Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Composite	Matrix	Remarks / Cooler ID
	<i>SB-137 / 1-2</i>	<i>9-5-13</i>	<i>0830</i>	<input type="checkbox"/> G/Grab <input type="checkbox"/> Composite	<input type="checkbox"/> GW <input type="checkbox"/> DW <input type="checkbox"/> WW <input type="checkbox"/> S <input type="checkbox"/> Other	<i>PPM 1.3</i>
	<i>SB-137 / 19-20</i>	<i>9-5-13</i>	<i>0835</i>			
	<i>SB-138 / 5-C</i>	<i>9-5-13</i>	<i>0920</i>			<i>PPM 5.9</i>
	<i>SB-138 / 22-23</i>	<i>9-5-13</i>	<i>0925</i>			
	<i>SB-139 / 0-1</i>	<i>9-5-13</i>	<i>1005</i>			<i>PPM -19.6</i>
	<i>SB-139 / 19-20</i>	<i>9-5-13</i>	<i>1010</i>			
	<i>SB-140 / 14-15</i>	<i>9-5-13</i>	<i>1045</i>			<i>PPM -1.0</i>
	<i>SB-140 / 19-20</i>	<i>9-5-13</i>	<i>1030</i>			
	<i>SB-141 / 15-16</i>	<i>9-5-13</i>	<i>1135</i>			<i>PPM -19.5</i>
	<i>SB-141 / 17-18</i>	<i>9-5-13</i>	<i>1140</i>			
Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)				Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab		Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler <i>Bill Madhu</i>		Date <i>9-6-13</i>	Time <i>1240</i>	1. Received by <i>Michelle Hertz</i>		Date <i>9-6-13</i>
2. Relinquished by <i>Michelle Hertz</i>		Date <i>9-6-13</i>	Time <i>1433</i>	2. Received by <i>Michelle Hertz</i>		Date <i>9-6-13</i>
3. Relinquished by		Date	Time	3. Received by		Date
4. Relinquished by <i>Michelle Hertz</i>		Date <i>9-6-13</i>	Time <i>1620</i>	4. Laboratory Received by <i>Christina</i>		Date <i>9-6-13</i>
LAB USE ONLY Received on ice (Check) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Ice Pack				Receipt Temp. <i>1.0</i> °C		Temp Blank <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Note: All samples are retained for six weeks from receipt unless other arrangements are made.						

Chain of Custody Record **Number 31570**

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com



Client TRC	Report to Contact Dawn Madison/Terry Hertz	Sampler (Printed Name) Bill Medlin	Quote No.
Address 30 Palmetto Dr	Telephone No. / Fax No. / Email 804 281-0030	Waybill No.	Page 2 of 5
City Greenville SC 29615	State SC	Zip Code 29615	Number of Containers
Project Name Wpitt-Clemson	Preservative 1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Ithio.	Matrix GW DW WW S Other	Bottle (See Instructions on back) Preservative Lot No.
Project Number 205809.0000.0001	P.O. Number	Analysis	Remarks / Cooler ID 01000104
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	
SB-211/ 8-9	9-5-13	1310	PPM - 0.3
SB-211/ 13-14	9-5-13	1315	PPM - 1.3
SB-212/ 14-15	9-5-13	1345	PPM - 0
SB-212/ 16-17	9-5-13	1350	PPM - 0
SB-213/ 9-10	9-5-13	1425	PPM - 0
SB-213/ 19-20	9-5-13	1430	PPM - 0
SB-214/ 9-10	9-5-13	1500	PPM - 0
SB-214/ 19-20	9-5-13	1505	PPM - 0
SB-215/ 3-4	9-5-13	1600	PPM - 2.7
SB-215/ 19-20	9-5-13	1609	

Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler Bill Medlin	Date: 9-6-13 Time: 1240	Date: 9-6-13 Time: 1240
2. Relinquished by Bill Medlin	Date: 9-6-13 Time: 1433	Date: 9-6-13 Time: 1438
3. Relinquished by	Date: Time:	Date: Time:
4. Relinquished by CPack	Date: 9/6/13 Time: 1620	Date: 9/6/13 Time: 1620

Note: All samples are retained for six weeks from receipt unless other arrangements are made.



Chain of Custody Record

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Number 31579

Client TRC		Report to Contact DAW Madison/Terry Hertz		Sampler (Printed Name) Bill Medlin		Quote No.	
Address 30 Patwood Dr		Telephone No. / Fax No. / Email 864 281-0030		Waybill No.		Page 3 of 5	
City Greenville		State SC		Zip Code 29681		Number of Containers	
Project Name WPH-Clemson		Preservative 1. Unpres. 4. HMO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Thio.		Bottles (See Instructions on back)		Preservative	
Project Number 205809.0000.0001		P.O Number		Analysis		Lot No. 01000066	
Sample ID / Description (Containers for each sample may be combined on one line)		Date		Time		Remarks / Cooler ID	
SB-210/ 7-8		9-5-13		1645		PPM 1.5	
SB-210/ 10-11		9-5-13		1650			
SB-209/ 8-9		9-6-13		0745		PPM 0.7	
SB-209/ 13-14		9-6-13		0750			
SB-208/ 14-15		9-6-13		0805			
SB-208/ 19-20		9-6-13		0810			
SB-207/ 12-13		9-6-13		0825		PPM 0.7	
SB-207/ 13-14		9-6-13		0830		PPM	
TBLK-13311							
Turn Around Time Required (Prior lab approval required for expedited TAT)		Sample Disposal		Possible Hazard Identification			
<input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab		<input type="checkbox"/> Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown			
1. Relinquished by / Sampler Bill Medlin		Date 9-5-13		Time 1240		Date 9-6-13	
2. Relinquished by Bill Medlin		Date 9-6-13		Time 1433		Date 9/6/13	
3. Relinquished by		Date		Time		Date	
4. Relinquished by Bill Medlin		Date 9/6/13		Time 1620		Date 9/6/13	
<p>Note: All samples are retained for six weeks from receipt unless other arrangements are made.</p>		LAB USE ONLY		Receipt Temp. 1.0 °C		Temp. Blank Y / N	

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Chain of Custody Record

Number 31572



Client TRC	Report to Contact DAE Medical/Terry Hartz	Sampler (Printed Name) B.A. Medlin	Quote No.
Address 30 Patchwood Dr	Telephone No. / Fax No. / Email 864-281-0036	Waybill No.	Page 4 of 5
City Greenville	State SC	Zip Code 29615	Number of Containers
Project Name WPH - Cleanup	Preservative 1. Urines, 4. HNO3, 7. NaOH 2. NaOH/ZnA, 5. HCL 3. H2SO4, 6. Na Thio.		Bottle (See Instructions on back)
Project Number 205 209 0000 2001	P.O. Number		Preservative
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	Lot No.
SB-206 / 0-1	9-6-17	0840	0106066
SB-206 / 13-14	9-6-17	0845	Remarks / Cooler ID
SB-201 / 8-9	9-6-13	0933	PPM - 1.0
SB-201 / 10-11	9-6-13	0940	PPM - 1.05
SB-202 / 14-15	9-6-13	1000	PPM - 0.9
SB-202 / 16-17	9-6-13	1005	PPM 0.7
SB-203 / 18-19	9-6-13	1035	PIA - 0
SB-203 / 19-20	9-6-13	1040	
SB-204 / 5-6	9-6-13	1050	
SB-204 / 10-11	9-6-13	1055	

Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler Paul Medlin	Date 9-6-13	Date 9-6-13
2. Relinquished by Michael Hays	Date 9-6-13	Date 9-6-13
3. Relinquished by	Date	Date
4. Relinquished by Paul Medlin	Date 9/6/13	Date 9/6/13

1. Received by Michael Hays	Date 9-6-13	Time 1413
2. Received by Paul Medlin	Date	Time
3. Received by	Date	Time
4. Laboratory Received by Paul Medlin	Date 9/6/13	Time 1620

LAB USE ONLY
 Received on ice (Check) Yes No Ice Pack Receipt Temp. **1-0** °C Temp. Blank Y N

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
 Document Number: F-AD-016
 Revision Number: 11

Page 1 of 1
 Replaces Date: 01/28/13
 Effective Date: 04/18/13

Sample Receipt Checklist (SRC)

Client: TRC Cooler Inspected by/date: CMT / 9/6/13 Lot #: 05A0066

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other			
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	1. Were custody seals present on the cooler?	
Yes <input type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt <u>11.0 °C</u> <u>16.0 °C</u> <u> / °C</u> <u> / °C</u>			
Method: <input type="checkbox"/> Temperature Blank <input checked="" type="checkbox"/> Against Bottles			
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None			
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.			
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	5a Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		6. Were sample IDs listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		7. Was collection date & time listed?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		8. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		9. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		10. Did all container label information (ID, date, time) agree with COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		12. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		14. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		15. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	20. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)			
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____			
Sample(s) _____ were received with bubbles >6 mm in diameter.			
Sample(s) _____ were received with TRC >0.2 mg/L for NH ₃ /TKN/cyanide/phenol			
Sample labels verified by: <u>CMT</u> Date: <u>9/6/13</u>			

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee: _____

Date of response: _____

Comments: _____